

Списък на цитиранията на статии на д-р Виолета Димитрова Маджарова

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Watanabe, H., Rajagopalan, U.M., Nakamichi, Y., Igarashi, K.M., Madjarova, V.D., Kadono, H., Tanifuji, M., In vivo layer visualization of rat olfactory bulb by a swept source optical coherence tomography and its confirmation through electrocoagulation and anatomy, *Biomedical Optics Express*, 2 (8), pp. 2279-2287, (2011) е цитирана от:

1. Srimal, L.K.T., Kadono, H., Rajagopalan, U.M., Optical coherence tomography biospeckle imaging for fast monitoring varying surface responses of a plant leaf under ozone stress, *SPIE*, 8881, art. no. 88810H, (2013)
2. Landis, M.S., Boyden, T., Pegg, S., Nasal-to-CNS drug delivery: Where are we now and where are we heading? An industrial perspective, *Therapeutic Delivery*, 3 (2), pp. 195-208, (2012)
3. Watanabe, H., Rajagopalan, U.M., Nakamichi, Y., Igarashi, K.M., Kadono, H., Tanifuji, M., Swept source optical coherence tomography as a tool for real time visualization and localization of electrodes used in electrophysiological studies of brain in vivo, *Biomedical Optics Express*, 2 (11), pp. 3129-3134, (2011)

Madjarova, V.D., Kadono, H., Toyooka, S., Use of dynamic electronic speckle pattern interferometry with the Hilbert transform method to investigate thermal expansion of a joint material, *Applied Optics*, 45 (29), pp. 7590-7596, (2006) е цитирана от:

1. Sainov, V., Baldjiev, A., Stoykova, E., Full-field displacement measurement by double symmetrical illumination through reflection holograms, *SPIE* 8769, art. no. 87691A, (2013).
2. Sainov, V., Baldjiev, A., Stoykova, E., Full field displacement measurement by double symmetrical illumination with diode lasers through a pair of double exposure reflectionholograms, *Optics and Lasers in Engineering*, 51 (6), pp. 656-664, (2013)
3. Gao, R., Jiang, Y., Ding, W., Wang, Z., Liu, D., Filmed extrinsic Fabry-Perot interferometric sensors for the measurement of arbitrary refractive index of liquid, *Sensors and Actuators, B: Chemical*, 177, pp. 924-928, (2013)
4. Paul Kumar, U., Somasundaram, U., Kothiyal, M.P., Krishna Mohan, N., Single frame digital fringe projection profilometry for 3-D surface shape measurement, *Optik*, 124 (2), pp. 166-169, (2013)
5. Kumar, U.P., Mohan, N.K., Kothiyal, M.P., Characterization of micro-lenses based on single interferogram analysis using Hilbert transformation, *Optics Communications*, 284 (21), pp. 5084-5092, (2011)
6. Chen, Z., Liu, Z., Sun, G., Thermal Behavior of Steel Cables in Prestressed Steel Structures, *Journal of Materials in Civil Engineering*, 23 (9), pp. 1265-1271, (2011)
7. Federico, A., Kaufmann, G.H., Phase Evaluation in Temporal Speckle Pattern Interferometry Using Time-Frequency Methods, *Advances in Speckle Metrology and Related Techniques*, pp. 147-205, (2011)
8. Bernini, M.B., Federico, A., Kaufmann, G.H., Phase measurement in temporal speckle pattern interferometry signals presenting low-modulated regions by means of the bidimensional empirical mode decomposition, *Applied Optics*, 50 (5), pp. 641-647, (2011)
9. Kadono, H., Kataoka, M., Madjarova, V.D., Phase shift error compensation method for digital holography using statistics of speckle field, *SPIE* 7387, art. no. 738706, (2010).
10. Wang, X., Li, D., Wang, Y., Su, S., Seo, J.W., Characterizations of displaying magnetic-fluid microelectromechanical light modulator with laser speckle technique, *SPIE* 7284, art. no. 728402, (2009)
11. Marengo Rodríguez, F.A., Federico, A., Kaufmann, G.H., Phase estimation in temporal speckle pattern interferometry using the empirical mode decomposition method, *AIP Conference Proceedings*, 992, pp. 1324-1328, (2008)
12. Rodriguez, F.A.M., Federico, A., Kaufmann, G.H., Hubert transform analysis of a time series of speckle interferograms with a temporal carrier, *Applied Optics*, 47 (9), pp. 1310-1316, (2008)
13. Madjarova, V.D., Toyooka, S., Chida, H., Kadono, H., Stress behavior of Ball Grid Array (BGA) studied by Dynamic Electronic Speckle Pattern Interferometry (DESPI), *SPIE* 6616 (PART 2), art. no. 66162R, (2007)
14. Marengo Rodriguez, F.A., Federico, A., Kaufmann, G.H., Phase measurement improvement in temporal speckle pattern interferometry using empirical mode decomposition, *Optics Communications*, 275 (1), pp. 38-41, (2007)

Madjarova, V.D., Yasuno, Y., Makita, S., Hori, Y., Voeffray, J.-B., Itoh, M., Yatagai, T., Tamura, M., Nanbu, T., Investigations of soft and hard tissues in oral cavity by spectral domain optical coherence tomography, *SPIE* 6079, art. no. 60790N, (2006) е цитирана от:

1. Louie, T., Lee, C., Hsu, D., Hirasuna, K., Manesh, S., Staninec, M., Darling, C.L., Fried, D., Clinical assessment of early tooth demineralization using polarization sensitive optical coherence tomography, *Lasers in Surgery and Medicine*, 42 (10), pp. 738-745, (2010)
2. Kang, H., Jiao, J.J., Lee, C., Le, M.H., Darling, C.L., Fried, D., Nondestructive assessment of early tooth demineralization using cross-polarization optical coherence tomography, *IEEE Journal on Selected Topics in Quantum Electronics*, 16 (4), art. no. 5443524, pp. 870-876, (2010)
3. Negruțiu, M., Sinescu, C., Topala, F., Rominu, M., Markovic, D., Daniela, P., Hughes, M., Bradu, A., Dobre, G., Podoleanu, A.G., En face optical coherence tomography investigation of interface fiber posts/adhesive

cement/root canal wall, SPIE 7372, art. no. 73721A, (2009)

4. Negruțiu, M.L., Sinescu, C., Rominu, M., Hughes, M., Dobreb, G., Podoleanu, A.Gh., Optical coherence tomography and confocal microscopy investigations of dental structures and restoration materials, SPIE 7258, art. no. 72584N, (2009)
5. Negruțiu, M., Sinescu, C., Topala, F., Rominu, M., Markovic, D., Daniela, P., Hughes, M., Bradu, A., Dobre, G., Podoleanu, A.G., En Face optical coherence tomography investigation of interface fiber posts/adhesive cement/root canal wall, Optics InfoBase Conference Papers, (2009)
6. Kakuma, H., Ohbayashi, K., Arakawa, Y., Optical imaging of hard and soft dental tissues using discretely swept optical frequency domain reflectometry optical coherence tomography at wavelengths from 1560 to 1600nm, Journal of Biomedical Optics, 13 (1), art. no. 014012, (2008)
7. Sinescu, C., Negruțiu, M.L., Todea, C., Balabuc, C., Filip, L., Rominu, R., Bradu, A., Hughes, M., Podoleanu, A.G., Quality assessment of dental treatments using en-face optical coherence tomography, Journal of Biomedical Optics, 13 (5), art. no. 054065, (2008)
8. Kakuma, H., Ohbayashi, K., Arakawa, Y., Optical imaging of hard and soft dental tissues using discretely swept OFDR-OCT, SPIE 6425, art. no. 642505, (2007)

Yamanari, M., Makita, S., Madjarova, V.D., Yatagai, T., Yasuno, Y., Fiber-based polarization-sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method, Optics Express, 14 (14), pp. 6502-6515 (2006) е цитирана от:

1. Hong, Y.-J., Makita, S., Sugiyama, S., Yasuno, Y., Optically buffered Jones-matrix-based multifunctional optical coherence tomography with polarization mode dispersion correction, Biomedical Optics Express, 6 (1), pp. 225-243, (2015)
2. Hong, Y.-J., Miura, M., Ju, M.J., Makita, S., Iwasaki, T., Yasuno, Y., Simultaneous investigation of vascular and retinal pigment epithelial pathologies of exudative macular diseases by multifunctional optical coherence tomography, Investigative Ophthalmology and Visual Science, 55 (8), pp. 5016-5031, (2014)
3. Kasaragod, D., Makita, S., Fukuda, S., Beheregaray, S., Oshika, T., Yasuno, Y., Bayesian maximum likelihood estimator of phase retardation for quantitative polarization-sensitive optical coherence tomography, Optics Express, 22 (13), pp. 16472-16492, (2014)
4. Ju, M.J., Shin, J.G., Hoshi, S., Yasuno, Y., Lee, B.H., Tang, S., Eom, T.J., Three-dimensional volumetric human meibomian gland investigation using polarization-sensitive optical coherence tomography, Journal of Biomedical Optics, 19 (3), art. no. 030503, (2014)
5. Bhaskar, U., Hong, Y.-J., Miura, M., Yasuno, Y., Five-dimensional analysis of multi-contrast Jones matrix tomography of posterior eye, Progress in Biomedical Optics and Imaging - SPIE, 8930, art. no. 893008, (2014)
6. Lin, H., Kao, M.-C., Lai, C.-M., Huang, J.-C., Kuo, W.-C., All fiber optics circular-state swept source polarization-sensitive optical coherence tomography, Journal of Biomedical Optics, 19 (2), art. no. 021110, (2014)
7. Yasuno, Y., Three-dimensional jones matrix and doppler imaging of in vivo human eye by optical coherence tomography, Bio-Optics: Design and Application, BODA 2013, pp. BT3A.6., (2013)
8. Ju, M.J., Hong, Y.-J., Makita, S., Lim, Y., Kurokawa, K., Duan, L., Miura, M., Tang, S., Yasuno, Y., Advanced multi-contrast Jones matrix optical coherence tomography for Doppler and polarization sensitive imaging, Optics Express, 21 (16), pp. 19412-19436, (2013)
9. Makita, S., Hong, Y.-J., Yasuno, Y., Toward absorption contrast imaging of biological tissues in vivo by using photothermal optical coherence tomography, Progress in SPIE 8934, art. no. 893434, (2013)
10. Gladkova, N.D., Gubarkova, E.V., Sharabrin, E.G., Stelmashok, V.I., Beimanov, A.E., The potential and limitations of intravascular optical coherence tomography, Sovremennye Tehnologii v Medicine, 2012 (4), pp. 128-141, (2012)
11. Zhao, M., Huang, Y., Kang, J.U., Sapphire ball lens-based fiber probe for common-path optical coherence tomography and its applications in corneal and retinal imaging, Optics Letters, 37 (23), pp. 4835-4837, (2012)
12. Fan, C., Yao, G., Full-range spectral domain Jones matrix optical coherence tomography using a single spectral camera, Optics Express, 20 (20), pp. 22360-22371, (2012) Lurie, K.L., Moritz, T.J., Ellerbee, A.K., Design considerations for polarization-sensitive optical coherence tomography with a single input polarization state, Biomedical Optics Express, 3 (9), pp. 2273-2287, (2012)
13. Makita, S., Jaillon, F., Yamanari, M., Yasuno, Y., Dual-beam-scan Doppler optical coherence angiography for birefringence-artifact-free vasculature imaging, Optics Express, 20 (3), pp. 2681-2692, (2012)
14. Duan, L., Yamanari, M., Yasuno, Y., Automated phase retardation oriented segmentation of chorio-scleral interface by polarization sensitive optical coherence tomography, Optics Express, 20 (3), pp. 3353-3366, (2012)
15. Duan, L., Yamanari, M., Yasuno, Y., Automated detection of chorio-scleral interface using polarization-sensitive optical coherence tomography, Progress in Biomedical Optics and Imaging - SPIE, 8213, art. no. 82131W, (2012)

