Khairul Arifah Saharudin

List of Publications by Year
in descending order

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21 papers	342 citations	1040056 9 h-index	1058476 14 g-index
21 all docs	21 docs citations	21 times ranked	590 citing authors

#	Article	IF	Citations
1	Fast-rate formation of TiO₂nanotube arrays in an organic bath and their applications in photocatalysis. Nanotechnology, 2010, 21, 365603.	2.6	97
2	Formation of TiO₂nanotubes via anodization and potential applications for photocatalysts, biomedical materials, and photoelectrochemical cell. IOP Conference Series: Materials Science and Engineering, 2011, 21, 012002.	0.6	50
3	Fabrication and photocatalysis of nanotubular C-doped TiO2 arrays: Impact of annealing atmosphere on the degradation efficiency of methyl orange. Materials Science in Semiconductor Processing, 2014, 20, 1-6.	4.0	35
4	Improved super-hydrophobicity of eco-friendly coating from palm oil fuel ash (POFA) waste. Surface and Coatings Technology, 2018, 337, 126-135.	4.8	32
5	Bacteriostatic Activity of LLDPE Nanocomposite Embedded with Solâ€“Gel Synthesized TiO2/ZnO Coupled Oxides at Various Ratios. Polymers, 2018, 10, 878.	4.5	26
6	Surface Modification and Bioactivity of Anodic Ti6Al4V Alloy. Journal of Nanoscience and Nanotechnology, 2013, 13, 1696-1705.	0.9	21
7	Bactericidal Capacity of a Heterogeneous TiO₂/ZnO Nanocomposite against Multidrug-Resistant and Non-Multidrug-Resistant Bacterial Strains Associated with Nosocomial Infections. ACS Omega, 2020, 5, 12027-12034.	3.5	20
8	Effect of Li-TiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1292" altimg="si53.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> nanoparticles incorporation in LDPE polymer nanocomposites for biocidal activity. Nano Structures Nano Objects, 2019, 19, 100359.	3.5	17
9	Improved Adhesion of Nonfluorinated ZnO Nanotriangle Superhydrophobic Layer on Glass Surface by Spray-Coating Method. Journal of Nanomaterials, 2018, 2018, 1-11.	2.7	15
10	Heterojunction catalysts g-C3N4/-3ZnO-c-Zn2Ti3O8 with highly enhanced visible-light-driven photocatalytic activity. Journal of Sol-Gel Science and Technology, 2020, 93, 354-370.	2.4	9
11	The bactericidal potential of LLDPE with TiO₂/ZnO nanocomposites against multidrug resistant pathogens associated with hospital acquired infections. Journal of Biomaterials Science, Polymer Edition, 2020, 31, 1757-1769.	3.5	8
12	Nucleation of octahedral titanate crystals using waste anodic electrolyte from the anodization of TiO₂ nanotubes. CrystEngComm, 2017, 19, 6406-6411.	2.6	4
13	Factor Affecting Geometry of TiO2 Nanotube Arrays (TNAs) in Aqueous and Organic Electrolyte. , 2018, , .		2
14	Genome-nanosurface interaction of titania nanotube arrays: evaluation of telomere, telomerase and NF-Î°B activities on an epithelial cell model. RSC Advances, 2022, 12, 2237-2245.	3.6	2
15	The Effect of Water Content on the Formation of TiO₂ Nanotubes in Ethylene Glycol. Advanced Materials Research, 2010, 173, 102-105.	0.3	1
16	P-Incorporated TiO₂ Nanotubes for Methyl Orange Degradation. Advanced Materials Research, 0, 620, 151-155.	0.3	1
17	Nano TiO2 for Biomedical Applications. , 2019, , 267-281.		1
18	New-generation titania-based catalysts for photocatalytic hydrogen generation. , 2020, , 257-292.		1

#	Article	IF	Citations
19	P-Incorporated TiO₂ Nanotube Arrays by Wet Impregnation Method for Efficient Photocatalytic Activity. Advanced Materials Research, 0, 1024, 31-34.	0.3	0
20	Higher Photocatalytic Activity of P-Incorporated TiO₂ Nanotube Arrays. Advanced Materials Research, 0, 1087, 452-456.	0.3	0
21	The Morphological Development of Ordered Nanotube Structure Due to the Anodization of Ti Foil with Axial and Radial Current Flow. Current Nanoscience, 2021, 17, 109-119.	1.2	0