

Mohamed Ismail

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

628
citations

687363

13
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

662
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient adsorption of indigo carmine dye from aqueous solution on mesoporous Mg/Fe layered double hydroxide nanoparticles prepared by controlled sol-gel route. <i>Chemosphere</i> , 2017, 174, 280-288.	8.2	107
2	Synthesis of mesoporous TiO ₂ curcumin nanoparticles for photocatalytic degradation of methylene blue dye. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 160, 134-141.	3.8	97
3	Effect of porphyrin on photocatalytic activity of TiO ₂ nanoparticles toward Rhodamine B photodegradation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 176, 25-35.	3.8	90
4	Investigation of commercial PbCrO ₄ /TiO ₂ for photodegradation of rhodamine B in aqueous solution by visible light. <i>Nanotechnology for Environmental Engineering</i> , 2017, 2, 1.	3.3	43
5	A novel BiVO ₃ /SnO ₂ step S-scheme nano-heterojunction for an enhanced visible light photocatalytic degradation of amaranth dye and hydrogen production. <i>RSC Advances</i> , 2021, 11, 29507-29518.	3.6	37
6	Mesoporous MgO nanoparticles as a potential sorbent for removal of fast orange and bromophenol blue dyes. <i>Nanotechnology for Environmental Engineering</i> , 2016, 1, 1.	3.3	30
7	Rapid photocatalytic degradation of RhB dye and photocatalytic hydrogen production on novel curcumin/SnO ₂ nanocomposites through direct Z-scheme mechanism. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 19188-19203.	2.2	28
8	Construction of novel AgIO ₄ /ZnO/graphene direct Z-scheme heterojunctions for exceptional photocatalytic hydrogen gas production. <i>Nanotechnology for Environmental Engineering</i> , 2021, 6, 1.	3.3	20
9	The controlled synthesis and DFT investigation of novel (0D) (3D) ZnS/SiO ₂ heterostructures for photocatalytic applications. <i>RSC Advances</i> , 2021, 11, 22352-22364.	3.6	19
10	The critical role of Tween 80 as a "green" template on the physical properties and photocatalytic performance of TiO ₂ nanoparticles for Rhodamine B photodegradation. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 4650-4661.	2.2	17
11	Fabrication of novel AgIO ₄ /TiO ₂ heterojunction for photocatalytic hydrogen production through direct Z-scheme mechanism. <i>Nanotechnology for Environmental Engineering</i> , 2020, 5, 1.	3.3	15
12	Preparation and characterization of nanocomposites in system as: SnO ₂ -xTiO ₂ (where x=25, 50 and 100) for photocatalytic degradation of Rhodamine B. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 4650-4661.	2.4	10
13	Facile synthesis of novel microporous CdSe/SiO ₂ nanocomposites selective for removal of methylene blue dye by tandem adsorption and photocatalytic process. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 17527-17539.	2.2	10
14	Facile one-pot aqueous synthesis of highly soluble and luminescent CdSe quantum dots without nitrogen bubbling. <i>CrystEngComm</i> , 2020, 22, 4816-4822.	2.6	9
15	Potentiometric sensors for the selective determination of sulbutiamine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1999, 21, 415-421.	2.8	7
16	Construction and Evaluation of a Novel Glafenine Ion-Selective Electrode. <i>Analytical Letters</i> , 1995, 28, 13-26.	1.8	5
17	Photocatalytic hydrogen production on the surface of cadmium sulphide and other different doping nanomaterials dispersed on zinc oxide. <i>Nanotechnology for Environmental Engineering</i> , 0, , .	3.3	1
18	Thermal and textural characteristics of modified silica. <i>Journal of Chemical Technology and Biotechnology</i> , 1985, 35, 297-307.	0.0	0