16. Rodriguez, A., Kang, J.U., Huang, Y., Real-time 4D non-invasive subsurface corrosion inspection using ultrahigh-speed, Fourier-domain optical coherence tomography, SPIE 8155, art. no. 81550W, (2011)
17. Subhash, H.M., Biophotonics modalities for high-resolution imaging of microcirculatory tissue beds using endogenous contrast: A review on present scenario and prospects, International Journal of Optics, 2011, art. no. 293684, (2011)
18. Sakai, S., Yamanari, M., Lim, Y., Nakagawa, N., Yasuno, Y., In vivo evaluation of human skin anisotropy by polarization-sensitive optical coherence tomography, Biomedical Optics Express, 2 (9), pp. 2623-2631, (2011)
19. Duan, L., Makita, S., Yamanari, M., Lim, Y., Yasuno, Y., Monte-Carlo-based phase retardation estimator for polarization sensitive optical coherence tomography, Optics Express, 19 (17), pp. 16330-16345, (2011)
20. Han, J.-H., Kang, J.U., Song, C.G., Polarization sensitive subcutaneous and muscular imaging based on common path optical coherence tomography using near infrared source, Journal of Medical Systems, 35 (4), pp. 521-526, (2011)
21. Chen, Y., Otis, L., Zhu, Q., Polarization memory effect in optical coherence tomography and dental imaging application, Journal of Biomedical Optics, 16 (8), art. no. 086005, (2011)
22. Jaillon, F., Makita, S., Min, E.-J., Lee, B.H., Yasuno, Y., Enhanced imaging of choroidal vasculature by high-penetration and dual-velocity optical coherence angiography, Biomedical Optics Express, 2 (5), pp. 1147-1158, (2011)
23. Lu, Z., Kasaragod, D.K., Matcher, S.J., Optic axis determination by fiber-based polarization-sensitive swept-source optical coherence tomography, SPIE 7889, art. no. 78890W, (2011)
24. Lu, Z., Kasaragod, D.K., Matcher, S.J., Performance comparison between 8- and 14-bit-depth imaging in polarization-sensitive swept-source optical coherence tomography, Biomedical Optics Express, 2 (4), pp. 794-804, (2011)
25. Lu, Z., Kasaragod, D.K., Matcher, S.J., Optic axis determination by fibre-based polarization-sensitive swept-source optical coherence tomography, Physics in Medicine and Biology, 56 (4), pp. 1105-1122, (2011)
26. Makita, S., Jaillon, F., Yamanari, M., Miura, M., Yasuno, Y., Comprehensive in vivo micro-vascular imaging of the human eye by dual-beam-scan Doppler optical coherence angiography, Optics Express, 19 (2), pp. 1271-1283, (2011)
27. Wang, Y., Chen, X., Li, H., Lei, Y., Yu, D., Single-detector polarization-sensitive OCT for biological tissue imaging, SPIE 7845, art. no. 78450E, (2010)
28. Song, C.G., Lee, H.-S., Kim, K.-S., Seo, J.H., Kang, J., High-resolution morphological features of the muscle and cartilage in vivo using optical coherence tomography based on super luminescent diode, 2010 2nd International Symposium on Aware Computing, ISAC 2010 - Symposium Guide, art. no. 5670476, pp. 200-203, (2010)
29. Yasuno, Y., Yamanari, M., Kawana, K., Miura, M., Fukuda, S., Makita, S., Sakai, S., Oshika, T., Visibility of trabecular meshwork by standard and polarization-sensitive optical coherence tomography, Journal of Biomedical Optics, 15 (6), art. no. 061705, (2010)
30. Kang, H., Jiao, J.J., Lee, C., Le, M.H., Darling, C.L., Fried, D., Nondestructive assessment of early tooth demineralization using cross-polarization optical coherence tomography, IEEE Journal on Selected Topics in Quantum Electronics, 16 (4), art. no. 5443524, pp. 870-876, (2010)
31. Yamanari, M., Makita, S., Lim, Y., Yasuno, Y., Full-range polarization-sensitive swept-source optical coherence tomography by simultaneous transversal and spectral modulation, Optics Express, 18 (13), pp. 13964-13980, (2010)
32. Han, J.-H., Xuan, L., Kang, J.U., Song, C.-G., A study on the qualitative morphological features of the muscle and subcutaneous shapes in vivo using Fourier-domain common path OCT, SPIE 7554, art. no. 75542H, (2010)
33. Al-Qaisi, M.K., Akkin, T., Swept-source polarization-sensitive optical coherence tomography based on polarization-maintaining fiber, Optics Express, 18 (4), pp. 3392-3403, (2010)
34. Jaillon, F., Makita, S., Yabusaki, M., Yasuno, Y., Parabolic BM-scan technique for full range doppler spectral domain optical coherence tomography, Optics Express, 18 (2), pp. 1358-1372, (2010)
35. Makita, S., Yamanari, M., Yasuno, Y., Generalized Jones matrix optical coherence tomography: Performance and local birefringence imaging, Optics Express, 18 (2), pp. 854-876, (2010)
36. Le, M.H., Darling, C.L., Fried, D., Automated analysis of lesion depth and integrated reflectivity in PS-OCT scans of tooth demineralization, Lasers in Surgery and Medicine, 42 (1), pp. 62-68, (2010)
37. Lin, H., Wang, C.-L., Circularly polarization-sensitive optical coherence tomography constructed by fiber-optics devices, Optics InfoBase Conference Papers, (2009)
38. Sakai, S., Nakagawa, N., Yamanari, M., Miyazawa, A., Yasuno, Y., Matsumoto, M., Relationship between dermal birefringence and the skin surface roughness of photoaged human skin, Journal of Biomedical Optics, 14 (4), art. no. 044032, (2009)
39. Liu, G., Zhang, J., Yu, L., Xie, T., Chen, Z., Real-time polarization-sensitive optical coherence tomography data processing with parallel computing, Applied Optics, 48 (32), pp. 6365-6370, (2009)
40. Miyazawa, A., Yamanari, M., Makita, S., Miura, M., Kawana, K., Iwaya, K., Goto, H., Yasuno, Y., Tissue discrimination in anterior eye using three optical parameters obtained by polarization sensitive optical

- coherence tomography, *Optics Express*, 17 (20), pp. 17426-17440, (2009)
41. Park, J., Kemp, N.J., Rylander III, H.G., Milner, T.E., Complex polarization ratio to determine polarization properties of anisotropic tissue using polarization-sensitive optical coherence tomography, *Optics Express*, 17 (16), pp. 13402-13417, (2009)
 42. Yamanari, M., Lim, Y., Makita, S., Yasuno, Y., Visualization of phase retardation of deep posterior eye by polarization-sensitive swept-source optical coherence tomography with 1- μ m probe, *Optics Express*, 17 (15), pp. 12385-12396, (2009)
 43. Al-Qaisi, M.K., Akkin, T., Polarization-maintaining fiber-based optical coherence tomography for polarization-sensitive measurements, *SPIE* 7168, art. no. 716819, (2009)
 44. Yasuno, Y., Yamanari, M., Kawana, K., Oshika, T., Miura, M., Investigation of post-glaucoma-surgery structures by three-dimensional and polarization sensitive anterior eye segment optical coherence tomography, *Optics Express*, 17 (5), pp. 3980-3996, (2009)
 45. Bouma, B.E., Yun, S.-H., Vakoc, B.J., Suter, M.J., Tearney, G.J., Fourier-domain optical coherence tomography: recent advances toward clinical utility, *Current Opinion in Biotechnology*, 20 (1), pp. 111-118, (2009)
 46. Zhao, M., Izatt, J.A., Single-camera sequential-scan-based polarization-sensitive SDOCT for retinal imaging, *Optics Letters*, 34 (2), pp. 205-207, (2009)
 47. Meng, Z., Yao, X.S., Lan, S.-F., Liu, T.-G., Liang, Y., Study of automatic elimination of polarization fluctuation method for all-fiber oral OCT system, *Journal of Optoelectronics Laser*, 20 (1), pp. 133-136, (2009)
 48. Yasuno, Y., Ophthalmic applications of birefringence and flow contrast optical coherence tomography, *Biomedical Optics, BIOMED 2008*, pp. BMB2, (2008)
 49. Zhao, M., Izatt, J.A., Simplified single channel high-speed polarization sensitive retinal SDOCT, *Biomedical Optics, BIOMED 2008*, pp. BWF7, (2008)
 50. Klyen, B.R., Armstrong, J.J., Adie, S.G., Radley, H.G., Grounds, M.D., Sampson, D.D., Three-dimensional optical coherence tomography of whole-muscle autografts as a precursor to morphological assessment of muscular dystrophy in mice, *Journal of Biomedical Optics*, 13 (1), art. no. 011003, (2008)
 51. Yamanari, M., Miura, M., Makita, S., Yatagai, T., Yasuno, Y., Phase retardation measurement of retinal nerve fiber layer by polarization-sensitive spectral-domain optical coherence tomography and scanning laser polarimetry, *Journal of Biomedical Optics*, 13 (1), art. no. 014013, (2008)
 52. Toughbaev, V., Eom, T.J., Yu, B.-A., Lee, Y.L., Shin, W., Gee, S., Ko, D.-K., Lee, J., Quasi-holographic solution to polarization-sensitive optical coherence tomography acceptable to nonlaboratory applications, *Journal of Biomedical Optics*, 13 (4), art. no. 044014, (2008)
 53. Al-Qaisi, M.K., Akkin, T., Polarization-sensitive optical coherence tomography based on polarization-maintaining fibers and frequency multiplexing, *Optics Express*, 16 (17), pp. 13032-13041, (2008)
 54. Sakai, S., Yamanari, M., Miyazawa, A., Matsumoto, M., Nakagawa, N., Sugawara, T., Kawabata, K., Yatagai, T., Yasuno, Y., In vivo three-dimensional birefringence analysis shows collagen differences between young and old photo-aged human skin, *Journal of Investigative Dermatology*, 128 (7), pp. 1641-1647, (2008)
 55. Miura, M., Yamanari, A., Iwasaki, T., Elsner, A.E., Makita, S., Yatagai, T., Yasuno, Y., Imaging polarimetry in age-related macular degeneration, *Investigative Ophthalmology and Visual Science*, 49 (6), pp. 2661-2667, (2008)
 56. Miyazawa, A., Sakai, S., Matsumoto, M., Nakagawa, N., Yamanari, M., Yasuno, Y., The evaluation of the photoaging of the human skin by three-dimensional polarization sensitive spectral domain optical coherence tomography, *Progress in Biomedical Optics and Imaging - SPIE*, 6842, art. no. 684207, (2008)
 57. Yamanari, M., Makita, S., Yatagai, T., Yasuno, Y., Polarization-sensitive swept-source optical coherence tomography with continuous polarization modulation, *SPIE* 6847, art. no. 68471J, (2008)
 58. Yamanari, M., Makita, S., Yasuno, Y., Polarization-sensitive swept-source optical coherence tomography with continuous source polarization modulation, *Optics Express*, 16 (8), pp. 5892-5906, (2008)
 59. Wang, Y., Chen, X., Hu, Z., Li, Q., Yu, D., Endoscopic spectral-domain polarization-sensitive optical coherence tomography system, *SPIE* 6621, art. no. 66211K, (2008)
 60. Yamanari, M., Miura, M., Makita, S., Yatagai, T., Yasuno, Y., Quantitative comparison of phase retardation measured by polarization-sensitive spectral-domain optical coherence tomography and scanning laser tomography, *Pacific Rim Conference on Lasers and Electro-Optics, CLEO - Technical Digest*, art. no. 4391359, (2007)
 61. Yamanari, M., Miura, M., Makita, S., Yatagai, T., Yasuno, Y., Phase retardation measurement of retinal nerve fiber layer using polarization-sensitive spectral domain optical coherence tomography and scanning laser polarimetry, *SPIE* 6627, art. no. 66270I, (2007)
 62. Miura, M., Yamanari, M., Watabnabe, Y., Mori, H., Iwasaki, T., Eisner, A.E., Kawana, K., Oshika, T., Yatagai, T., Yasuno, Y., Polarization-sensitive Fourier domain optical coherence tomography for the imaging the anterior segment disorder of the eyes, *SPIE* 6627, art. no. 66271S, (2007).
 63. Miura, M., Yamanari, M., Elsner, A.E., Yatagai, T., Yasuno, Y., Imaging polarimetry in macular disease with scanning laser polarimetry and polarization-sensitive Fourier-domain optical coherence tomography, *SPIE* 6426, art. no. 64260G, (2007)

64. Sakai, S., Yamanari, M., Miyazawa, A., Nakagawa, N., Matsumoto, M., Yatagai, T., Yasuno, Y., Three-dimensional evaluation of in vivo human skin by fiber based polarization sensitive spectral domain optical coherence tomography using B-scan oriented polarization modulation, SPIE 6424, art. no. 64240C, (2007)
65. Fan, C., Wang, Y., Wang, R.K., Spectral domain polarization sensitive optical coherence tomography achieved by single camera detection, Optics Express, 15 (13), pp. 7950-7961, (2007)
66. Guyot, S., Anastasiadou, M., Deléclle, E., De Martino, A., Registration scheme suitable to Mueller matrix imaging for biomedical applications, Optics Express, 15 (12), pp. 7393-7400, (2007)
67. Yamanari, M., Miura, M., Makita, S., Yatagai, T., Yasuno, Y., Birefringence measurement of retinal nerve fiber layer using polarization-sensitive spectral domain optical coherence tomography with Jones matrix based analysis, SPIE 6429, art. no. 64292M, (2007)
68. Yasuno, Y., Hong, Y., Makita, S., Yamanari, M., Akiba, M., Miura, M., Yatagai, T., In vivo high-contrast imaging of deep posterior eye by 1- μ m swept source optical coherence tomography and scattering optical coherence angiography, Optics Express, 15 (10), pp. 6121-6139, (2007)
69. Wang, R.K., Jacques, S.L., Ma, Z., Hurst, S., Hanson, S.R., Gruber, A., Three dimensional optical angiography, Optics Express, 15 (7), pp. 4083-4097, (2007).
70. Cense, B., Mujat, M., Chen, T.C., Park, B.H., De Boer, J.F., Polarization-sensitive spectral-domain optical coherence tomography using a single line scan camera, Optics Express, 15 (5), pp. 2421-2431, (2007)
71. Baumann, B., Götzinger, E., Pircher, M., Hitzengerber, C.K., Single camera based spectral domain polarization sensitive optical coherence tomography, Optics Express, 15 (3), pp. 1054-1063, (2007)
72. Yamanari, M., Miura, M., Makita, S., Yatagai, T., Yasuno, Y., Quantitative comparison of phase retardation measured by polarization-sensitive spectral-domain optical coherence tomography and scanning laser tomography, Optics InfoBase Conference Papers, (2007)
73. Miura, M., Yamanari, M., Watabnabe, Y., Mori, H., Iwasaki, T., Elsner, A.E., Kawana, K., Oshika, T., Yatagai, T., Yasuno, Y., Polarization-sensitive fourier domain optical coherence tomography for the imaging the anterior segment disorder of the eyes, Optics InfoBase Conference Papers, (2007)
74. Yamanari, M., Miura, M., Makita, S., Yatagai, T., Yasuno, Y., Phase retardation measurement of retinal nerve fiber layer using polarization-sensitive spectral domain optical coherence tomography and scanning laser polarimetry, Optics InfoBase Conference Papers, (2007)

Hori, Y., Yasuno, Y., Sakai, S., Matsumoto, M., Sugawara, T., Madjarova, V.D., Yamanari, M., Makita, S., Yasui, T., Araki, T., Itoh, M., Yatagai, T., Automatic characterization and segmentation of human skin using three-dimensional optical coherence tomography, Optics Express, 14 (5), pp. 1862-1877, (2006). е цитирана от:

