

Dejan Pantelic

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

355
citations

1163117

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times ranked

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 3D-Structured Carbonized Sunflower Heads for Improved Energy Efficiency in Solar Steam Generation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2171-2179. | 8.0 | 178 |
| 2 | 3D Interconnected Gyroid Au-CuS Materials for Efficient Solar Steam Generation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 34837-34847. | 8.0 | 52 |
| 3 | Mapping of hemoglobin in erythrocytes and erythrocyte ghosts using two photon excitation fluorescence microscopy. <i>Journal of Biomedical Optics</i> , 2017, 22, 1. | 2.6 | 19 |
| 4 | Micromechanical imaging of dentin with Brillouin microscopy. <i>Acta Biomaterialia</i> , 2020, 105, 214-222. | 8.3 | 17 |
| 5 | High angular and spectral selectivity of purple emperor (<i>Lepidoptera: Apatura iris</i> and <i>A. ilia</i>) butterfly wings. <i>Optics Express</i> , 2011, 19, 5817. | 3.4 | 15 |
| 6 | Holographic detection of a tooth structure deformation after dental filling polymerization. <i>Journal of Biomedical Optics</i> , 2007, 12, 024026. | 2.6 | 11 |
| 7 | Optical Performance Study of Gyroid-Structured TiO ₂ Photonic Crystals Replicated from Natural Templates Using a Sol-Gel Method. <i>Advanced Optical Materials</i> , 2018, 6, 1800064. | 7.3 | 11 |
| 8 | The genus <i>Pheggomisetes</i> Knirsch, 1923 (Coleoptera: Carabidae: Trechinae) in Serbia: taxonomy, morphology and molecular phylogeny. <i>Zoological Journal of the Linnean Society</i> , 2018, 183, 347-371. | 2.3 | 11 |
| 9 | Scattering-enhanced absorption and interference produce a golden wing color of the burnished brass moth, <i>Diachrysis chrysitis</i> . <i>Physical Review E</i> , 2017, 95, 032405. | 2.1 | 7 |
| 10 | Chemistry and morphology of the pygidial glands in four Pterostichini ground beetle taxa (Coleoptera: Carabidae: Pterostichinae). <i>Zoology</i> , 2020, 142, 125772. | 1.2 | 7 |
| 11 | Holographic Measurement of a Tooth Model and Dental Composite Contraction. <i>Materials and Manufacturing Processes</i> , 2009, 24, 1142-1146. | 4.7 | 6 |
| 12 | Molding Wetting by Laser-Induced Nanostructures. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6008. | 2.5 | 4 |
| 13 | Pygidial glands of three ground beetle taxa (Insecta, Coleoptera, Carabidae): a study on their morphology and chemical composition of their secretions. <i>Zoology</i> , 2021, 148, 125948. | 1.2 | 4 |
| 14 | Inducing LIPSS on multilayer thin metal films by femtosecond laser beam of different orientations. <i>Optical and Quantum Electronics</i> , 2020, 52, 1. | 3.3 | 3 |
| 15 | Thermal radiation management by natural photonic structures: <i>Morimus asper funereus</i> case. <i>Journal of Thermal Biology</i> , 2021, 98, 102932. | 2.5 | 3 |
| 16 | Increased motor activity of the beetle <i>Aemostenus punctatus</i> caused by a static magnetic field of 110 mT. <i>Entomologia Experimentalis Et Applicata</i> , 2016, 160, 188-194. | 1.4 | 2 |
| 17 | Thermo-osmotic metamaterials with large negative thermal expansion. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8163-8168. | 5.5 | 2 |
| 18 | Localization of light in a polysaccharide-based complex nanostructure. <i>Optical and Quantum Electronics</i> , 2016, 48, 1. | 3.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Novel biophotonics-based techniques in dental medicine - a literature review. Medicinski Pregled, 2020, 73, 364-368. | 0.1 | 1 |
| 20 | Secretions of Pygidial Defensive Glands in Three Species of the Genus Bembidion (Carabidae), and Morphology of Pygidial Glands in B. (Peryphanes) dalmatinum. Annales Zoologici Fennici, 2022, 59, . | 0.6 | 1 |
| 21 | Multi-peak structure of photonic band gaps on dichromated pullulan. , 2009, , . | | 0 |
| 22 | Band-Gap Photonic Structures in Dichromate Pullulan. Materials and Manufacturing Processes, 2009, 24, 1127-1129. | 4.7 | 0 |
| 23 | Holographic 1D photonic crystals in dichromate pullulan. , 2009, , . | | 0 |
| 24 | Holographic photonic structures generated in dichromated pullulan. , 2010, , . | | 0 |
| 25 | On the reflectivity of one-dimensional photonic crystal realized in dichromated pullulan. , 2010, , . | | 0 |
| 26 | Localization of light in photonic crystals of biological origin. , 2012, , . | | 0 |
| 27 | Self-assembly of nanostructures by a phase separation in holographic layers of dichromated polysaccharide. , 2013, , . | | 0 |
| 28 | Bifurcation in reflection spectra of holographic diffraction grating recorded on dicromated pullulan. Optical and Quantum Electronics, 2018, 50, 1. | 3.3 | 0 |