

Mohammad Hilni Harunsani

List of Publications by Year in descending order

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28
papers

902
citations

489802

18
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591227

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docs citations

28
times ranked

852
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Zr doping on photoantioxidant and antibiofilm properties of CeO ₂ NPs fabricated using aqueous leaf extract of <i>Pometia pinnata</i> . <i>Bioprocess and Biosystems Engineering</i> , 2022, 45, 279-295.	1.7	7
2	Structural, Morphological and Optical Studies of CeO ₂ Nanoparticles Synthesized Using Aqueous Leaf Extract of <i>Pometia pinnata</i> . <i>BioNanoScience</i> , 2022, 12, 393-404.	1.5	10
3	Visible light active La-doped Ag ₃ PO ₄ for photocatalytic degradation of dyes and reduction of Cr(VI). <i>Solid State Sciences</i> , 2022, 131, 106950.	1.5	12
4	Zinc oxide-based nanomaterials for photocatalytic degradation of environmental and agricultural pollutants. , 2021, , 543-568.		0
5	Green synthesis of CeO ₂ and Zr/Sn-dual doped CeO ₂ nanoparticles with photoantioxidant and antibiofilm activities. <i>Biomaterials Science</i> , 2021, 9, 4854-4869.	2.6	36
6	Photoantioxidant and antibiofilm studies of green synthesized Sn-doped CeO ₂ nanoparticles using aqueous leaf extracts of <i>Pometia pinnata</i> . <i>New Journal of Chemistry</i> , 2021, 45, 7816-7829.	1.4	29
7	Green-synthesized CeO ₂ nanoparticles for photocatalytic, antimicrobial, antioxidant and cytotoxicity activities. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5599-5620.	2.9	66
8	Green and Phytogetic Fabrication of Co-Doped SnO ₂ Using Aqueous Leaf Extract of <i>Tradescantia spathacea</i> for Photoantioxidant and Photocatalytic Studies. <i>BioNanoScience</i> , 2021, 11, 120-135.	1.5	12
9	Effect of Mg doping on ZnO fabricated using aqueous leaf extract of <i>Ziziphus mauritiana</i> Lam. for antioxidant and antibacterial studies. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 875-889.	1.7	28
10	Zinc oxide and zinc oxide-based nanostructures: biogenic and phytogetic synthesis, properties and applications. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 1333-1372.	1.7	55
11	Antioxidant and antibacterial studies of phytogetic fabricated ZnO using aqueous leaf extract of <i>Ziziphus mauritiana</i> Lam. <i>Chemical Papers</i> , 2021, 75, 3295-3308.	1.0	22
12	Influence of Mg and Cu dual-doping on phytogetic synthesized ZnO for light induced antibacterial and radical scavenging activities. <i>Materials Science in Semiconductor Processing</i> , 2021, 128, 105761.	1.9	41
13	Visible light induced antibacterial and antioxidant studies of ZnO and Cu-doped ZnO fabricated using aqueous leaf extract of <i>Ziziphus mauritiana</i> Lam. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105481.	3.3	30
14	Effect of Co ²⁺ and Ni ²⁺ co-doping on SnO ₂ synthesized via phytogetic method for photoantioxidant studies and photoconversion of 4-nitrophenol. <i>Materials Today Communications</i> , 2020, 25, 101677.	0.9	15
15	Antibacterial Studies of ZnO and Cu-Doped ZnO Nanoparticles Synthesized Using Aqueous Leaf Extract of <i>Stachytarpheta jamaicensis</i> . <i>BioNanoScience</i> , 2020, 10, 1037-1048.	1.5	38
16	Photoantioxidant studies of SnO ₂ nanoparticles fabricated using aqueous leaf extract of <i>Tradescantia spathacea</i> . <i>Solid State Sciences</i> , 2020, 105, 106279.	1.5	33
17	Effect of Ni-doping on properties of the SnO ₂ synthesized using <i>Tradescantia spathacea</i> for photoantioxidant studies. <i>Materials Chemistry and Physics</i> , 2020, 252, 123293.	2.0	32
18	Plant-Extract-Mediated SnO ₂ Nanoparticles: Synthesis and Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 3040-3054.	3.2	127

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19	Antibacterial activities of zinc oxide and Mn-doped zinc oxide synthesized using <i>Melastoma malabathricum</i> (L.) leaf extract. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 1499-1508.	1.7	36
20	Phytogenic Synthesis of Band Gap-Narrowed ZnO Nanoparticles Using the Bulb Extract of <i>Costus woodsonii</i> . <i>BioNanoScience</i> , 2019, 9, 334-344.	1.5	37
21	Potentials of <i>Costus woodsonii</i> leaf extract in producing narrow band gap ZnO nanoparticles. <i>Materials Science in Semiconductor Processing</i> , 2019, 91, 194-200.	1.9	84
22	Phthalate Sample Preparation Methods and Analysis in Food and Food Packaging: a Review. <i>Food Analytical Methods</i> , 2017, 10, 3790-3814.	1.3	36
23	Spontaneous formation of circular and vortex ferroelectric domain structure in hexagonal YMnO ₃ and YMn _{0.9} Fe _{0.1} O ₃ prepared by low temperature solution synthesis. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	15
24	An investigation of Zr doping in NaBiTi ₂ O ₆ perovskite by direct hydrothermal synthesis. <i>Dalton Transactions</i> , 2015, 44, 10714-10720.	1.6	3
25	Control of chemical state of cerium in doped anatase TiO ₂ by solvothermal synthesis and its application in photocatalytic water reduction. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9890-9898.	5.2	27
26	Investigation of some new hydro(solvo)thermal synthesis routes to nanostructured mixed-metal oxides. <i>Journal of Solid State Chemistry</i> , 2014, 214, 30-37.	1.4	8
27	Investigation of the hydrothermal crystallisation of the perovskite solid solution NaCe _{1-x} La _x Ti ₂ O ₆ and its defect chemistry. <i>Journal of Solid State Chemistry</i> , 2013, 207, 117-125.	1.4	8
28	Electronic and Structural Properties of Sn _x Ti _{1-x} O ₂ (0.0 ≤ x ≤ 0.1) Solid Solutions. <i>Chemistry of Materials</i> , 2010, 22, 1551-1558.	3.2	55