1. Wang, C., Huo, T., Zheng, J.-G., Zhang, N., Chen, T., Liao, W., Wang, Y., Gu, Y., Xue, P., Automated assessment of epidermal thickness and vascular density of port wine stains OCT image, Journal of Innovative Optical Health Sciences, 7 (1), art. no. 1350052, (2014)
2. Su, Y., Meng, Z., Wang, L., Yu, H., Liu, T., Yao, X., Correlation analysis and calibration of noninvasive blood glucose monitoring in vivo with optical coherence tomography, Chinese Journal of Lasers, 41 (7), art. no. 0704002, (2014)
3. Tsugita, T., Iwai, T., Optical coherence tomography using images of hair structure and dyes penetrating into the hair, Skin Research and Technology, 20 (4), pp. 389-398, (2014)
4. Su, Y., Meng, Z., Wang, L., Yu, H., Liu, T., Effect of temperature on noninvasive blood glucose monitoring in vivo using optical coherence tomography, Chinese Optics Letters, 12 (11), art. no. 111701, 5 p, (2014)
5. Avanaki, M.R.N., Hojjatoleslami, A., Skin layer detection of optical coherence tomography images, Optik, 124 (22), pp. 5665-5668, (2013)
6. Donner, S., Müller, O., Witte, F., Bartsch, I., Willbold, E., Ripken, T., Heisterkamp, A., Rosenhahn, B., Krüger, A., In situ optical coherence tomography of percutaneous implant-tissue interfaces in a murine model, Biomedizinische Technik, 58 (4), pp. 359-367, (2013)
7. Gilanie, G., Attique, M., Hafeez-Ullah, Naweed, S., Ahmed, E., Ikram, M., Object extraction from T2 weighted brain MR image using histogram based gradient calculation, Pattern Recognition Letters, 34 (12), pp. 1356-1363, (2013)
8. Hojjatoleslami, A., Avanaki, M.R.N., OCT skin image enhancement through attenuation compensation, Applied Optics, 51 (21), pp. 4927-4935, (2012)
9. Berclaz, C., Goulley, J., Villiger, M., Pache, C., Bouwens, A., Martin-Williams, E., Van de Ville, D., Davison, A.C., Grapin-Botton, A., Lasser, T., Diabetes imaging-quantitative assessment of islets of langerhans distribution in murine pancreas using extended-focus optical coherence microscopy, Biomedical Optics Express, 3 (6), pp. 1365-1380, (2012)
10. Kim, J.-H., Han, J.-H., Jeong, J., Periodic reference subtraction method for efficient background fixed pattern noise removal in Fourier domain optical coherence tomography, Optics Communications, 285 (7), pp. 2012-2016, (2012)
11. Müller, O., Donner, S., Klinder, T., Dragon, R., Bartsch, I., Witte, F., Krüger, A., Heisterkamp, A., Rosenhahn, B., Model based 3D segmentation and OCT image undistortion of percutaneous implants,

- Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 6893 LNCS (PART 3), pp. 454-462, (2011)
12. Duan, L., Makita, S., Yamanari, M., Lim, Y., Yasuno, Y., Monte-Carlo-based phase retardation estimator for polarization sensitive optical coherence tomography, *Optics Express*, 19 (17), pp. 16330-16345, (2011)
 13. Bradu, A., Van Der Jeught, S., Malchow, D., Podoleanu, A.Gh., High-speed (92 kHz) Fourier domain optical coherence tomography system in the 1 μm band with real-time data re-sampling, *SPIE 7889*, art. no. 78892E, (2011)
 14. Tsai, M.-T., Chang, F.-Y., Lee, Y.-J., Lee, J.-D., Wang, H.-C., Lee, C.-K., Defect detection and property evaluation of indium tin oxide conducting glass using optical coherence tomography, *Optics Express*, 19 (8), pp. 7559-7566, (2011)
 15. Delacruz, J., Weissman, J., Gossage, K., Automated measurement of epidermal thickness from optical coherence tomography images using line region growing, *SPIE 7548*, art. no. 75480E, (2010)
 16. Matheus, T.C.U., Kauffman, C.M.F., Braz, A.K.S., Mota, C.C.B.O., Gomes, A.S.L., Fracture process characterization of fiber-reinforced dental composites evaluated by optical coherence tomography, SEM and optical microscopy, *Brazilian Dental Journal*, 21 (5), pp. 420-427, (2010)
 17. Tomlins, P.H., Adegun, O., Hagi-Pavli, E., Piper, K., Bader, D., Fortune, F., Scattering attenuation microscopy of oral epithelial dysplasia, *Journal of Biomedical Optics*, 15 (6), art. no. 066003, (2010)
 18. Enfield, J., O'Connell, M.-L., Lawlor, K., Jonathan, E., O'Mahony, C., Leahy, M., In-vivo dynamic characterization of microneedle skin penetration using optical coherence tomography, *Journal of Biomedical Optics*, 15 (4), art. no. 046001, (2010)
 19. Duma, V.-F., Rolland, J.P., Podoleanu, A.G., Perspectives of optical scanning in OCT, *SPIE 7556*, art. no. 75560B, (2010).
 20. Kitahara, H., Tani, M., Hangyo, M., Three-dimensional tomographic imaging in terahertz region, *Japanese Journal of Applied Physics*, 49 (2 Part 1), art. no. 020207, (2010)
 21. Ziolkowska, M., Philipp, C.M., Liebscher, J., Berlien, H.-P., OCT of healthy skin, actinic skin and NMSC lesions, *Medical Laser Application*, 24 (4), pp. 256-264, (2009)
 22. Gasca, F., Ramrath, L., Huettmann, G., Schweikard, A., Automated segmentation of tissue structures in optical coherence tomography data, *Journal of Biomedical Optics*, 14 (3), art. no. 034046, (2009)
 23. Li, Z., Wu, S., Cai, S., Li, H., Segment and feature extraction of optical coherence tomography image of mouse's skin in vivo using mathematical morphology, *Proceedings of the 2009 2nd International Conference on Biomedical Engineering and Informatics, BMEI 2009*, art. no. 5305877, (2009).
 24. Ding, Z., Chen, M., Wang, K., Meng, J., Wu, T., Shen, L., High-speed swept source and its applications in optical frequency-domain imaging, *Zhongguo Jiguang/Chinese Journal of Lasers*, 36 (10), pp. 2469-2476, (2009)
 25. Bazant-Hegemark, F., Stone, N., Towards automated classification of clinical optical coherence tomography data of dense tissues, *Lasers in Medical Science*, 24 (4), pp. 627-638, (2009)
 26. Yasuno, Y., Yamanari, M., Kawana, K., Oshika, T., Miura, M., Investigation of post-glaucoma-surgery structures by three-dimensional and polarization sensitive anterior eye segment optical coherence tomography, *Optics Express*, 17 (5), pp. 3980-3996, (2009)
 27. Bazant-Hegemark, F., Stone, N., Near real-time classification of optical coherence tomography data using principal components fed linear discriminant analysis, *Journal of Biomedical Optics*, 13 (3), art. no. 034002, (2008)
 28. Tsai, M.-T., Lee, H.-C., Lee, C.-K., Yu, C.-H., Chen, H.-M., Chiang, C.-P., Chang, C.-C., Wang, Y.-M., Yang, C.C., Effective indicators for diagnosis of oral cancer using optical coherence tomography, *Optics Express*, 16 (20), pp. 15847-15862, (2008)
 29. Bazant-Hegemark, F., Meglinski, I., Kandamany, N., Monk, B., Stone, N., Optical coherence tomography: A potential tool for unsupervised prediction of treatment response for Port-Wine Stains, *Photodiagnosis and Photodynamic Therapy*, 5 (3), pp. 191-197, (2008)
 30. Sakai, S., Yamanari, M., Miyazawa, A., Matsumoto, M., Nakagawa, N., Sugawara, T., Kawabata, K., Yatagai, T., Yasuno, Y., In vivo three-dimensional birefringence analysis shows collagen differences between young and old photo-aged human skin, *Journal of Investigative Dermatology*, 128 (7), pp. 1641-1647, (2008)
 31. Miyazawa, A., Sakai, S., Matsumoto, M., Nakagawa, N., Yamanari, M., Yasuno, Y., The evaluation of the photoaging of the human skin by three-dimensional polarization sensitive spectral domain optical coherence tomography, *SPIE 6842*, art. no. 684207, (2008)
 32. Wang, Z., Pan, H., Yuan, Z., Liu, J., Chen, W., Pan, Y., Assessment of dermal wound repair after collagen implantation with optical coherence tomography, *Tissue Engineering - Part C: Methods*, 14 (1), pp. 35-45, (2008)
 33. Kitahara, H., Enatsu, T., Tani, M., Hangyo, M., THz tomographic imaging by using two-dimensional electro-optic sampling, *IRMMW-THz2007 - Conference Digest of the Joint 32nd International Conference on Infrared and Millimetre Waves, and 15th International Conference on Terahertz Electronics*, art. no. 4516788, pp. 911-912, (2007)
 34. Menzel, R., Photonics: Linear and nonlinear interactions of laser light and matter, *Photonics: Linear and Nonlinear Interactions of Laser Light and Matter*, pp. 1-1024, (2007)

35. Makita, S., Hong, Y., Miura, M., Yamanari, M., Yatagai, T., Yasuno, Y., Optical coherence angiography for the retina and choroid, SPIE 6627, art. no. 66271O, (2007)
36. Hong, Y., Makita, S., Yamanari, M., Miura, M., Kim, S., Yatagai, T., Yasuno, Y., Phase-insensitive optical coherence angiography, SPIE 6426, art. no. 64260A, (2007)
37. Sakai, S., Yamanari, M., Miyazawa, A., Nakagawa, N., Matsumoto, M., Yatagai, T., Yasuno, Y., Three-dimensional evaluation of in vivo human skin by fiber based polarization sensitive spectral domain optical coherence tomography using B-scan oriented polarization modulation, SPIE 6424, art. no. 64240C, (2007)
38. Kitahara, H., Takano, K., Ikeda, T., Tani, M., Hangyo, M., Applications of terahertz time-domain reflectometry, IEEJ Transactions on Fundamentals and Materials, 127 (7), pp. 391-396+4, (2007)
39. Hong, Y., Makita, S., Yamanari, M., Miura, M., Kim, S., Yatagai, T., Yasuno, Y., Three-dimensional visualization of choroidal vessels by using standard and ultra-high resolution scattering optical coherence angiography, Optics Express, 15 (12), pp. 7538-7550, (2007)
40. Yasuno, Y., Hong, Y., Makita, S., Miura, M., Yatagai, T., Phase-insensitive optical coherence angiography of the choroid by 1-micrometer band swept-source optical coherence tomography, SPIE 6429, art. no. 642905, (2007)
41. Yasuno, Y., Hong, Y., Makita, S., Yamanari, M., Akiba, M., Miura, M., Yatagai, T., In vivo high-contrast imaging of deep posterior eye by 1- μ m swept source optical coherence tomography and scattering optical coherence angiography, Optics Express, 15 (10), pp. 6121-6139, (2007)
42. Gambichler, T., Moussa, G., Regeniter, P., Kasseck, C., Hofmann, M.R., Bechara, F.G., Sand, M., Altmeyer, P., Hoffmann, K., Validation of optical coherence tomography in vivo using cryostat histology, Physics in Medicine and Biology, 52 (5), art. no. N01, pp. N75-N85, (2007)
43. Makita, S., Hong, Y., Miura, M., Yamanari, M., Yatagai, T., Yasuno, Y., Optical coherence angiography for the retina and choroid, Optics InfoBase Conference Papers, (2007).
44. Gambichler, T., Matip, R., Moussa, G., Altmeyer, P., Hoffmann, K., In vivo data of epidermal thickness evaluated by optical coherence tomography: Effects of age, gender, skin type, and anatomic site, Journal of Dermatological Science, 44 (3), pp. 145-152, (2006)
45. Cobb, M.J., Chen, Y., Underwood, R.A., Usui, M.L., Olerud, J., Li, X., Noninvasive assessment of cutaneous wound healing using ultrahigh-resolution optical coherence tomography, Journal of Biomedical Optics, 11 (6), art. no. 064002, (2006)

Yasuno, Y., Madjarova, V.D., Makita, S., Akiba, M., Morosawa, A., Chong, C., Sakai, T., Chan, K.-P., Itoh, M., Yatagai, T., Three-dimensional and high-speed swept-source optical coherence tomography for in vivo investigation of human anterior eye segments, Optics Express, 13 (26), pp. 10652-10680, (2005) е цитирана от:

1. Yoshihara, M., Maeda, N., Soma, T., Fuchihata, M., Hayashi, A., Koh, S., Oie, Y., Nishida, K., Corneal topographic analysis of patients with Mooren ulcer using 3-dimensional anterior segment optical coherence tomography, Cornea, 34 (1), pp. 54-59, (2015)
2. Shimizu, T., Yamaguchi, T., Satake, Y., Shimazaki, J., Topographic hot spot before descemet stripping automated endothelial keratoplasty is associated with postoperative hyperopic shift, Cornea, 34 (3), pp. 257-263, (2015)
3. Hong, Y.-J., Makita, S., Sugiyama, S., Yasuno, Y., Optically buffered Jones-matrix-based multifunctional optical coherence tomography with polarization mode dispersion correction, Biomedical Optics Express, 6 (1), pp. 225-243, (2015)
4. Koprowski, R., Nowińska, A., Wylegała, E., Wróbel, Z., A new algorithm and problems in automatic anterior eye chamber volume determining, Computers in Biology and Medicine, 52, pp. 144-152, (2014)
5. Wieser, W., Draxinger, W., Klein, T., Karpf, S., Pfeiffer, T., Huber, R., High definition live 3D-OCT in vivo: Design and evaluation of a 4D OCT engine with 1 GVoxel/s, Biomedical Optics Express, 5 (9), pp. 2963-2977, (2014)
6. Shen, Y., Ding, Z., Yan, Y., Wang, C., Yang, Y., Zhang, Y., Extended range phase-sensitive swept source interferometer for real-time dimensional metrology, Optics Communications, 318, pp. 88-94, (2014)
7. Bonesi, M., Minneman, M.P., Ensher, J., Zabihian, B., Sattmann, H., Boschert, P., Hoover, E., Leitgeb, R.A., Crawford, M., Drexler, W., Akinetic all-semiconductor programmable swept-source at 1550 nm and 1310 nm with centimeters coherence length, Optics Express, 22 (3), pp. 2632-2655, (2014)
8. Bradu, A., Podoleanu, A.G., Calibration-free B-scan images produced by master/slave optical coherence tomography, Optics Letters, 39 (3), pp. 450-453, (2014)
9. Lee, C.-K., Tsai, M.-T., Wu, C.-T., A pseudo-spectrum reconstruction method for reducing saturation artifact in spectral-domain optical coherence tomography, SPIE 9129, art. no. 91290K, (2014)
10. Sun, Y., Fan, S., Zheng, H., Dai, C., Ren, Q., Zhou, C., Noninvasive imaging and measurement of accommodation using dual-channel SD-OCT, Current Eye Research, 39 (6), pp. 611-619, (2014)
11. Wang, L., Zhu, H., Tu, P., Wu, K., High-speed three-dimensional swept source optical coherence tomography system based on LabVIEW, Chinese Journal of Lasers, 41 (7), art. no. 0704001, (2014)

