

Ameni Brahmia

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

347
citations

933447

10
h-index

839539

18
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24
all docs

24
docs citations

24
times ranked

258
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of 2-Mercaptobenzimidazole Derivatives as Corrosion Inhibitors for Mild Steel in Hydrochloric Acid. <i>Metals</i> , 2020, 10, 357.	2.3	58
2	Synthesis, crystal structure, hirshfeld surface analysis, spectroscopic, biological and first-principles studies of novel aminocoumarins. <i>Journal of Molecular Structure</i> , 2020, 1221, 128862.	3.6	28
3	Simultaneous synthesis of H ₂ , O ₂ , and N ₂ via an innovatory energy system in Coronavirus pandemic time: Design, techno-economic assessment, and optimization approaches. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 26038-26052.	7.1	28
4	Theoretical and experimental insights about the adsorption of uranyl ion on a new designed Vermiculite-Polymer composite. <i>Journal of Molecular Liquids</i> , 2022, 352, 118727.	4.9	27
5	Mercerization effect on structure and electrical properties of cellulose: Development of a novel fast Na-ionic conductor. <i>Carbohydrate Polymers</i> , 2019, 221, 29-36.	10.2	25
6	The parametric computation of nonlinear convection magnetohydrodynamic nanofluid flow with internal heating across a fixed and spinning disk. <i>Waves in Random and Complex Media</i> , 0, , 1-16.	2.7	17
7	A facile approach for the synthesis of spinel zinc ferrite/cellulose as an effective photocatalyst for the degradation of methylene blue in aqueous solution. <i>Cellulose</i> , 2022, 29, 2565-2576.	4.9	16
8	Heat and Mass Transfer of the Darcy-Forchheimer Casson Hybrid Nanofluid Flow due to an Extending Curved Surface. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-12.	2.7	14
9	Numerical Simulations of Environmental Energy Features in Solar Pump Application by Using Hybrid Nanofluid Flow: Prandtl-Eyring Case. <i>Energy and Environment</i> , 2023, 34, 780-807.	4.6	12
10	Entropy analysis of radiative [MgZn ₆ Zr-Cu/EO] Casson hybrid nanofluid with variant thermal conductivity along a stretching surface: Implementing Keller box method. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2022, 236, 6501-6520.	2.1	12
11	3-[1-(2-Hydroxyanilino)ethylidene]-3 <i>H</i> -chromen-2,4-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1296-o1296.	0.2	11
12	Polymorphism in 3-acetyl-4-hydroxy-2 <i>H</i> -chromen-2-one. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015, 71, 873-877.	0.5	7
13	Mechanical Performance of Geopolymer Composites Containing Nano-Silica and Micro-Carbon Fibers. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 12621-12632.	3.0	7
14	Crystal structure of 3-(2,2-dibromoacetyl)-4-hydroxy-2 <i>H</i> -chromen-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 121-123.	0.5	3
15	Structural, spectroscopic and first-principles studies of new aminocoumarin derivatives. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 1617-1627.	0.5	3
16	The Neutrosophic Lognormal Model in Lifetime Data Analysis: Properties and Applications. <i>Journal of Function Spaces</i> , 2021, 2021, 1-9.	0.9	3
17	Study of Chemical Composition, Antibacterial and Antioxidant Activities of <i>Rapistrum rugosum</i> L. Essential Oils from Flowers, Leaves, and Stems. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2019, 22, 1416-1426.	1.9	2
18	Structure, thermal stability and electrical properties of cellulose-phosphate : development of a novel fast Na-ionic conductor. <i>Polymer International</i> , 2021, 70, 1290-1297.	3.1	2

#	ARTICLE	IF	CITATIONS
19	Synthesis, crystal structure, Hirshfeld surface analysis and DFT calculations of 2, 2, 2-tribromo-1-(3,5-dibromo-2-hydroxyphenyl)ethanone. Journal of Molecular Structure, 2022, 1248, 131313.	3.6	2
20	Life Cycle Impact Assessment (Cradle-to-Gate) of Fiber-Reinforced Concrete Application for Pavement Use: A Case Study of Islamabad City. International Journal of Pavement Research and Technology, 2023, 16, 247-263.	2.6	2
21	Synthesis, crystal structure, Hirshfeld surface analysis, spectroscopic characterizations and electrical properties of the new complex of cobalt (III) and the Schiff-base of dihydroxycoumarin. Journal of Molecular Structure, 2021, 1246, 131161.	3.6	1
22	Biopolymer Nanocomposite Based Food Packaging. Food Engineering Series, 2020, , 177-188.	0.7	0