

Списък на публикации на д-р Виолета Димитрова Маджарова в списания и научни поредици, включени в международни бази данни:

1. Hideyuki Watanabe, Uma Maheswari Rajagopalan, Yu Nakamichi, Kei M. Igarashi, Violeta Dimitrova Madjarova, Hirofumi Kadono, and Manabu Tanifuji, "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, Vol. 2, Issue 8, pp. 2279-2287 (2011)
2. Kadono H., M. Kataoka, V. Madjarova, Phase shift error compensation method for digital holography using statistics of speckle field, Proc. SPIE 7387, Speckle 2010: Optical Metrology, 738706 (2010)
3. Madjarova V. D., H. Kadono, Kurita N., "Phase analysis of interference signal with optical Hilbert transform based on orthogonal linear polarization phase shifting," Proc. of the 6th International Workshop on Advanced Optical Metrology: Fringe 2009, p.132-137, Springer-Verlag (2009)
4. 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)
5. Madjarova V. D., S. Toyooka, H. Chida, H. Kadono, Stress behavior of ball grid array (BGA) studied by dynamic electronic speckle pattern interferometry (DESPI), Proc. SPIE 6616, Optical Measurement Systems for Industrial Inspection V, 6616-73 (2007)
6. Madjarova V. D., H. Kadono, S. Toyooka, "Use of dynamic electronic speckle pattern interferometry with Hilbert transform method to investigate thermal expansion of joint material," Appl. Opt. 45, 7590-7596 (2006)
7. Madjarova V. D., Y. Yasuno, S. Makita, Y. Hori; Jean-Baptiste Voeffray, M. Itoh, T. Yatagai, M. Tamura, T. Nanbu, Investigations of soft and hard tissues in oral cavity by spectral domain optical coherence tomography, Proc. SPIE 6079, Coherence Domain Optical Methods and Optical Coherence Tomography in Biomedicine X, 60790N (2006)
8. Makita S., Y. Nakamura, Y. Yasuno, T. Endo, M. Yamanari, V. D. Madjarova, G. Aoki, M. Itoh, T. Yatagai, Three-dimensional measurement by high-speed line-field Fourier-domain optical coherence tomography in vivo, Proc. SPIE 6079, Coherence Domain Optical Methods and Optical Coherence Tomography in Biomedicine X, 607911 (2006)
9. Yasuno Y., V. D. Madjarova, S. Makita, M. Akiba, A. Morosawa, Ch. Chong, T. Sakai, Kin-Pui Chan, M. Itoh, T. Yatagai, Three-dimensional investigation of in vivo anterior eye segments by swept-source optical coherence tomography with ready-for-shipping scanning light source, Proc. SPIE 6079, Coherence Domain Optical Methods and Optical Coherence Tomography in Biomedicine X, 60790W (2006)
10. Sakai S., Y. Hori, M. Matsumoto, T. Sugawara, Y. Yasuno, V. D. Madjarova, S. Makita, M. Yamanari, Y. Nakamura, G. Aoki, M. Itoh, T. Yatagai, Three-dimensional evaluation of in vivo human skin by spectral domain and swept source optical coherence tomography, Proc. SPIE 6078, Photonic Therapeutics and Diagnostics II, 60780H (2006)
11. Yamanari M., S. Makita, V. D. Madjarova, T. Yatagai, Y. Yasuno, "Fiber-based polarization - sensitive Fourier domain optical coherence tomography using B-scan-oriented polarization modulation method," Opt. Express 14, 6502-6515 (2006)
12. Hori Y., Y. Yasuno, S. Sakai, M. Matsumoto, T. Sugawara, V. Madjarova, M. Yamanari, S. Makita, T. Yasui, T. Araki, M. Itoh, T. Yatagai, "Automatic characterization and segmentation of human skin using three-dimensional optical coherence tomography," Opt. Express 14, 1862-1877 (2006)
13. Madjarova V. D., Y. Yasuno, S. Makita, Y. Hori, M. Yamanari, M. Itoh, T. Yatagai, M. Tamura, T. Nanbu, "In-vivo Three Dimensional Fourier-Domain Optical Coherence Tomography for Soft and Hard Oral Tissue Measurements," in Biomedical Optics, Technical Digest (CD), paper WE3 (2006)

14. Yasuno Y., Y. Hori, M. Yamanari, V. D. Madjarova, S. Makita, M. Itoh, T. Yatagai, S. Sakai, M. Matsumoto, "Automatic Feature Extraction from Three-Dimensional Optical Coherence Tomography of Human Skin," in Biomedical Optics, Technical Digest (CD), paper TuI28 (2006)
15. Yasuno Y., V. Madjarova, S. Makita, M. Akiba, A. Morosawa, C. Chong, T. Sakai, K. Chan, M. Itoh, T. Yatagai, "Three-dimensional and high-speed swept-source optical coherence tomography for in vivo investigation of human anterior eye segments," Opt. Express 13, 10652-10664 (2005)
16. Toyooka, S., Kadono, H., and Madjarova, V., Spatio-temporal Analysis of Inhomogeneous Deformation Process by Dynamic ESPI, Proc. of the International Conference on Advanced Optical Diagnostics in Fluids, Solids and Combustion: VSJ-SPIE04, Paper No V0704 (2004)
17. Madjarova V., S. Toyooka, H. Nagasawa, H. Kadono, "Blooming Process in Flowers Studied By Dynamic Electronic Speckle Pattern Interferometry (DESPI)," Optical Review, Vol.10, 370 (2003)
18. Madjarova V. D. , H. Kadono, S. Toyooka, Hilbert transform method for analysis of ESPI for the study of dynamic events, Proc. SPIE 4933, Speckle Metrology, 189-193 (2003)
19. Madjarova V., H. Kadono, S. Toyooka, "Dynamic electronic speckle pattern interferometry (DESPI) phase analyses with temporal Hilbert transform," Opt. Express 11, 617-623 (2003)
20. Madjarova V., Nagasawa, H., Toyooka, S., Kadono, H., Continuous Visualization of Deformation Oscillations by Dynamic ESPI: A new tool to investigate dynamic phenomena, Proc. 10th International Symposium on Flow Visualization: ISFV10, Paper No F0159 (2002)
21. Madjarova V., S. Toyooka, R. Widiastuti, H. Kadono, "Dynamic ESPI with subtraction-addition method for obtaining the phase," Optics Communication 212, 35-43 (2002)
22. Toyooka S., Q.C. Zhang, V. Madjarova, Suprapedi, R. Widiastuti, Dynamic measurement of plastic deformation field by ESPI, Proc. SPIE 4416, Optical Engineering for Sensing and Nanotechnology (ICOSN 2001) (2001)
23. Toyooka S., V. Madjarova, Q.C. Zhang, Suprapedi, Dynamic Deformation Analysis by ESPI, Proc. The 4th International Workshop on Automatic Processing of Fringe Patterns: Fringe2001, Bremen, Germany, pp. 605-612 (2001)
24. Roussev I., E. Toshev, P. Koulev, T. Partalin, V. Madjarova, One-beam digital speckle interferometry applied to sedimentation in fluids investigations, Proc. SPIE 3573, OPTIKA '98: 5th Congress on Modern Optics (1998)