12. Ueno, Y., Hiraoka, T., Beheregaray, S., Miyazaki, M., Ito, M., Oshika, T., Age-related changes in anterior, posterior, and total corneal astigmatism, *Journal of Refractive Surgery*, 30 (3), pp. 192-197, (2014)
13. Li, X., Li, J., Jing, J., Ma, T., Liang, S., Zhang, J., Mohar, D., Raney, A., Mahon, S., Brenner, M., Patel, P., Shung, K.K., Zhou, Q., Chen, Z., Integrated IVUS-OCT Imaging for Atherosclerotic Plaque Characterization, *IEEE Journal on Selected Topics in Quantum Electronics*, 20 (2), art. no. 6573330, (2014)
14. Ong, Y.-L., Ong, Y.-T., Ikram, M.K., Chen, C.L.H., Wong, T.Y., Cheung, C.Y.-L., Potential applications of spectral-domain optical coherence tomography (SD-OCT) in the study of Alzheimer's disease, *Proceedings of Singapore Healthcare*, 23 (1), pp. 74-83, (2014)
15. Ueno, M., Okabe, O., Toyoda, S., Sakamoto, T., Sasaki, Y., Kobayashi, J., Naganuma, K., Yagi, S., Improvement of coherence length in a 200 kHz swept light source with a KTa_{1-x}Nb_xO₃ deflector using an etalon, *Applied Physics Express*, 6 (12), art. no. 122501, (2013)
16. Mak, H., Xu, G., Leung, C.K.-S., Imaging the iris with swept-source optical coherence tomography: Relationship between iris volume and primary angle closure, *Ophthalmology*, 120 (12), pp. 2517-2524, (2013)
17. Jeught, S.V.D., Buytaert, J.A.N., Bradu, A., Podoleanu, A.G., Dirckx, J.J.J., Large-volume optical coherence tomography with real-time correction of geometric distortion artifacts, *Recent Advances in Topography Research*, pp. 219-236, (2013)
18. Cho, N.H., Jung, U., Jang, J.H., Jung, W., Kim, J., Lee, S.H., Boppart, S.A., Optical coherence tomography for the diagnosis of human otitis media, *SPIE* 8879, art. no. 88790N, (2013)
19. Koh, S., Ikeda, C., Takai, Y., Watanabe, H., Maeda, N., Nishida, K., Long-term results of treatment with diquafosol ophthalmic solution for aqueous-deficient dry eye, *Japanese Journal of Ophthalmology*, 57 (5), pp. 440-446, (2013)
20. Ju, M.J., Hong, Y.-J., Makita, S., Lim, Y., Kurokawa, K., Duan, L., Miura, M., Tang, S., Yasuno, Y., Advanced multi-contrast Jones matrix optical coherence tomography for Doppler and polarization sensitive imaging, *Optics Express*, 21 (16), pp. 19412-19436, (2013)
21. Okabe, Y., Ueno, M., Sasaki, Y., Sakamoto, T., Toyoda, S., Kobayashi, J., Sugawa, Y., Fukuda, A., Ohmi, M., Three-dimensional high-speed optical coherence tomography system using KTN swept light source, *Electronics Letters*, 49 (16), pp. 981-982, (2013)
22. McKee, H., Ye, C., Yu, M., Liu, S., Lam, D.S.C., Leung, C.K.S., Anterior chamber angle imaging with swept-source optical coherence tomography: Detecting the scleral spur, schwalbe's line, and schlemm's canal, *Journal of Glaucoma*, 22 (6), pp. 468-472, (2013)
23. Poddar, R., Cortés, D.E., Werner, J.S., Mannis, M.J., Zawadzki, R.J., Three-dimensional anterior segment imaging in patients with type 1 Boston Keratoprosthesis with switchable full depth range swept source optical coherence tomography, *Journal of Biomedical Optics*, 18 (8), art. no. 086002, (2013)
24. Mishima, K., Tomidokoro, A., Suramethakul, P., Mataka, N., Kurita, N., Mayama, C., Araie, M., Iridotrabecular contact observed using anterior segment three-dimensional OCT in eyes with a shallow peripheral anterior chamber, *Investigative Ophthalmology and Visual Science*, 54 (7), pp. 4628-4635, (2013)
25. Lai, I., Mak, H., Lai, G., Yu, M., Lam, D.S.C., Leung, C.K.S., Anterior chamber angle imaging with swept-source optical coherence tomography: Measuring peripheral anterior synechia in glaucoma, *Ophthalmology*, 120 (6), pp. 1144-1149, (2013)
26. Min, E.J., Lee, J.H., Shin, J.G., Kwon, S.-M., You, H., Yoon, J.-H., Kim, Y.-C., Lee, B.H., Dual-channel fiber-probe for simultaneous imaging of swept source optical coherence tomography and fluorescence spectroscopy, *SPIE* 8576, art. no. 85760B, (2013)
27. Poddar, R., Cortes, D., Zawadzki, R.J., Mannis, M.J., Werner, J.S., Application of full range swept source optical coherence tomography for imaging of the anterior eye segment in patients with type I Boston Keratoprosthesis, *SPIE* 8571, art. no. 85713C, (2013)
28. Jhanji, V., Yang, B., Yu, M., Ye, C., Leung, C.K.S., Corneal thickness and elevation measurements using swept-source optical coherence tomography and slit scanning topography in normal and keratoconic eyes, *Clinical and Experimental Ophthalmology*, 41 (8), pp. 735-745, (2013)
29. Van Der Jeught, S., Buytaert, J.A.N., Bradu, A., Podoleanu, A.G., Dirckx, J.J.J., Real-time correction of geometric distortion artefacts in large-volume optical coherence tomography, *Measurement Science and Technology*, 24 (5), art. no. 057001, (2013)
30. Hattori, T., Kumakura, S., Mori, H., Goto, H., Depiction of cavity formation in terrien marginal degeneration by anterior segment optical coherence tomography, *Cornea*, 32 (5), pp. 615-618, (2013)
31. Fukuda, R., Usui, T., Miyai, T., Mori, Y., Miyata, K., Amano, S., Corneal thickness and volume measurements by swept source anterior segment optical coherence tomography in normal subjects, *Current Eye Research*, 38 (5), pp. 531-536, (2013)
32. Cho, N.H., Jung, U., Kim, S., Jung, W., Oh, J., Kang, H.W., Kim, J., High speed SD-OCT system using GPU accelerated mode for in vivo human eye imaging, *Journal of the Optical Society of Korea*, 17 (1), pp. 68-72, (2013)
33. Lee, C.-K., Tsai, M.-T., Chang, F.-Y., Yang, C.-H., Shen, S.-C., Yuan, O., Yang, C.-H., Evaluation of moisture-related attenuation coefficient and water diffusion velocity in human skin using optical coherence tomography, *Sensors (Switzerland)*, 13 (4), pp. 4041-4050, (2013)

34. Fukuda, R., Usui, T., Miyai, T., Yamagami, S., Amano, S., Tear meniscus evaluation by anterior segment swept-source optical coherence tomography, *American Journal of Ophthalmology*, 155 (4), pp. 620-624.e2, (2013)
35. Nazari, A., Sadr, A., Saghiri, M.A., Campillo-Funollet, M., Hamba, H., Shimada, Y., Tagami, J., Sumi, Y., Non-destructive characterization of voids in six flowable composites using swept-source optical coherence tomography, *Dental Materials*, 29 (3), pp. 278-286, (2013)
36. Wu, T., Liu, Y., Optimal non-uniform fast Fourier transform for high-speed swept source optical coherence tomography, *Chinese Optics Letters*, 11 (2), art. no. 021702, (2013)
37. Nazari, A., Sadr, A., Campillo-Funollet, M., Nakashima, S., Shimada, Y., Tagami, J., Sumi, Y., Effect of hydration on assessment of early enamel lesion using swept-source optical coherence tomography, *Journal of Biophotonics*, 6 (2), pp. 171-177, (2013)
38. Fukuda, S., Yamanari, M., Lim, Y., Hoshi, S., Beheregaray, S., Oshika, T., Yasuno, Y., Keratoconus diagnosis using anterior segment polarization-sensitive optical coherence tomography, *Investigative Ophthalmology and Visual Science*, 54 (2), pp. 1384-1391, (2013)
39. Sasaki, Y., Okabe, Y., Ueno, M., Sakamoto, T., Toyoda, S., Kobayashi, J., Yagi, S., Naganuma, K., High-speed KTN optical beam deflector for swept-source optical coherence tomography, *ICSJ 2013 - IEEE CPMT Symposium Japan*, art. no. 6756100, (2013)
40. Satoh, N., Shimizu, K., Goto, A., Igarashi, A., Kamiya, K., Ohbayashi, K., Accommodative changes in human eye observed by Kitasato anterior segment optical coherence tomography, *Japanese Journal of Ophthalmology*, 57 (1), pp. 113-119, (2013)
41. Takeda, M., Fourier fringe analysis and its application to metrology of extreme physical phenomena: A review [Invited], *Applied Optics*, 52 (1), pp. 20-29, (2013)
42. Majander, A.S., Lindahl, P.M., Vasara, L.K., Krotila, K., Anterior segment optical coherence tomography in congenital corneal opacities, *Ophthalmology*, 119 (12), pp. 2450-2457, (2012)
43. Li, Y., Tan, O., Brass, R., Weiss, J.L., Huang, D., Corneal epithelial thickness mapping by fourier-domain optical coherence tomography in normal and keratoconic eyes, *Ophthalmology*, 119 (12), pp. 2425-2433, (2012)
44. Dhalla, A.-H., Shia, K., Izatt, J.A., Efficient sweep buffering in swept source optical coherence tomography using a fast optical switch, *Biomedical Optics Express*, 3 (12), pp. 3054-3066, (2012)
45. Tu, C., Deng, Y., Cai, M., Huang, Z., Li, Y., Lu, F., Li, E., Theoretical study on instantaneous linewidth of Fourier-domain mode-locked fiber lasers, *Optics Communications*, 285 (24), pp. 5287-5292, (2012)
46. Wang, F., Shi, G., Li, X., Lu, J., Ding, Z., Sun, X., Jiang, C., Zhang, Y., Comparison of Schlemm's canal's biological parameters in primary open-angle glaucoma and normal human eyes with swept source optical, *Journal of Biomedical Optics*, 17 (11), art. no. 116008, (2012)
47. Grulkowski, I., Liu, J.J., Potsaid, B., Jayaraman, V., Lu, C.D., Jiang, J., Cable, A.E., Duker, J.S., Fujimoto, J.G., Retinal, anterior segment and full eye imaging using ultrahigh speed swept source OCT with vertical-cavity surface emitting lasers, *Biomedical Optics Express*, 3 (11), pp. 2733-2751, (2012)
48. Wieser, W., Klein, T., Adler, D.C., Trépanier, F., Eigenwillig, C.M., Karpf, S., Schmitt, J.M., Huber, R., Extended coherence length megahertz FDML and its application for anterior segment imaging, *Biomedical Optics Express*, 3 (10), pp. 2647-2657, (2012)
49. Eom, J.B., Kim, Y., Lee, S.J., Min, E.J., Park, S.J., Lee, B.H., Ball lens based lensed patch cord probes for optical coherence tomography in the field of dentistry, *Optics Communications*, 285 (21-22), pp. 4333-4337, (2012)
50. Golez, E., Latina, M., The use of anterior segment imaging after trabeculectomy, *Seminars in Ophthalmology*, 27 (5-6), pp. 160-164, (2012)
51. Higashiura, R., Maeda, N., Nakagawa, T., Fuchihata, M., Koh, S., Hori, Y., Inoue, T., Nishida, K., Corneal topographic analysis by 3-dimensional anterior segment optical coherence tomography after endothelial keratoplasty, *Investigative Ophthalmology and Visual Science*, 53 (7), pp. 3286-3295, (2012)
52. Ryu, S.Y., Choi, H.Y., Chang, K.S., Kim, G.H., Choi, W.J., Ahn, S.-G., Kim, Y.C., Yoon, J.-H., Lee, B.H., A fiber-based single-unit dual-mode optical Imaging system: Swept source optical coherence tomography and fluorescence spectroscopy, *Optics Communications*, 285 (9), pp. 2478-2482, (2012)
53. Folio, L.S., Wollstein, G., Schuman, J.S., Optical coherence tomography: Future trends for imaging in glaucoma, *Optometry and Vision Science*, 89 (5), pp. E554-E562, (2012)
54. Tsai, M.-T., Lee, Y.-J., Yao, Y.-C., Kung, C.-Y., Chang, F.-Y., Lee, J.-D., Quantitative phase imaging with swept-source optical coherence tomography for optical measurement of nanostructures, *IEEE Photonics Technology Letters*, 24 (8), art. no. 6140545, pp. 640-642, (2012)
55. Karnowski, K., Alonso-Caneiro, D., Kałuzny, B., Kowalczyk, A., Wojtkowski, M., Swept source OCT with air puff chamber for corneal dynamics measurements, *SPIE 8209*, art. no. 82090R, (2012)
56. Motaghiannezam, R., Fraser, S., Differential intensity contrast swept source optical coherence tomography for human retinal vasculature visualization, *SPIE 8209*, art. no. 82090O, (2012)
57. Yu, S., Takasaki, Y., Kuroda, K., Yoshikuni, Y., Transverse characteristics of two-dimensional imaging by Fourier domain optical coherence tomography, *IEICE Transactions on Electronics*, E95-C (4), pp. 761-764, (2012)

