

Mahmood Soltanolkotabi

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

293
citations

1307594

7
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

508
citing authors

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