

# Shahidan Radiman

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

283  
citations

1163117

8  
h-index

888059

17  
g-index

30  
all docs

30  
docs citations

30  
times ranked

467  
citing authors

#	ARTICLE	IF	CITATIONS
1	The design of new magnetic-photocatalyst nanocomposites (CoFe <sub>2</sub> O <sub>4</sub> @TiO <sub>2</sub> ) as smart nanomaterials for recyclable-photocatalysis applications. <i>New Journal of Chemistry</i> , 2016, 40, 1124-1136.	2.8	62
2	Environmental Synthesis of Few Layers Graphene Sheets Using Ultrasonic Exfoliation with Enhanced Electrical and Thermal Properties. <i>PLoS ONE</i> , 2016, 11, e0152699.	2.5	39
3	Influence of Sonication on the Stability and Thermal Properties of Al <sub>2</sub> O <sub>3</sub> Nanofluids. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-10.	2.7	32
4	Sonochemical synthesis and characterization of Co <sub>3</sub> O <sub>4</sub> nanocrystals in the presence of the ionic liquid [EMIM][BF <sub>4</sub> ]. <i>Ultrasonics Sonochemistry</i> , 2017, 38, 640-651.	8.2	25
5	Cationic Surfactants for Demulsification of Produced Water from Alkaline Surfactant Polymer Flooding. <i>Energy &amp; Fuels</i> , 2019, 33, 115-126.	5.1	25
6	Fabrication, characterization, and thermal property evaluation of silver nanofluids. <i>Nanoscale Research Letters</i> , 2014, 9, 645.	5.7	17
7	Analytic view at alpha clustering in even-even heavy nuclei near magic numbers 82 and 126. <i>European Physical Journal A</i> , 2015, 51, 1.	2.5	11
8	Quantum gravity effects on charged microblack holes thermodynamics. <i>International Journal of Modern Physics A</i> , 2016, 31, 1650129.	1.5	10
9	Alpha Decay Preformation Factors for Even-Even 280 <sup>+</sup> Superheavy Isotopes. <i>Brazilian Journal of Physics</i> , 2016, 46, 355-360.	1.4	10
10	Effect of core deformation on 17B halo nucleus. <i>Physics of Atomic Nuclei</i> , 2014, 77, 275-281.	0.4	8
11	Nuclear structure of 14Be nucleus. <i>Journal of the Korean Physical Society</i> , 2012, 61, 27-32.	0.7	7
12	Calculations of alpha cluster preformation probability for the three even-even superheavy isotopes with atomic number Z = 108,110 and 112. <i>International Journal of Modern Physics E</i> , 2017, 26, 1750008.	1.0	7
13	Mesoporous titania photocatalyst: effect of relative humidity and aging on the preparation of mesoporous titania and on its photocatalytic activity performance. <i>Research on Chemical Intermediates</i> , 2013, 39, 1003-1014.	2.7	6
14	Study on the Effect of <sup>60</sup> Co-Irradiation on Gadolinium Oxysulfide Nanophosphors (Gd <sub>2</sub> O <sub>2</sub> S-NPs). <i>Journal of Nanomaterials</i> , 2017, 2017, 1-6.	2.7	6
15	Thermal Wavelength Measurement of Nanofluid in an Optical-Fiber Thermal Wave Cavity Technique to Determine the Thermal Diffusivity. <i>Scientific World Journal</i> , The, 2018, 2018, 1-9.	2.1	5
16	Effect of gamma irradiation on hyaluronic acid and dipalmitoylphosphatidylcholine (DPPC) interaction. <i>AIP Conference Proceedings</i> , 2014, , .	0.4	3
17	Microwave-assisted Synthesis of Ru-Sn-ZnO for Catalysis Application. , 2010, , .		2
18	Effect of polyethylene glycol-2000 on amino acid surfactant-based vesicles. <i>Colloid and Polymer Science</i> , 2014, 292, 1619-1625.	2.1	2

#	ARTICLE	IF	CITATIONS
19	Methanol as a Suitable Solvent for Polyaniline Emeraldine Base (PANI-EB)., 2010, , .		1
20	Vesicles and lamella: outcome of the changing formation path of a sodium N-lauroylsarcosinate hydrate/1-decanol/water system. Nature Precedings, 2012, , .	0.1	1
21	Charged Massive Particleâ€™s Tunneling from Charged Nonrotating Microblack Hole. Advances in High Energy Physics, 2016, 2016, 1-8.	1.1	1
22	Structure study of two-neutron halo nuclei, 22C using three-body model. AIP Conference Proceedings, 2017, , .	0.4	1
23	Study of two-neutron halo structure nucleus 19B and 22C via core deformation parameter at s- and p-states. AIP Conference Proceedings, 2018, , .	0.4	1
24	Photothermal Effect of Modulating Laser Irradiation on the Thermal Diffusivity of Al <sub>2</sub> O <sub>3</sub> Nanofluids. Nanoscale Research Letters, 2019, 14, 37.	5.7	1
25	Preparation of Ru Nanoparticles Supported on Al <sub>2</sub> O <sub>3</sub> by Using Conventional Microwave Oven: Effect of Irradiation Power. AIP Conference Proceedings, 2011, , .	0.4	0
26	Simple Thermodynamically-Derived Model for Predicting the Hydrolase and Transferase Activity of Phospholipase D in the Synthesis of Phosphatidylglycerol. Lipid Insights, 2012, 5, LPI.S8376.	1.0	0
27	The spatially flat Friedmann equation for early rainbow universe. Modern Physics Letters A, 2015, 30, 1550165.	1.2	0
28	A Simple Investigation of the Thermal Effusivity of Silver Nanofluid Using Photopyroelectric Technique. International Journal of Thermophysics, 2016, 37, 1.	2.1	0
29	Microstructural characterization of oxide dispersion strengthened (ODS) Fe-12Cr-0.5Y <sub>2</sub> O <sub>3</sub> alloy. AIP Conference Proceedings, 2016, , .	0.4	0
30	Solvothermal preparation of single layer graphene decorated with ZnO microspheres. AIP Conference Proceedings, 2018, , .	0.4	0