58. Motaghianezam, R., Schwartz, D.M., Fraser, S.E., In vivo human choroidal vascular pattern visualization using high-speed swept-source optical coherence tomography at 1060 nm, *Investigative Ophthalmology and Visual Science*, 53 (4), pp. 2337-2343, (2012)
59. Min, G., Kim, J.W., Choi, W.J., Lee, B.H., Numerical correction of distorted images in full-field optical coherence tomography, *Measurement Science and Technology*, 23 (3), art. no. 035403, (2012)
60. Szalai, E., Berta, A., Hassan, Z., Módos Jr., L., Reliability and repeatability of swept-source Fourier-domain optical coherence tomography and Scheimpflug imaging in keratoconus, *Journal of Cataract and Refractive Surgery*, 38 (3), pp. 485-494, (2012)
61. Motaghianezam, R., Fraser, S., Logarithmic intensity and speckle-based motion contrast methods for human retinal vasculature visualization using swept source optical coherence tomography, *Biomedical Optics Express*, 3 (3), pp. 503-521, (2012)
62. Jaillon, F., Makita, S., Yasuno, Y., Variable velocity range imaging of the choroid with dual-beam optical coherence angiography, *Optics Express*, 20 (1), pp. 385-396, (2012)
63. Omran, H., Sakhawy, S., Shalaby, M., Khalil, D., Linewidth of swept laser source, *SPIE 8213*, art. no. 82133O, (2012)
64. Motaghianezam, R., Fraser, S., In vivo human retinal and choroidal vasculature visualization using differential phase contrast swept source optical coherence tomography at 1060 nm, *SPIE 8213*, art. no. 821304, (2012)
65. Ohmi, M., Tanigawa, M., Wada, Y., Haruna, M., Dynamic analysis for internal mental sweating of a group of eccrine sweat glands by optical coherence tomography, 2011 Int. Quantum Electron. Conf., IQEC 2011 and Conf. Lasers and Electro-Optics, CLEO Pacific Rim 2011 Incorporating the Australasian Conf. Optics, Lasers and Spectroscopy and the Australian Conf., art. no. 6193751, pp. 1365-1367, (2011).
66. Ohmi, M., Tanigawa, M., Wada, Y., Haruna, M., Dynamic analysis for internal mental sweating of a group of eccrine sweat glands by optical coherence tomography, *Optics InfoBase Conference Papers*, pp. 1365-1367, (2011).
67. Wu, T., Ding, Z., Wang, C., Chen, M., Full-range swept source optical coherence tomography based on carrier frequency by transmissive dispersive optical delay line, *Journal of Biomedical Optics*, 16 (12), art. no. 126008, (2011)
68. Shannon, L., Li, J., Mohammadnia, M.R., Sarunic, M.V., Evaluating the scalability of high-performance, fourier-domain optical coherence tomography on GPGPUs and FPGAs, *Conference Record - Asilomar Conference on Signals, Systems and Computers*, art. no. 6190047, pp. 483-487, (2011)
69. Grulkowski, I., Liu, J.J., Baumann, B., Potsaid, B., Lu, C., Fujimoto, J.G., Imaging limbal and scleral vasculature using swept source optical coherence tomography, *Photonics Letters of Poland*, 3 (4), pp. 132-134, (2011)
70. Minneman, M.P., Ensher, J., Crawford, M., Derickson, D., All-semiconductor high-speed akinetic swept-source for OCT, 2011 Asia Communications and Photonics Conference and Exhibition, ACP 2011, art. no. 6210922, (2011)
71. Minneman, M.P., Ensher, J., Crawford, M., Derickson, D., All-semiconductor high-speed akinetic swept-source for OCT, *SPIE 8311*, art. no. 831116, (2011)
72. Takeda, M., Measurements of extreme physical phenomena by Fourier fringe analysis: A review. From sub-ångstrom lattice distortion measurement to attosecond pulse phase measurement, *SPIE 8011*, art. no. 80116S, (2011)
73. Minneman, M.P., Ensher, J., Crawford, M., Derickson, D., All-semiconductor high-speed akinetic swept-source for OCT, *Optics InfoBase Conference Papers*, (2011).
74. Bousi, E., Charalambous, I., Pitris, C., Fourier domain optical coherence tomography axial resolution improvement with modulated deconvolution, *Optics InfoBase Conference Papers*, art. no. 80910P, (2011).
75. Fujiwara, K., Matoba, O., High-speed cross-sectional imaging of valuable documents using common-path swept-source optical coherence tomography, *Applied Optics*, 50 (34), pp. H165-H170, (2011)
76. Baumann, B., Potsaid, B., Kraus, M.F., Liu, J.J., Huang, D., Hornegger, J., Cable, A.E., Duker, J.S., Fujimoto, J.G., Total retinal blood flow measurement with ultrahigh speed swept source/Fourier domain OCT, *Biomedical Optics Express*, 2 (6), pp. 1539-1552, (2011)
77. Liu, S., Yu, M., Ye, C., Lam, D.S.C., Leung, C.K.-S., Anterior chamber angle imaging with swept-source optical coherence tomography: An investigation on variability of angle measurement, *Investigative Ophthalmology and Visual Science*, 52 (12), pp. 8598-8603, (2011)
78. Lee, S.-W., Song, H.-W., Jung, M.-Y., Kim, S.-H., Wide tuning range wavelength-swept laser with a single SOA at 1020 nm for ultrahigh resolution Fourier-domain optical coherence tomography, *Optics Express*, 19 (22), pp. 21227-21237, (2011)
79. Braaf, B., Vermeer, K.A., Sicam, V.A.D.P., Van Zeeburg, E., Van Meurs, J.C., De Boer, J.F., Phase-stabilized optical frequency domain imaging at 1- μ m for the measurement of blood flow in the human choroid, *Optics Express*, 19 (21), pp. 20886-20903, (2011)
80. Agawa, T., Miura, M., Ikuno, Y., Makita, S., Fabritius, T., Iwasaki, T., Goto, H., Nishida, K., Yasuno, Y., Choroidal thickness measurement in healthy Japanese subjects by three-dimensional high-penetration optical

- coherence tomography, Graefe's Archive for Clinical and Experimental Ophthalmology, 249 (10), pp. 1485-1492, (2011)
81. Wu, T., Ding, Z., Wang, L., Chen, M., Spectral phase based k-domain interpolation for uniform sampling in swept-source optical coherence tomography, Optics Express, 19 (19), pp. 18430-18439, (2011)
 82. Lee, S.-W., Song, H.-W., Kim, B.-K., Jung, M.-Y., Kim, S.-H., du Cho, J., Kim, C.-S., Fourier domain optical coherence tomography for retinal imaging with 800-NM swept source: Real-time resampling in k-domain, Journal of the Optical Society of Korea, 15 (3), pp. 293-299, (2011)
 83. Tsai, M.-T., Chi, T.-T., Liu, H.-L., Chang, F.-Y., Yang, C.-H., Lee, C.-K., Yang, C.-C., Microvascular imaging using swept-source optical coherence tomography with single-channel acquisition, Applied Physics Express, 4 (9), art. no. 097001, (2011)
 84. Tsai, M.-T., Chang, F.-Y., Lee, C.-K., Chi, T.-T., Yang, K.-M., Lin, L.-Y., Wu, J.-T., Yang, C.-C., Observations of cardiac beating behaviors of wild-type and mutant *Drosophila* with optical coherence tomography, Journal of Biophotonics, 4 (9), pp. 610-618, (2011)
 85. Bousi, E., Charalambous, I., Pitris, C., Fourier domain optical coherence tomography axial resolution improvement with modulated deconvolution, SPIE 8091, art. no. 80910P, (2011)
 86. Alonso-Caneiro, D., Karnowski, K., Kaluzny, B.J., Kowalczyk, A., Wojtkowski, M., Assessment of corneal dynamics with high-speed swept source Optical Coherence Tomography combined with an air puff system, Optics Express, 19 (15), pp. 14188-14199, (2011)
 87. Li, J., Sarunic, M.V., Shannon, L., Scalable, high performance fourier domain optical coherence tomography: Why FPGAs and not GPGUs, Proceedings - IEEE International Symposium on Field-Programmable Custom Computing Machines, FCCM 2011, art. no. 5771247, pp. 49-56, (2011)
 88. Ohmi, M., Tanigawa, M., Wada, Y., Haruna, M., Dynamic analysis for mental sweating of a group of eccrine sweat glands on a human fingertip by optical coherence tomography, SPIE 7753, art. no. 775371, (2011)
 89. Lee, E.J., Kim, Y.P., Swept source optical coherence tomography with external clocking using voltage controlled oscillator, Optical Engineering, 50 (5), art. no. 053205, (2011)
 90. Bousi, E., Charalambous, I., Pitris, C., Modulated deconvolution for resolution improvement in Fourier domain optical coherence tomography, SPIE 7889, art. no. 78893A, (2011)
 91. Tsai, M.-T., Chang, F.-Y., Lee, Y.-J., Lee, J.-D., Wang, H.-C., Lee, C.-K., Defect detection and property evaluation of indium tin oxide conducting glass using optical coherence tomography, Optics Express, 19 (8), pp. 7559-7566, (2011)
 92. Gabriele, M.L., Wollstein, G., Ishikawa, H., Kagemann, L., Xu, J., Folio, L.S., Schuman, J.S., Optical coherence tomography: History, current status, and laboratory work, Investigative Ophthalmology and Visual Science, 52 (5), pp. 2425-2436, (2011)
 93. Ju, M.J., Lee, S.J., Kim, Y., Shin, J.G., Kim, H.Y., Lim, Y., Yasuno, Y., Lee, B.H., Multimodal analysis of pearls and pearl treatments by using optical coherence tomography and fluorescence spectroscopy, Optics Express, 19 (7), pp. 6420-6432, (2011)
 94. Cho, N.H., Jung, U., Kwon, H.I., Jeong, H.A., Kim, J., Development of SD-OCT for imaging the in vivo human tympanic membrane, Journal of the Optical Society of Korea, 15 (1), pp. 74-77, (2011)
 95. Fukuda, S., Kawana, K., Yasuno, Y., Oshika, T., Wound architecture of clear corneal incision with or without stromal hydration observed with 3-dimensional optical coherence tomography, American Journal of Ophthalmology, 151 (3), pp. 413-419.e1, (2011)
 96. Fukuda, S., Kawana, K., Yasuno, Y., Oshika, T., Repeatability and reproducibility of anterior chamber volume measurements using 3-dimensional corneal and anterior segment optical coherence tomography, Journal of Cataract and Refractive Surgery, 37 (3), pp. 461-468, (2011)
 97. Leung, C.K.-S., Weinreb, R.N., Anterior chamber angle imaging with optical coherence tomography, Eye, 25 (3), pp. 261-267, (2011)
 98. Makita, S., Jaillon, F., Yamanari, M., Miura, M., Yasuno, Y., Comprehensive in vivo micro-vascular imaging of the human eye by dual-beam-scan Doppler optical coherence angiography, Optics Express, 19 (2), pp. 1271-1283, (2011)
 99. Sakata, Y., Saeki, S., Saito, T., Ohgi, J., Study on nondestructive tomographic visualization of plane-woven fiber-reinforced rubber using Optical Coherence Strainography, ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE), 9, pp. 351-354, (2010)
 100. Furukawa, H., Hiro-Oka, H., Satoh, N., Yoshimura, R., Choi, D., Nakanishi, M., Igarashi, A., Ishikawa, H., Ohbayashi, K., Shimizu, K., Full-range imaging of eye accommodation by high-speed long-depth range optical frequency domain imaging, Biomedical Optics Express, 1 (5), pp. 1491-1501, (2010)
 101. Adie, S.G., Boppart, S.A., Optical coherence tomography for cancer detection, Optical Imaging of Cancer: Clinical Applications, pp. 209-250, (2010)
 102. Fukuda, S., Kawana, K., Yasuno, Y., Oshika, T., Repeatability and reproducibility of anterior ocular biometric measurements with 2-dimensional and 3-dimensional optical coherence tomography, Journal of Cataract and Refractive Surgery, 36 (11), pp. 1867-1873, (2010)
 103. Yasuno, Y., Yamanari, M., Kawana, K., Miura, M., Fukuda, S., Makita, S., Sakai, S., Oshika, T., Visibility of trabecular meshwork by standard and polarization-sensitive optical coherence tomography, Journal of Biomedical Optics, 15 (6), art. no. 061705, (2010)

