

Nur Farhana Jaafar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/731577/publications.pdf>

Version: 2024-02-01

28
papers

973
citations

623188

14
h-index

610482

24
g-index

28
all docs

28
docs citations

28
times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of deep eutectic solvent in photocatalyst fabrication methods for water pollutant degradation: A review. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107422.	3.3	15
2	Insight into the influence of defect sites in mixed phase of mesoporous titania nanoparticles toward photocatalytic degradation of 2-chlorophenol: Effect of light source. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 1644.	0.8	2
3	Strategies for the formation of oxygen vacancies in zinc oxide nanoparticles used for photocatalytic degradation of phenol under visible light irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 388, 112202.	2.0	44
4	Effect of microwave power intensity on synthesis of mesoporous titania nanoparticles for degradation of 2,4-dichlorophenol: Photoactivity performance and kinetic studies. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 736, 032016.	0.3	4
5	ZnO Surface Doping to Enhance the Photocatalytic Activity of Lithium Titanate/TiO ₂ for Methylene Blue Photodegradation under Visible Light Irradiation. <i>Surfaces</i> , 2020, 3, 301-318.	1.0	12
6	Methylene Blue Adsorption onto Cockle Shells-Treated Banana Pith: Optimization, Isotherm, Kinetic, and Thermodynamic Studies. <i>Indonesian Journal of Chemistry</i> , 2020, 20, 368.	0.3	5
7	Electrogenerated iron supported on mesoporous titania nanoparticles for the photocatalytic degradation of 2-chlorophenol. <i>Comptes Rendus Chimie</i> , 2019, 22, 813-821.	0.2	7
8	X-ray diffraction and spectroscopic studies of microwave synthesized mesoporous titania nanoparticles for photodegradation of 2-chlorophenol under visible light. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	4
9	Adsorption and Release of 5-Fluorouracil (5FU) from Mesoporous Silica Nanoparticles. <i>Materials Today: Proceedings</i> , 2019, 19, 1722-1729.	0.9	9
10	Electrochemical Degradation of Reactive Blue 21 and Synthetic Textile Effluent by Using Co47.5/C47.5-PVC5 Composite Electrode. <i>Acta Chimica Slovenica</i> , 2019, 66, 284-293.	0.2	0
11	Strategies for introducing titania onto mesostructured silica nanoparticles targeting enhanced photocatalytic activity of visible-light-responsive Ti-MSN catalysts. <i>Journal of Cleaner Production</i> , 2017, 143, 948-959.	4.6	66
12	New direct consecutive formation of spinel phase in (Fe,Co,Ni)Al ₂ O ₄ composites for enhanced Pd(II) ions removal. <i>Journal of Alloys and Compounds</i> , 2017, 727, 744-756.	2.8	12
13	Visible-light photoactivity of plasmonic silver supported on mesoporous TiO ₂ nanoparticles (Ag-MTN) for enhanced degradation of 2-chlorophenol: Limitation of Ag-Ti interaction. <i>Applied Surface Science</i> , 2017, 392, 1068-1077.	3.1	51
14	SIGNIFICANT EFFECT OF PH ON PHOTOCATALYTIC DEGRADATION OF ORGANIC POLLUTANTS USING SEMICONDUCTOR CATALYSTS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.3	4
15	Synergistic interactions of Cu and N on surface altered amorphous TiO ₂ nanoparticles for enhanced photocatalytic oxidative desulfurization of dibenzothiophene. <i>RSC Advances</i> , 2016, 6, 76259-76268.	1.7	54
16	Structural rearrangement of mesostructured silica nanoparticles incorporated with ZnO catalyst and its photoactivity: Effect of alkaline aqueous electrolyte concentration. <i>Applied Surface Science</i> , 2015, 330, 10-19.	3.1	42
17	Direct in situ activation of Ag ₀ nanoparticles in synthesis of Ag/TiO ₂ and its photoactivity. <i>Applied Surface Science</i> , 2015, 338, 75-84.	3.1	85
18	New insights into self-modification of mesoporous titania nanoparticles for enhanced photoactivity: effect of microwave power density on formation of oxygen vacancies and Ti ³⁺ defects. <i>RSC Advances</i> , 2015, 5, 90991-91000.	1.7	45

#	ARTICLE	IF	CITATIONS
19	Copper oxide supported on graphene for photodegradation of rhodamine B. Malaysian Journal of Fundamental and Applied Sciences, 2015, 11, .	0.4	1
20	Variation of the crystal growth of mesoporous silica nanoparticles and the evaluation to ibuprofen loading and release. Journal of Colloid and Interface Science, 2014, 421, 6-13.	5.0	56
21	Synthesis of reverse micelle γ -FeOOH nanoparticles in ionic liquid as an only electrolyte: Inhibition of electron-hole pair recombination for efficient photoactivity. Applied Catalysis A: General, 2014, 469, 33-44.	2.2	47
22	A facile preparation of nanosized ZnO and its use in photocatalytic decolorization of methyl orange. Malaysian Journal of Fundamental and Applied Sciences, 2014, 7, .	0.4	1
23	Tailoring the current density to enhance photocatalytic activity of CuO/HY for decolorization of malachite green. Journal of Electroanalytical Chemistry, 2013, 701, 50-58.	1.9	52
24	Sequential desilication-isomorphous substitution route to prepare mesostructured silica nanoparticles loaded with ZnO and their photocatalytic activity. Applied Catalysis A: General, 2013, 468, 276-287.	2.2	69
25	Isomorphous substitution of Zr in the framework of aluminosilicate HY by an electrochemical method: Evaluation by methylene blue decolorization. Applied Catalysis B: Environmental, 2012, 125, 311-323.	10.8	81
26	Utilization of bivalve shell-treated Zea mays L. (maize) husk leaf as a low-cost biosorbent for enhanced adsorption of malachite green. Bioresource Technology, 2012, 120, 218-224.	4.8	112
27	Photodecolorization of methyl orange over γ -Fe ₂ O ₃ -supported HY catalysts: The effects of catalyst preparation and dealumination. Chemical Engineering Journal, 2012, 191, 112-122.	6.6	93
28	Electrogenerated Copper Supported Zinc Oxide for Degradation of 2,4-Dichlorophenol. Key Engineering Materials, 0, 920, 1-6.	0.4	0