

Mahmood Soltanolkotabi

List of Publications by Year in descending order

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14
papers

293
citations

1307594

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1125743

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14
docs citations

14
times ranked

508
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct and Plasmonic Nanoparticle-Mediated Infrared Neural Stimulation: Comprehensive Computational Modeling and Validation. <i>Advanced Theory and Simulations</i> , 2021, 4, 2000214.	2.8	0
2	Theoretical and experimental study of a surface plasmon sensor based on Ag-MgF ₂ grating coupler. <i>Applied Physics B: Lasers and Optics</i> , 2020, 126, 1.	2.2	14
3	Polarization investigation of laser-induced breakdown plasma emission from Al, Cu, Mo, W, and Pb elements using nongated detector. <i>Journal of Laser Applications</i> , 2018, 30, .	1.7	5
4	Identification and Sorting of PVC Polymer in Recycling Process by Laser-Induced Breakdown Spectroscopy (LIBS) Combined with Support Vector Machine (SVM) Model. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 959-965.	1.5	24
5	Polarization mechanism in a ns laser-induced plasma spectroscopy of Al alloy. <i>Applied Physics B: Lasers and Optics</i> , 2018, 124, 1.	2.2	4
6	A sensitive tapered-fiber optic biosensor for the label-free detection of organophosphate pesticides. <i>Sensors and Actuators B: Chemical</i> , 2017, 249, 523-532.	7.8	71
7	Gain-Assisted Surface Plasmon Resonance Refractive Index Sensor. <i>IEEE Sensors Journal</i> , 2017, 17, 4466-4471.	4.7	4
8	SPR-based plastic optical fibre biosensor for the detection of C-reactive protein in serum. <i>Journal of Biophotonics</i> , 2016, 9, 1077-1084.	2.3	73
9	Calculation of Dispersion Relation and Single Mode Operation in Surface Plasmon Resonance Based Fiber Optic Refractive Index Sensors. <i>Journal of Lightwave Technology</i> , 2016, 34, 2782-2788.	4.6	12
10	Effect of induced inner curvature on refractive index sensitivity in internally tilted long-period gratings. <i>Optics Letters</i> , 2016, 41, 1443.	3.3	34
11	An approximate analytical model for temperature and power distribution in high-power Yb-doped double-clad fiber lasers. <i>Laser Physics</i> , 2014, 24, 115107.	1.2	8
12	Efficiency Enhancement of PtSi Detectors by Photonic Crystals. <i>IEEE Sensors Journal</i> , 2014, 14, 4055-4058.	4.7	1
13	On the pH and concentration response of an evanescent field absorption sensor using a coiled-shape plastic optical fiber. <i>Sensors and Actuators A: Physical</i> , 2011, 165, 181-184.	4.1	38
14	DEFORMED HARMONIC OSCILLATOR AND NONLINEAR COHERENT STATES: NONCOMMUTATIVE QUANTUM SPACE APPROACH. <i>International Journal of Modern Physics A</i> , 2009, 24, 1963-1986.	1.5	5