- 104.Fercher, A.F., Optical coherence tomography - development, principles, applications [Optische Kohärenz-Tomographie - Entwicklung, Grundlagen, Anwendungen], Zeitschrift für Medizinische Physik, 20 (4), pp. 251-276, (2010)
- 105.Potsaid, B., Baumann, B., Huang, D., Barry, S., Cable, A.E., Schuman, J.S., Duker, J.S., Fujimoto, J.G., Ultrahigh speed 1050nm swept source/Fourier domain OCT retinal and anterior segment imaging at 100,000 to 400,000 axial scans per second, Optics Express, 18 (19), pp. 20029-20048, (2010)
- 106.Maeda, N., Optical coherence tomography for corneal diseases, Eye and Contact Lens, 36 (5), pp. 254-259, (2010)
- 107.Watanabe, Y., Maeno, S., Aoshima, K., Hasegawa, H., Koseki, H., Real-time processing for full-range Fourier-domain optical-coherence tomography with zero-filling interpolation using multiple graphic processing units, Applied Optics, 49 (25), pp. 4756-4762, (2010)
- 108.Anna, T., Shakhер, C., Mehtaa, D.S., Simultaneous topography and tomography of micro-structures using full-field swept-source optical coherence tomography, AIP Conference Proceedings, 1236, pp. 155-160, (2010)
- 109.Wieser, W., Biedermann, B.R., Klein, T., Eigenwillig, C.M., Huber, R., Multi-Megahertz OCT: High quality 3D imaging at 20 million A-scans and 4.5 GVoxels per second, Optics Express, 18 (14), pp. 14685-14704, (2010)
- 110.Ju, M.J., Lee, S.J., Min, E.J., Kim, Y., Kim, H.Y., Lee, B.H., Evaluating and identifying pearls and their nuclei by using optical coherence tomography, Optics Express, 18 (13), pp. 13468-13477, (2010)
- 111.Sakata, Y., Saeki, S., Saito, T., Ohgi, J., Tomographic visualization on micro mechanics of plain-woven fiber-reinforced rubber using optical coherence strainography, Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 76 (766), pp. 770-776, (2010)
- 112.Ryu, S.Y., Ju, M.J., Park, K.S., Eom, J.B., Lee, B.H., Combined swept-source optical coherence tomography and fluorescence spectroscopy system, SPIE 7557, art. no. 75570W, (2010)
- 113.Vergnole, S., Lévesque, D., Lamouche, G., Experimental validation of an optimized signal processing method to handle non-linearity in swept-source optical coherence tomography, Optics Express, 18 (10), pp. 10446-10461, (2010)
- 114.Eom, T.J., Yu, B.-A., Shin, W., Lee, Y.L., Kim, C.-S., Ahn, Y.-C., Chen, Z., Calibration protocol for Fourier-domain OCT using optical fiber gratings, SPIE 7555, art. no. 75551M, (2010)
- 115.Zhang, J., Liu, G., Chen, Z., Ultra broad band Fourier domain mode locked swept source based on dual SOAs and WDM couplers, SPIE 7554, art. no. 75541I, (2010)
- 116.Tsai, T.-H., Zhou, C., Adler, D., Fujimoto, J.G., Frequency comb swept lasers for optical coherence tomography, SPIE 7554, art. no. 75541E, (2010)
- 117.Li, Y., Tang, M., Zhang, X., Salaroli, C.H., Ramos, J.L., Huang, D., Pachymetric mapping with Fourier-domain optical coherence tomography, Journal of Cataract and Refractive Surgery, 36 (5), pp. 826-831, (2010)
- 118.DeCoro, M., Wilder-Smith, P., Potential of optical coherence tomography for early diagnosis of oral malignancies, Expert Review of Anticancer Therapy, 10 (3), pp. 321-329, (2010)
- 119.Meadway, A., Darbazi, S.H.H., Dobre, G., Rosen, R.B., Podoleanu, A.G., A rapid method of measuring dispersion in low coherence interferometry and optical coherence tomography systems, Journal of Optics A: Pure and Applied Optics, 12 (1), art. no. 015302, (2010)
- 120.Fujimoto, T., Saeki, S., Salto, T., Hire, T., Matuzaki, M., Development of three-dimensional velocity measurement system of micro flow using optical coherence tomography, ASME International Mechanical Engineering Congress and Exposition, Proceedings, 12 (PART B), pp. 791-792, (2010)
- 121.Saeki, S., Sakata, Y., Saito, T., Hiro, T., Matsuzaki, M., Fundamental study of biomechanical estimator using optical coherence strainography, ASME International Mechanical Engineering Congress and Exposition, Proceedings, 2, pp. 3-5, (2010)
- 122.Duan, L., He, Y., A novel spectral calibration method in spectral domain optical coherence tomography, SPIE 7519, art. no. 751905, (2009)
- 123.Yasuno, Y., Miyazawa, A., Makita, S., Yamanari, M., Tissue contrast imaging by polarization sensitive optical coherence tomography, 2009 Asia Communications and Photonics Conference and Exhibition, ACP 2009, art. no. 5377554, (2009)
- 124.Ohmi, M., Haruna, M., Progress of OCT and its applications, SPIE 7506, art. no. 750609, (2009)
- 125.Ohmi, M., Tanigawa, M., Yamada, A., Ueda, Y., Haruna, M., Dynamic analysis of internal and external mental sweating by optical coherence tomography, Journal of Biomedical Optics, 14 (1), art. no. 014026, (2009)
- 126.Lee, S.-W., Jeong, H.-W., Kim, B.-M., Ahn, Y.-C., Jung, W., Chen, Z., Optimization for axial resolution, depth range, and sensitivity of spectral domain optical coherence tomography at 1.3 μm , Journal of the Korean Physical Society, 55 (6), pp. 2354-2360, (2009)
- 127.Miura, M., Yamanari, M., Iwasaki, T., Itoh, M., Yatagai, T., Yasuno, Y., Polarization-sensitive optical coherence tomography of necrotizing scleritis, Ophthalmic Surgery Lasers and Imaging, 40 (6), pp. 607-610, (2009)

128. Gelikonov, V.M., Kasatkina, I.V., Shilyagin, P.A., Suppression of image artifacts in the spectral-domain optical coherence tomography, *Radiophysics and Quantum Electronics*, 52 (11), pp. 810-821, (2009)
129. Ding, Z., Chen, M., Wang, K., Meng, J., Wu, T., Shen, L., High-speed swept source and its applications in optical frequency-domain imaging, *Zhongguo Jiguang/Chinese Journal of Lasers*, 36 (10), pp. 2469-2476, (2009)
130. Mori, H., Miura, M., Iwasaki, T., Goto, H., Sakurai, Y., Watanabe, Y., Yasuno, Y., Three-dimensional optical coherence tomography-guided phototherapeutic keratectomy for granular corneal dystrophy, *Cornea*, 28 (8), pp. 944-947, (2009)
131. Gora, M., Karnowski, K., Szkulmowski, M., Kaluzny, B.J., Huber, R., Kowalczyk, A., Wojtkowski, M., Ultra high-speed swept source OCT imaging of the anterior segment of human eye at 200 kHz with adjustable imaging range, *Optics Express*, 17 (17), pp. 14880-14894, (2009)
132. Lee, E.-J., Kim, Y.-P., Construction of high-speed wavelength swept mode-locked laser based on oscillation characteristics of fiber fabry-perot tunable filter, *Transactions of the Korean Institute of Electrical Engineers*, 58 (7), pp. 1393-1397, (2009)
133. Biedermann, B.R., Wieser, W., Eigenwillig, C.M., Klein, T., Huber, R., Dispersion, coherence and noise of Fourier domain mode locked lasers, *Optics Express*, 17 (12), pp. 9947-9961, (2009)
134. Zhou, C., Wang, J., Jiao, S., Dual channel dual focus optical coherence tomography for imaging accommodation of the eye, *Optics Express*, 17 (11), pp. 8947-8955, (2009)
135. Yamanari, M., Makita, S., Miura, M., Yasuno, Y., Simultaneous birefringence and doppler flow imaging of the anterior eye segment using multi-functional swept-source optical coherence tomography, *SPIE* 7163, art. no. 71630M, (2009).
136. Karnowski, K., Gora, M., Kaluzny, B., Huber, R., Szkulmowski, M., Kowalczyk, A., Wojtkowski, M., Swept source OCT imaging of human anterior segment at 200 kHz, *SPIE* 7163, art. no. 716308, (2009)
137. Kawana, K., Kiuchi, T., Yasuno, Y., Oshika, T., Evaluation of Trabeculectomy Blebs Using 3-Dimensional Cornea and Anterior Segment Optical Coherence Tomography, *Ophthalmology*, 116 (5), pp. 848-855, (2009)
138. Fukuda, S., Kawana, K., Yasuno, Y., Oshika, T., Anterior Ocular Biometry Using 3-Dimensional Optical Coherence Tomography, *Ophthalmology*, 116 (5), pp. 882-889, (2009)
139. Chong, C., Suzuki, T., Totsuka, K., Morosawa, A., Sakai, T., Large coherence length swept source for axial length measurement of the eye, *Applied Optics*, 48 (10), pp. D144-D150, (2009)
140. Grulkowski, I., Gora, M., Szkulmowski, M., Gorczynska, I., Szlag, D., Marcos, S., Kowalczyk, A., Wojtkowski, M., Anterior segment imaging with Spectral OCT system using a high-speed CMOS camera, *Optics Express*, 17 (6), pp. 4842-4858, (2009)
141. Yasuno, Y., Yamanari, M., Kawana, K., Oshika, T., Miura, M., Investigation of post-glaucoma-surgery structures by three-dimensional and polarization sensitive anterior eye segment optical coherence tomography, *Optics Express*, 17 (5), pp. 3980-3996, (2009)
142. Yasuno, Y., Miyazawa, A., Makita, S., Yamanari, M., Tissue contrast imaging by polarization sensitive optical coherence tomography, *Optics InfoBase Conference Papers*, (2009).
143. Tsai, T.-H., Zhou, C., Adler, D.C., Fujimoto, J.G., Frequency comb swept lasers, *Optics Express*, 17 (23), pp. 21257-21270, (2009)
144. Chong, C., Suzuki, T., Morosawa, A., Sakai, T., Spectral narrowing effect by quasi-phase continuous tuning in high-speed wavelength-swept light source, *Optics Express*, 16 (25), pp. 21105-21118, (2008)
145. Yasuno, Y., Optical coherence tomography for the investigation of posterior and anterior eye segments, *SPIE* 7139, art. no. 71390Y, (2008)
146. Chong, C., Suzuki, T., Morosawa, A., Sakai, T., Coherence length improvement by quasi-phase continuous tuning in wavelength-swept laser source for OCT, *Biomedical Optics, BIOMED 2008*, pp. BWF3, (2008)
147. Tsai, M.-T., Lee, H.-C., Lu, C.-W., Wang, Y.-M., Lee, C.-K., Yang, C.C., Chiang, C.-P., Delineation of an oral cancer lesion with swept-source optical coherence tomography, *Journal of Biomedical Optics*, 13 (4), art. no. 044012, (2008)
148. Klyen, B.R., Armstrong, J.J., Adie, S.G., Radley, H.G., Grounds, M.D., Sampson, D.D., Three-dimensional optical coherence tomography of whole-muscle autografts as a precursor to morphological assessment of muscular dystrophy in mice, *Journal of Biomedical Optics*, 13 (1), art. no. 011003, (2008)
149. Doshi, S., Harvey, W., Wolffsohn, S.J., Eye Essentials: Ophthalmic Imaging, *Eye Essentials: Ophthalmic Imaging*, 172 p., (2008)
150. Tsai, M.-T., Lee, H.-C., Lee, C.-K., Yu, C.-H., Chen, H.-M., Chiang, C.-P., Chang, C.-C., Wang, Y.-M., Yang, C.C., Effective indicators for diagnosis of oral cancer using optical coherence tomography, *Optics Express*, 16 (20), pp. 15847-15862, (2008)
151. Jirauschek, C., Eigenwillig, C., Biedermann, B., Huber, R., Fourier domain mode locking theory, 2008 Conference on Quantum Electronics and Laser Science Conference on Lasers and Electro-Optics, CLEO/QELS, art. no. 4551638, (2008)
152. Eigenwillig, C., Biedermann, B., Huber, R., Optical coherence tomography imaging with k-space linear Fourier Domain Mode Locked lasers, 2008 Conference on Quantum Electronics and Laser Science Conference on Lasers and Electro-Optics, CLEO/QELS, art. no. 4551011, (2008)

