

B Bindhu

List of Publications by Year in descending order

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27
papers

166
citations

1478505

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12
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28
all docs

28
docs citations

28
times ranked

173
citing authors

#	ARTICLE	IF	CITATIONS
1	An eco-friendly green biopolymer blend for copper corrosion inhibition. <i>Polymer Bulletin</i> , 2022, 79, 121-136.	3.3	6
2	Emerging Trends in Nano Structured Silicon Detectors for Neutron Spectroscopy. <i>Silicon</i> , 2022, 14, 1331-1337.	3.3	6
3	Highly Stable ZrO ₂ /Silicone Oil Nanofluid for Cutting Fluid Applications. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 949-956.	3.0	7
4	Effects of hafnium on the structural, optical and ferroelectric properties of sol-gel synthesized barium titanate ceramics. <i>Journal of the Korean Ceramic Society</i> , 2022, 59, 240-251.	2.3	4
5	Structural and optical analyses of sol-gel synthesized hafnium-doped barium calcium titanate. <i>Bulletin of Materials Science</i> , 2022, 45, 1.	1.7	3
6	Perspectives of polylactic acid from structure to applications. <i>Polymers From Renewable Resources</i> , 2021, 12, 60-74.	1.3	17
7	Impact of surface-modified molybdenum disulphide on crystallization, thermal and mechanical properties of polyvinylidene fluoride. <i>Polymer Bulletin</i> , 2020, 77, 757-773.	3.3	5
8	Modified molybdenum disulfide induced beta polymorph phase transition in Polyvinylidene fluoride. <i>Chemical Physics Letters</i> , 2020, 740, 137081.	2.6	6
9	Silicon based nano-sensors for neutron dosimetry: Proof of concept. <i>Materials Today: Proceedings</i> , 2020, 33, 2293-2295.	1.8	1
10	Hydroxylation of boron nitride nanosheets. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
11	A polymer blend from Gum Arabic and Sodium Alginate - preparation and characterization. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	32
12	Functionalized boron nitride with enhanced property. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
13	Enhancement of the optical properties of fluorinated boron nitride nanosheets. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	1
14	Nitric acid assisted sol-gel synthesis of cobalt ferrite nano particles. <i>Materials Today: Proceedings</i> , 2020, 33, 1234-1237.	1.8	0
15	Validation of PRIMO monte carlo model of clinac ⁶ ix 6mv photon beam. <i>Journal of Medical Physics</i> , 2020, 45, 24.	0.3	8
16	Medicinal Implication of Syzygium Cumini Nut on the Growth of Brushite Crystals. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2019, 89, 587-592.	1.2	2
17	Efficient mixed solvent strategy for boron nitride exfoliation. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
18	Ionic liquid assisted exfoliation and dispersion of molybdenum disulphide: Synthesis and characterization. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	3

#	ARTICLE	IF	CITATIONS
19	The estimation of radiation induced damages on nano-structured nuclear radiation detectors. AIP Conference Proceedings, 2019, , .	0.4	2
20	AN EXPERIMENTAL STUDY ON SURFACE MODIFIER ASSISTED EXFOLIATION OF MOLYBDENUM DISULPHIDE IN A MIXED SOLVENT. Rasayan Journal of Chemistry, 2019, 12, 1872-1880.	0.4	0
21	Preparation and Characterization of Few Layered MoS2 Nano Flakes. International Journal of Recent Technology and Engineering, 2019, 8, 146-148.	0.2	3
22	Boron Nitride reinforced polylactic acid composites film for packaging: Preparation and properties. Polymer Testing, 2018, 66, 172-177.	4.8	35
23	Aqueous Exfoliation Of Molybdenum Disulfide Using Ultrasonication. Materials Today: Proceedings, 2018, 5, 13152-13156.	1.8	2
24	Molybdenum disulfide nanoflakes through Li-AHA assisted exfoliation in an aqueous medium. RSC Advances, 2016, 6, 22026-22033.	3.6	17
25	Studies on the effect of phyllanthus emblica extract on the growth of urinary type struvite crystals invitro. Clinical Phytoscience, 2015, 1, .	1.6	5
26	Effects of Epithermal Neutron Irradiation on the Characteristics of the Porous Silicon. Silicon, 0, , 1.	3.3	0
27	Surface Modification of Boron Nitride Nanosheets for Effective Heat Transfer Applications. Chemistry Africa, 0, , 1.	2.4	1