

Mohammad Kouhi

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

5,227
citations

686830

13
h-index

610482

24
g-index

27
all docs

27
docs citations

27
times ranked

8879
citing authors

#	ARTICLE	IF	CITATIONS
1	Liposome: classification, preparation, and applications. <i>Nanoscale Research Letters</i> , 2013, 8, 102.	3.1	2,412
2	Carbon nanotubes: properties, synthesis, purification, and medical applications. <i>Nanoscale Research Letters</i> , 2014, 9, 393.	3.1	865
3	Application of liposomes in medicine and drug delivery. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 381-391.	1.9	516
4	Quantum dots: synthesis, bioapplications, and toxicity. <i>Nanoscale Research Letters</i> , 2012, 7, 480.	3.1	463
5	Application of gold nanoparticles in biomedical and drug delivery. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 410-422.	1.9	387
6	Silver nanoparticles: Synthesis methods, bio-applications and properties. <i>Critical Reviews in Microbiology</i> , 2016, 42, 1-8.	2.7	262
7	Bimetallic nanoparticles: Preparation, properties, and biomedical applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 376-380.	1.9	90
8	Graphene: Synthesis, bio-applications, and properties. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 150-156.	1.9	67
9	Investigation of quadratic electro-optic effects and electro-absorption process in GaN/AlGaIn spherical quantum dot. <i>Nanoscale Research Letters</i> , 2014, 9, 131.	3.1	60
10	Electric field effect on the quadratic electro optic effects and electro absorption process in GaN/AlGaIn spherical quantum dot. <i>Optik</i> , 2016, 127, 3379-3382.	1.4	17
11	Resonance effect for strong increase of fusion gains at thermal compression for volume ignition of Hydrogen Boron-11. <i>Laser and Particle Beams</i> , 2011, 29, 125-134.	0.4	16
12	Liquid Crystal-Based Surface Plasmon Resonance Biosensor. <i>Plasmonics</i> , 2020, 15, 61-71.	1.8	16
13	Third order susceptibility enhancement using GaN based composite nanoparticle. <i>Optik</i> , 2013, 124, 6669-6675.	1.4	13
14	Nonlinear optical absorption in the core shell nanowire. <i>International Journal of Modern Physics B</i> , 2017, 31, 1750164.	1.0	10
15	Comparison of capacitance-frequency and current-voltage characteristics of Al/CdS-PVP/p-Si and Al/p-Si structures. <i>Physica B: Condensed Matter</i> , 2022, 640, 413836.	1.3	6
16	Collective stopping power in laser driven fusion plasmas for block ignition. <i>Laser and Particle Beams</i> , 2010, 28, 3-9.	0.4	5
17	Deposition of ZnO thin film by plasma sputtering method and study of changes in its physical and morphological properties under gamma irradiation with different doses. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 15533-15543.	1.1	4
18	Study of nonlinear optical absorption in GaN/AlGaIn core-shell nanowire. <i>Journal of Nanophotonics</i> , 2017, 11, 016012.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Temperature effects on liquid crystal-based tunable biosensors. <i>Optik</i> , 2021, 242, 167383.	1.4	3
20	Study of nonlinear optical susceptibility of defective shell spherical quantum dot. <i>Optik</i> , 2017, 136, 265-274.	1.4	2
21	Dynamics of strongly nonlinear electrostatic waves in warm plasma. <i>European Physical Journal D</i> , 2020, 74, 1.	0.6	2
22	The mean energy transfer and collisional absorption coefficient of high power laser in plasma. <i>Optik</i> , 2020, 212, 164666.	1.4	2
23	Third harmonic Brillouin scattering of laser in weakly and strongly coupled plasmas. <i>Optik</i> , 2016, 127, 2890-2894.	1.4	1
24	Combined effects of temperature and collisions on large amplitude electron oscillations in non-relativistic plasma. <i>Physica Scripta</i> , 2019, 94, 105604.	1.2	1
25	Inverse Bremsstrahlung absorption coefficient in inhomogeneous plasma with nonextensive electron velocity distribution and Tsallis exponential electron density profile. <i>Contributions To Plasma Physics</i> , 2021, 61, e202100029.	0.5	0
26	Positron annihilation lifetime spectroscopy of annealed tungsten. <i>Kerntechnik</i> , 2022, 87, 226-229.	0.2	0