153. Saigusa, H., Ueda, Y., Yamada, A., Ohrni, M., Ohnishi, M., Kuwabara, M., Haruna, M., Maximum-intensity-projection imaging for dynamic analysis of mental sweating by optical coherence tomography, *Applied Physics Express*, 1 (9), pp. 0980011-0980013, (2008)
154. Guss, G.M., Bass, I.L., Hackel, R.P., Mailhiot, C., Demos, S.G., In situ monitoring of surface postprocessing in large-aperture fused silica optics with optical coherence tomography, *Applied Optics*, 47 (25), pp. 4569-4573, (2008)
155. Kumar, K., Milner, T.E., Zhang, J.J., MEMS scanners enable in vivo 3-D OCT, *Laser Focus World*, 44 (8), pp. 87-90, (2008)
156. Fujiwara, N., Yoshimura, R., Kato, K., Ishii, H., Kano, F., Kawaguchi, Y., Kondo, Y., Ohbayashi, K., Oohashi, H., 140-nm quasi-continuous fast sweep using SSG-DBR lasers, *IEEE Photonics Technology Letters*, 20 (12), pp. 1015-1017, (2008)
157. Eigenwillig, C.M., Biedermann, B.R., Palte, G., Huber, R., K-space linear Fourier domain mode locked laser and applications for optical coherence tomography, *Optics Express*, 16 (12), pp. 8916-8937, (2008)
158. Makita, S., Fabritius, T., Yasuno, Y., Full-range, high-speed, high-resolution 1- μ m spectral-domain optical coherence tomography using BM-scan for volumetric imaging of the human posterior eye, *Optics Express*, 16 (12), pp. 8406-8420, (2008)
159. Asrani, S., Sarunic, M., Santiago, C., Izatt, J., Detailed visualization of the anterior segment using fourier-domain optical coherence tomography, *Archives of Ophthalmology*, 126 (6), pp. 765-771, (2008)
160. Wang, K., Huang, G., Ding, Z., Wang, L., High-speed spectral-domain optical coherence tomography at 830nm wavelength, *SPIE 6826*, art. no. 68260A, (2008)
161. Kuwabara, M., Fuji, T., Ohrni, M., Haruna, M., Dynamic optical coherence tomography of small arteries and veins of human fingers, *Applied Physics Express*, 1 (5), pp. 0580011-0580013, (2008)
162. Fujiwara, N., Yoshimura, R., Kato, K., Ishii, H., Kano, F., Kawaguchi, Y., Kondo, Y., Ohbayashi, K., Oohashi, H., Single-mode 140 nm swept light source realized by using SSG-DBR lasers, *SPIE 6847*, art. no. 684713, (2008)
163. Zhang, J., Su, J., Chang, K., Chen, Z., In vivo 3-D imaging of gastrointestinal tracts by use of an endoscopic swept source optical coherence tomography with a microelectromechanical endoscopic rotational probe, *SPIE 6847*, art. no. 68472Y, (2008)
164. Chen, Y., De Bruin, D.M., Kerbage, C., De Boer, J.F., Spectrally balanced detection for OFDI, *SPIE 6847*, art. no. 684710, (2008)
165. Fabritius, T., Makita, S., Hong, Y., Myllylä, R., Yatagai, T., Yasuno, Y., Numerical method for compensating the retinal shadows of optical coherence tomography images, *SPIE 6847*, art. no. 68472A, (2008)
166. Yamanari, M., Makita, S., Yasuno, Y., Polarization-sensitive swept-source optical coherence tomography with continuous source polarization modulation, *Optics Express*, 16 (8), pp. 5892-5906, (2008)
167. Miura, M., Kawana, K., Iwasaki, T., Kiuchi, T., Oshika, T., Mori, H., Yamanari, M., Makita, S., Yatagai, T., Yasuno, Y., Three-dimensional anterior segment optical coherence tomography of filtering blebs after trabeculectomy, *Journal of Glaucoma*, 17 (3), pp. 193-196, (2008)
168. Kumar, K., Condit, J.C., McElroy, A., Kemp, N.J., Hoshino, K., Milner, T.E., Zhang, X., Fast 3D in vivo swept-source optical coherence tomography using a two-axis MEMS scanning micromirror, *Journal of Optics A: Pure and Applied Optics*, 10 (4), art. no. 044013, (2008)
169. Bajraszewski, T., Wojtkowski, M., Szkulmowski, M., Szkulmowska, A., Huber, R., Kowalczyk, A., Improved spectral optical coherence tomography using optical frequency comb, *Optics Express*, 16 (6), pp. 4163-4176, (2008)
170. Jirauschek, C., Eigenwillig, C., Biedermann, B., Huber, R., Fourier domain mode locking theory, *Optics InfoBase Conference Papers*, (2008).
171. Eigenwillig, C., Biedermann, B., Huber, R., Optical coherence tomography imaging with k-space linear fourier domain mode locked lasers, *Optics InfoBase Conference Papers*, (2008)
172. Lee, S.-W., Kim, B.-M., Line-field optical coherence tomography using frequency-sweeping source, *IEEE Journal on Selected Topics in Quantum Electronics*, 14 (1), pp. 50-55, (2008)
173. Chong, C., Morosawa, A., Sakai, T., High-speed wavelength-swept laser source with high-linearity sweep for optical coherence tomography, *IEEE Journal on Selected Topics in Quantum Electronics*, 14 (1), pp. 235-242, (2008)
174. Chen, Y., De Bruin, D.M., Kerbage, C., De Boer, J.F., Spectrally balanced detection for optical frequency domain imaging, *Optics Express*, 15 (25), pp. 16390-16399, (2007)
175. Yasuno, Y., Clinical investigation of human eye by swept source optical coherence tomography, *Pacific Rim Conference on Lasers and Electro-Optics, CLEO - Technical Digest*, art. no. 4391170, (2007)
176. Yun, S.H., Frequency-domain technology and applications, *Conference on Lasers and Electro-Optics, 2007, CLEO 2007*, art. no. 4452408, (2007)
177. Akiba, M., Chan, K.P., In vivo video-rate cellular-level full-field optical coherence tomography, *Journal of Biomedical Optics*, 12 (6), art. no. 064024, (2007)
178. Chong, C., Morosawa, A., Sakai, T., High speed wavelength-swept laser source with simple configuration for optical coherence tomography, *SPIE 6627*, art. no. 662705, (2007)

- 179.Saperstein, R.E., Alic, N., Zamek, S., Ikeda, K., Slutsky, B., Fainman, Y., Processing advantages of linear chirped fiber Bragg gratings in the time domain realization of optical frequency-domain reflectometry, *Optics Express*, 15 (23), pp. 15464-15479, (2007)
- 180.Lee, E.-J., Kim, Y.-P., Fabrication and output characteristics of a high-speed wavelength swept mode-locked laser, *Transactions of the Korean Institute of Electrical Engineers*, 56 (6), pp. 1117-1120, (2007)
- 181.Kawana, K., Yasuno, Y., Yatagai, T., Oshika, T., High-speed, swept-source optical coherence tomography: A 3-dimensional view of anterior chamber angle recession, *Acta Ophthalmologica Scandinavica*, 85 (6), pp. 684-685, (2007)
- 182.Watabnabe, Y., Mori, H., Usui, M., Miyazawa, A., Yatagai, T., Yasuno, Y., Computed simulation of Keratectomy based on three-dimensional optical coherence tomography, *SPIE 6426*, art. no. 64261V, (2007)
- 183.Yasuno, Y., Yamanari, M., Mori, H., Kawana, K., Watanabe, Y., Miura, M., Miyazawa, A., Oshika, T., Yatagai, T., Clinical examinations of anterior eye segments by three-dimensional swept-source optical coherence tomography, *SPIE 6426*, art. no. 64260U, (2007)
- 184.Akiba, M., Maeda, N., Yumikake, K., Soma, T., Nishida, K., Tano, Y., Chan, K.P., Ultrahigh-resolution imaging of human donor cornea using full-field optical coherence tomography, *Journal of Biomedical Optics*, 12 (4), art. no. 041202, (2007)
- 185.Nakamura, Y., Makita, S., Yamanari, M., Itoh, M., Yatagai, T., Yasuno, Y., High-speed three-dimensional human retinal imaging by line-field spectral domain optical coherence tomography, *Optics Express*, 15 (12), pp. 7103-7116, (2007)
- 186.Kerbage, C., Lim, H., Sun, W., Mujat, M., De Boer, J.F., Large depth-high resolution full 3D imaging of the anterior segments of the eye using high speed optical frequency domain imaging, *Optics Express*, 15 (12), pp. 7117-7125, (2007)
- 187.Yasuno, Y., Hong, Y., Makita, S., Miura, M., Yatagai, T., Phase-insensitive optical coherence angiography of the choroid by 1-micrometer band swept-source optical coherence tomography, *SPIE 6429*, art. no. 642905, (2007)
- 188.Yasuno, Y., Hong, Y., Makita, S., Yamanari, M., Akiba, M., Miura, M., Yatagai, T., In vivo high-contrast imaging of deep posterior eye by 1- μ m swept source optical coherence tomography and scattering optical coherence angiography, *Optics Express*, 15 (10), pp. 6121-6139, (2007)
- 189.Park, Y., Ahn, T.-J., Kieffer, J.-C., Azaña, J., Optical frequency domain reflectometry based on real-time Fourier transformation, *Optics Express*, 15 (8), pp. 4597-4616, (2007)
- 190.Miura, M., Mori, H., Watanabe, Y., Usui, M., Kawana, K., Oshika, T., Yatagai, T., Yasuno, Y., Three-dimensional optical coherence tomography of granular corneal dystrophy, *Cornea*, 26 (3), pp. 373-374, (2007)
- 191.Lee, S.-W., Kim, C.-S., Kim, B.-M., External line-cavity wavelength-swept source at 850 nm for optical coherence tomography, *IEEE Photonics Technology Letters*, 19 (3), pp. 176-178, (2007)
- 192.Yasuno, Y., Clinical investigation of human eye by swept source optical coherence tomography, *Optics InfoBase Conference Papers*, (2007)
- 193.Muller, M.S., Webster, P.J.L., Fraser, J.M., Time-gated fourier domain optical coherence tomography, *Optics InfoBase Conference Papers*, (2007)
- 194.Chong, C., Morosawa, A., Sakai, T., High speed wavelength-swept laser source with simple configuration for optical coherence tomography, *Optics InfoBase Conference Papers*, (2007)
- 195.Yun, S.H., Advances in optical coherence tomography: Frequency-domain technology and applications, *Optics InfoBase Conference Papers*, (2007)
- 196.Lim, H., Mujat, M., Kerbage, C., Lee, E.C.W., Chen, Y., Chen, T.C., De Boer, J.F., High-speed imaging of human retina in vivo with swept-source optical coherence tomography, *Optics Express*, 14 (26), pp. 12902-12908, (2006)
- 197.Jayavel, P., Amano, T., Choi, D., Furukawa, H., Hiro-Oka, H., Asaka, K., Ohbayashi, K., Improved sensitivity of optical frequency domain reflectometry-optical coherence tomography using a semiconductor optical amplifier, *Japanese Journal of Applied Physics, Part 2: Letters*, 45 (46-50), pp. L1317-L1319, (2006)
- 198.Yun, S.H., Optical coherence tomography using rapidly swept lasers, *Annual International Conference of the IEEE Engineering in Medicine and Biology - Proceedings*, art. no. 4030461, pp. 125-128, (2006)
- 199.Abdulhalim, I., Competence between spatial and temporal coherence in full field optical coherence tomography and interference microscopy, *Journal of Optics A: Pure and Applied Optics*, 8 (11), art. no. 004, pp. 952-958, (2006)
- 200.Huber, R., Adler, D.C., Fujimoto, J.G., Buffered Fourier domain mode locking: Unidirectional swept laser sources for optical coherence tomography imaging at 370,000 lines/s, *Optics Letters*, 31 (20), pp. 2975-2977, (2006)
- 201.Zhang, J., Wang, Q., Rao, B., Chen, Z., Hsu, K., Swept laser source at 1 μ m for Fourier domain optical coherence tomography, *Applied Physics Letters*, 89 (7), art. no. 073901, (2006)
- 202.Lim, H., De Boer, J.F., Park, B.H., Lee, E.C.W., Yelin, R., Yun, S.H., Optical frequency domain imaging with a rapidly swept laser in the 815-870 nm range, *Optics Express*, 14 (13), pp. 105-112, (2006)

203. Madjarova, V.D., Yasuno, Y., Makita, S., Hori, Y., Voeffray, J.-B., Itoh, M., Yatagai, T., Tamura, M., Nanbu, T., Investigations of soft and hard tissues in oral cavity by spectral domain optical coherence tomography, SPIE 6079, art. no. 60790N, (2006)
204. Yasuno, Y., Madjarova, V.D., Makita, S., Akiba, M., Atsushi, M., Chong, C., Sakai, T., Chan, K.-P., Itoh, M., Yatagai, T., Three dimensional investigation of in vivo anterior eye segments by swept-source optical coherence tomography with ready-for-shipping scanning light source, SPIE 6079, art. no. 60790W, (2006)
205. Sakai, S., Hori, Y., Matsumoto, M., Sugawara, T., Yasuno, Y., Madjarova, V.D., Makita, S., Yamanari, M., Nakamura, Y., Aoki, G., Itoh, M., Yatagai, T., Three-dimensional evaluation of in vivo human skin by spectral domain and swept source optical coherence tomography, Progress in Biomedical Optics and Imaging - SPIE, 6078, art. no. 60780H, (2006)
206. Huber, R., Wojtkowski, M., Fujimoto, J.G., Fourier Domain Mode Locking (FDML): A new laser operating regime and applications for optical coherence tomography, Optics Express, 14 (8), pp. 3225-3237, (2006)
207. Wang, Z., Yuan, Z., Wang, H., Pan, Y., Increasing the imaging depth of spectral-domain OCT by using interpixel shift technique, Optics Express, 14 (16), pp. 7014-7023, (2006)
208. Lee, E.C.W., De Boer, J.F., Miyat, M., Lim, H., Yun, S.H., In vivo optical frequency domain imaging of human retina and choroid, Optics Express, 14 (10), pp. 4403-4411, (2006)
209. Hori, Y., Yasuno, Y., Sakai, S., Matsumoto, M., Sugawara, T., Madjarova, V.D., Yamanari, M., Makita, S., Yasui, T., Araki, T., Itoh, M., Yatagai, T., Automatic characterization and segmentation of human skin using three-dimensional optical coherence tomography, Optics Express, 14 (5), pp. 1862-1877, (2006)
210. Makita, S., Hong, Y., Yamanari, M., Yatagai, T., Yasuno, Y., Optical coherence angiography, Optics Express, 14 (17), pp. 7821-7840, (2006)

Madjarova, V., Toyooka, S., Nagasawa, H., Kadono, H., Blooming Processes in Flowers Studied by Dynamic Electronic Speckle Pattern Interferometry (DESPI), Optical Review, 10 (5), pp. 370-374, (2003) е цитирана от:

1. Rathnayake, A.P., Kadono, H., Toyooka, S., Miwa, M., A novel optical interference technique to measure minute root elongations of Japanese red pine (*Pinus densiflora* Seibold & Zucc.) seedlings infected with ectomycorrhizal fungi, Environmental and Experimental Botany, 64 (3), pp. 314-321, (2008)

Madjarova, V.D., Kadono, H., Toyooka, S., Dynamic electronic speckle pattern interferometry (DESPI) phase analyses with temporal Hilbert transform, Optics Express, 11 (6), pp. 617-623, (2003) е цитирана от:

