Elmira Solati

List of Publications by Year in descending order

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FIMIDA SOLATI

#	Article	IF	CITATIONS
1	Role of laser fluence in decoration of graphene nanosheets with TiO2 nanoparticles by pulsed laser ablation method. Journal of Alloys and Compounds, 2021, 861, 157956.	5.5	14
2	Effects of Liquid Ablation Environment on the Characteristics of TiO2 Nanoparticles. Journal of Cluster Science, 2020, 31, 961-969.	3.3	12
3	Producing graphene nanosheets by pulsed laser ablation: Effects of liquid environment. Journal of Laser Applications, 2019, 31, .	1.7	22
4	Effect of Laser Fluence on the Characteristics of Graphene Nanosheets Produced by Pulsed Laser Ablation in Water. Journal of Applied Spectroscopy, 2019, 86, 238-243.	0.7	11
5	Properties of Au/Copper oxide nanocomposite prepared by green laser irradiation of the mixture of individual suspensions. Optical Materials, 2018, 78, 388-395.	3.6	21
6	Using silicon nanoparticles to modify the surface of graphene nanosheets. Materials Science in Semiconductor Processing, 2018, 75, 75-83.	4.0	18
7	Effects of wavelength and fluence on the graphene nanosheets produced by pulsed laser ablation. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	13
8	Nonlinear optical response of graphene/silicon nanocomposites. Optical and Quantum Electronics, 2018, 50, 1.	3.3	7
9	Effect of CTAB concentration on the properties of graphene nanosheet produced by laser ablation. Optics and Laser Technology, 2017, 97, 209-218.	4.6	30
10	Estimation of Lattice Strain in ZnO Nanoparticles Produced by Laser Ablation at Different Temperatures. Journal of Applied Spectroscopy, 2017, 84, 490-497.	0.7	27
11	Effect of temperature on the characteristics of ZnO nanoparticles produced by laser ablation in water. Bulletin of Materials Science, 2016, 39, 1677-1684.	1.7	30
12	Nonlinear optical properties of the mixture of ZnO nanoparticles and graphene nanosheets. Applied Physics B: Lasers and Optics, 2016, 122, 1.	2.2	46
13	Effect of Aqueous Ablation Environment on the Characteristics of ZnO Nanoparticles Produced by Laser Ablation. Journal of Cluster Science, 2016, 27, 127-138.	3.3	38
14	Properties of Au/ZnO Nanocomposite Prepared by Laser Irradiation of the Mixture of Individual Colloids. Journal of Cluster Science, 2015, 26, 1743-1754.	3.3	28
15	Comparison Between Silver and Gold Nanoparticles Prepared by Pulsed Laser Ablation in Distilled Water. Journal of Cluster Science, 2015, 26, 727-742.	3.3	63
16	Effect of laser pulse energy and wavelength on the structure, morphology and optical properties of ZnO nanoparticles. Optics and Laser Technology, 2014, 58, 26-32.	4.6	75
17	Effects of laser pulse wavelength and laser fluence on the characteristics of silver nanoparticle generated by laser ablation. Applied Physics A: Materials Science and Processing, 2013, 112, 689-694.	2.3	70
18	Investigation of the Structure and Properties of Nanoscale Grain-Size β-Tantalum Thin Films. Molecular Crystals and Liquid Crystals, 2013, 571, 67-76.	0.9	14

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#	Article	IF	CITATIONS
19	Photoluminescence of ZnO nanoparticles generated by laser ablation in deionized water. Applied Physics A: Materials Science and Processing, 2012, 109, 307-314.	2.3	65
20	Effects of low temperature on the characteristics of tantalum thin films. Vacuum, 2011, 86, 51-55.	3.5	20
21	Laser ablation assisted synthesis of graphene/CuO nanocomposite: effect of laser fluence. Materials Technology, 0, , 1-10.	3.0	0