1. Li, X., Huang, Z., Zhu, M., He, J., Zhang, H., Spatio-temporal phase retrieval in speckle interferometry with Hilbert transform and two-dimensional phase unwrapping, Optical Engineering, 53 (12), art. no. 124104, (2014)
2. Upputuri, P.K., Gong, L., Wang, H., Pramanik, M., Nandigana, K.M., Kothiyal, M.P., Measurement of large discontinuities using single white light interferogram, Optics Express, 22 (22), pp. 27373-27380, (2014)
3. Etchepareborda, P., Bianchetti, A., Vadjal, A.L., Federico, A., Kaufmann, G.H., Simplified phase-recovery method in temporal speckle pattern interferometry, Applied Optics, 53 (30), pp. 7120-7128, (2014)
4. Wang, S., Xue, L., Lai, J., Li, Z., An improved phase retrieval method based on Hilbert transform in interferometric microscopy, Optik, 124 (14), pp. 1897-1901, (2013)
5. Paul Kumar, U., Somasundaram, U., Kothiyal, M.P., Krishna Mohan, N., Single frame digital fringe projection profilometry for 3-D surface shape measurement, Optik, 124 (2), pp. 166-169, (2013)
6. Tiziani, H.J., Pedrini, G., From speckle pattern photography to digital holographic interferometry [Invited], Applied Optics, 52 (1), pp. 30-44, (2013)
7. Rajshekhar, G., Rastogi, P., Fringe analysis: Premise and perspectives, Optics and Lasers in Engineering, 50 (8), pp. iii-x, (2012)
8. Manojlović, L.M., Živanov, M.B., Spectrally resolved white-light interferometric sensor for absolute position measurement based on Hilbert transform, IEEE Sensors Journal, 12 (6), art. no. 6138274, pp. 2199-2204, (2012)
9. Michel, F., Renotte, Y.L., Habraken, S., Measurement of the defect size by shearography or other interferometric techniques, Optical Engineering, 51 (3), art. no. 033602, (2012)
10. Arikawa, S., Yoneyaivia, S., A simple method for detecting a plastic deformation region formed by local loading using electronic speckle pattern interferometry, Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 77 (775), pp. 383-390, (2011)
11. Kumar, U.P., Mohan, N.K., Kothiyal, M.P., Characterization of micro-lenses based on single interferogram analysis using Hilbert transformation, Optics Communications, 284 (21), pp. 5084-5092, (2011)
12. Wang, F.-P., Xie, Y.-M., Guo, J.-S., Yin, Z., Chen, L.-P., 3-D shape measurement based on Hilbert transform, SPIE 8192, art. no. 81920I, (2011)
13. Kai, L., Kemaio, Q., Dynamic phase retrieval in temporal speckle pattern interferometry using least squares method and windowed Fourier filtering, Optics Express, 19 (19), pp. 18058-18066, (2011)
14. Wang, F., Zhao, C., Liao, Z., Liao, Z., Yin, Z., Guo, J., Interferometry for length measurement based on video image, Hongwai yu Jiguang Gongcheng/Infrared and Laser Engineering, 40 (6), pp. 1133-1137, (2011)

15. Federico, A., Kaufmann, G.H., Phase Evaluation in Temporal Speckle Pattern Interferometry Using Time-Frequency Methods, *Advances in Speckle Metrology and Related Techniques*, pp. 147-205, (2011)
16. Pan, W., Zhu, Y., Fan, Y., Lang, H., One-shot in-line digital holography based two-dimensional Hilbert demodulation technique, *SPIE 7790*, art. no. 779016, (2010)
17. Equis, S., Jacquot, P., Phase extraction in dynamic speckle interferometry with empirical mode decomposition and hilbert transform, *Strain*, 46 (6), pp. 550-558, (2010)
18. Kadono, H., Kataoka, M., Madjarova, V.D., Phase shift error compensation method for digital holography using statistics of speckle field, *SPIE 7387*, art. no. 738706, (2010)
19. Kumar, U.P., Mohan, N.K., Kothiyal, M.P., Time average vibration fringe analysis using Hilbert transformation, *Applied Optics*, 49 (30), pp. 5777-5786, (2010)
20. Pan, W., Lu, W., Zhu, Y., Wang, J., One-shot in-line digital holography based Hilbert phase-shifting, *Chinese Optics Letters*, 7 (12), pp. 1123-1125, (2009)
21. Debnath, S.K., Kothiyal, M.P., Kim, S.-W., Evaluation of spectral phase in spectrally resolved white-light interferometry: Comparative study of single-frame techniques, *Optics and Lasers in Engineering*, 47 (11), pp. 1125-1130, (2009)
22. Yu, F., Hongjian, S., Hong, M., Vibration measurement of a miniature component by high-speed image-plane digital holographic microscopy, *Applied Optics*, 48 (11), pp. 1990-1997, (2009)
23. Wang, F.-P., Zhou, W.-F., Ying, Z., Yue, Y.-F., Phase extracting for real-time holographic interferometry fringe pattern based on Hilbert transform, *Guangdian Gongcheng/Opto-Electronic Engineering*, 36 (4), pp. 92-96, (2009)
24. Equis, S., Jacquot, P., The empirical mode decomposition: A must-have tool in speckle interferometry?, *Optics Express*, 17 (2), pp. 611-623, (2009)
25. Madjarova, V.D., Kadono, H., Kurita, N., Phase analysis of interference signal with optical Hilbert transform based on orthogonal linear polarization phase shifting, *Fringe 2009 - 6th International Workshop on Advanced Optical Metrology*, pp. 132-137, (2009)
26. Miao, H., Fu, Y., The comparison of different temporal phase analysis algorithms in optical dynamic measurement, *SPIE 7155*, art. no. 715518, (2008)
27. Madjarova, V.D., Kataoka, M., Kadono, H., Dynamic digital holography based on temporal domain Hilbert transform phase analysis, *17th Symposium on Photonic Measurements 2008, 18th IMEKO TC 2 Symposium on Photonics in Measurements 2008*, pp. 19-22, (2008)
28. Marengo Rodríguez, F.A., Federico, A., Kaufmann, G.H., Phase estimation in temporal speckle pattern interferometry using the empirical mode decomposition method, *AIP Conference Proceedings*, 992, pp. 1324-1328, (2008)
29. Rodriguez, F.A.M., Federico, A., Kaufmann, G.H., Hubert transform analysis of a time series of speckle interferograms with a temporal carrier, *Applied Optics*, 47 (9), pp. 1310-1316, (2008)
30. Zhao, W.-J., Tian, J.-H., Method of removing speckle noise of airflow field ESPI fringe patterns and phase extraction, *Sichuan Daxue Xuebao (Gongcheng Kexue Ban)/Journal of Sichuan University (Engineering Science Edition)*, 40 (2), pp. 134-140, (2008)
31. Madjarova, V.D., Toyooka, S., Chida, H., Kadono, H., Stress behavior of Ball Grid Array (BGA) studied by Dynamic Electronic Speckle Pattern Interferometry (DESPI), *SPIE 6616 (PART 2)*, art. no. 66162R, (2007)
32. Marengo Rodríguez, F.A., Federico, A., Kaufmann, G.H., Phase measurement improvement in temporal speckle pattern interferometry using empirical mode decomposition, *Optics Communications*, 275 (1), pp. 38-41, (2007)
33. Tahtali, M., Zheng, Z., Lambert, A.J., Fraser, D., Using the modes of a vibrating PVDF film as a deformable mirror surface, *Proceedings of MNT for Aerospace Applications, CANEUS2006*, 2006, 6 p, (2006)
34. Shiraishi, T., Toyooka, S., Kadono, H., Saito, T., Ping, S., Dynamic ESPI system for spatio-temporal strain analysis of a deforming solid object, *Key Engineering Materials*, 326-328 I, pp. 95-98, (2006)
35. Debnath, S.K., Kothiyal, M.P., Analysis of spectrally resolved white light interferometry by Hilbert Transform method, *SPIE 6292*, art. no. 62920P, (2006)
36. Madjarova, V.D., Kadono, H., Toyooka, S., Use of dynamic electronic speckle pattern interferometry with the Hilbert transform method to investigate thermal expansion of a joint material, *Applied Optics*, 45 (29), pp. 7590-7596, (2006)
37. Jun, W., Udupa, G., Ngoi, B., High-speed imaging for evaluation of silicon wafer defects, *SPIE 5852 PART II*, art. no. 94, pp. 593-598, (2005)
38. Ang, K.T., Ng, T.W., Temporal phase processing with compression in interferometry, *SPIE 5852 PART I*, art. no. 29, pp. 185-191, (2005)
39. Ng, T.W., Ang, K.T., Argentini, G., Supercomputing in compression of temporal fringe pattern analysis, *SPIE 5880*, art. no. 588005, pp. 1-6, (2005)
40. Ng, T.W., Ang, K.T., Argentini, G., Temporal fringe pattern analysis with parallel computing, *Applied Optics*, 44 (33), pp. 7125-7129, (2005)
41. Ng, T.W., Ang, K.T., Fourier-transform method of data compression and temporal fringe pattern analysis, *Applied Optics*, 44 (33), pp. 7043-7049, (2005)

42. Ng, T.W., Ang, K.T., Data compression for speckle correlation interferometry temporal fringe pattern analysis, *Applied Optics*, 44 (14), pp. 2799-2804, (2005)
43. Ng, T.W., Ang, K.T., Compressed data for temporal fringe analysis in interferometry, *SPIE* 5531, art. no. 51, pp. 413-420, (2004)
44. Toyooka, S., Madjarova, V., Kadono, H., Dynamic ESPI (DESPI) for non-destructive testing, *Key Engineering Materials*, 270-273 (I), pp. 715-717, (2004)
45. Kadono, H., Thermal expansion studies of joint material using ESPI and hilbert transform method for high precision phase analysis, *Seimitsu Kogaku Kaishi/Journal of the Japan Society for Precision Engineering*, 70 (11), pp. 1361-1364, (2004)
46. Li, X., Nishino, K., Yoda, S.-I., Temporal speckle pattern interferometry for measuring micron-order surface motion of a liquid bridge, *Measurement Science and Technology*, 15 (11), pp. 2284-2294, (2004)

Madjarova, V., Toyooka, S., Widiastuti, R., Kadono, H., Dynamic ESPI with subtraction-addition method for obtaining the phase, (2002) *Optics Communications*, 212 (1-3), pp. 35-43 е цитирана от:

1. Li, X., Huang, Z., Zhu, M., He, J., Zhang, H., Spatio-temporal phase retrieval in speckle interferometry with Hilbert transform and two-dimensional phase unwrapping, *Optical Engineering*, 53 (12), art. no. 124104, (2014)
2. Chen, T.Y., Chen, C.H., An instantaneous phase shifting ESPI system for dynamic deformation measurement, *Conference Proceedings of the Society for Experimental Mechanics Series*, 5, pp. 279-283, (2011)
3. Valle, V., Robin, E., Brémand, F., Analysis of digital speckle-pattern interferometry fringe patterns issued from transitory mechanical loadings, *Strain*, 46 (2), pp. 175-183, (2010)
4. Yue, K., Yuan, M., Yi, Y., Li, Z., Zhang, F., Jian, L., Research of full-field deformation measurement system, *SPIE* 7511, art. no. 75110I, (2009)
5. Valle, V., Brémand, F., Phase analysis of a single image of fringe patterns or grids, *Society for Experimental Mechanics - 11th International Congress and Exhibition on Experimental and Applied Mechanics 2008*, 3, pp. 1222-1228, (2008)
6. Madjarova, V.D., Kataoka, M., Kadono, H., Dynamic digital holography based on temporal domain Hilbert transform phase analysis, *17th Symposium on Photonic Measurements 2008, 18th IMEKO TC 2 Symposium on Photonics in Measurements 2008*, pp. 19-22, (2008)
7. Arai, Y., High resolution speckle interferometry using virtual speckle pattern produced by information of deformation process, *Journal of Modern Optics*, 55 (15), pp. 2329-2345, (2008)
8. Arai, Y., Shimamura, R., Yokozeki, S., Composition of virtual speckle pattern for spatial fringe analysis method in ESPI by using single camera, *SPIE* 6616 (PART 1), art. no. 661611, (2007)
9. Guelorget, B., François, M., Montay, G., Daniel, L., Lu, J., Uncertainty evaluation of strain and strain rate measurements by ESPI during a tensile test, *SPIE* 6341, art. no. 63412K, (2006)
10. Arai, Y., Yokozeki, S., High resolution deformation measurement method using one sheet of speckle gram, *SPIE* 6292, art. no. 62921A, (2006)
11. Madjarova, V.D., Kadono, H., Toyooka, S., Use of dynamic electronic speckle pattern interferometry with the Hilbert transform method to investigate thermal expansion of a joint material, *Applied Optics*, 45 (29), pp. 7590-7596, (2006)
12. Guelorget, B., François, M., Vial-Edwards, C., Montay, G., Daniel, L., Lu, J., Strain rate measurement by Electronic Speckle Pattern Interferometry: A new look at the strain localization onset, *Materials Science and Engineering A*, 415 (1-2), pp. 234-241, (2006)
13. Jun, W., Udupa, G., Ngoi, B., High-speed imaging for evaluation of silicon wafer defects, *SPIE* 5852 PART II, art. no. 94, pp. 593-598, (2005)
14. Arai, Y., Yokozeki, S., Development of fringe analysis method for image in ESPI using single sheet of specklegram, *SPIE* 5880, art. no. 588004, pp. 1-7, (2005)
15. Arai, Y., Yokozeki, S., Using a sheet of specklegram, the development of fringe analysis method for ESPI, *SPIE* 5531, art. no. 16, pp. 134-145, (2004)
16. Kadono, H., Thermal expansion studies of joint material using ESPI and hilbert transform method for high precision phase analysis, *Seimitsu Kogaku Kaishi/Journal of the Japan Society for Precision Engineering*, 70 (11), pp. 1361-1364, (2004)
17. Tay, C.J., Quan, C., Yang, F.J., He, X.Y., A new method for phase extraction from a single fringe pattern, *Optics Communications*, 239 (4-6), pp. 251-258, (2004)
18. Tay, C.J., Quan, C., Chen, L., Fu, Y., Phase extraction from electronic speckle patterns by statistical analysis, *Optics Communications*, 236 (4-6), pp. 259-269, (2004)
19. Arai, Y., Yokozeki, S., Control of phase of fringes in speckle interferometry for application of fringe scanning method, *SPIE* 5144, pp. 57-64, (2003)
20. Madjarova, V., Toyooka, S., Nagasawa, H., Kadono, H., Blooming Processes in Flowers Studied by Dynamic Electronic Speckle Pattern Interferometry (DESPI), *Optical Review*, 10 (5), pp. 370-374, (2003)
21. Madjarova, V.D., Kadono, H., Toyooka, S., Dynamic electronic speckle pattern interferometry (DESPI) phase analyses with temporal Hilbert transform, *Optics Express*, 11 (6), pp. 617-623, (2003)