

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	Genome-nanosurface interaction of titania nanotube arrays: evaluation of telomere, telomerase and NF- κ B activities on an epithelial cell model. RSC Advances, 2022, 12, 2237-2245.	3.6	2
2	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
3	Heterojunction catalysts g-C ₃ N ₄ /3ZnO-c-Zn ₂ Ti ₃ O ₈ with highly enhanced visible-light-driven photocatalytic activity. Journal of Sol-Gel Science and Technology, 2020, 93, 354-370.	2.4	9
4	New-generation titania-based catalysts for photocatalytic hydrogen generation. , 2020, , 257-292.		1
5	The bactericidal potential of LLDPE with TiO ₂ /ZnO nanocomposites against multidrug resistant pathogens associated with hospital acquired infections. Journal of Biomaterials Science, Polymer Edition, 2020, 31, 1757-1769.	3.5	8
6	Bactericidal Capacity of a Heterogeneous TiO ₂ /ZnO Nanocomposite against Multidrug-Resistant and Non-Multidrug-Resistant Bacterial Strains Associated with Nosocomial Infections. ACS Omega, 2020, 5, 12027-12034.	3.5	20
7	Effect of Li-TiO ₂ nanoparticles incorporation in LDPE polymer nanocomposites for biocidal activity. Nano Structures Nano Objects, 2019, 10, 100250.	3.5	17
8	Nano TiO ₂ for Biomedical Applications. , 2019, , 267-281.		1
9	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
10	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
11	Bacteriostatic Activity of LLDPE Nanocomposite Embedded with Sol-Gel Synthesized TiO ₂ /ZnO Coupled Oxides at Various Ratios. Polymers, 2018, 10, 878.	4.5	26
12	Factor Affecting Geometry of TiO ₂ Nanotube Arrays (TNAs) in Aqueous and Organic Electrolyte. , 2018, , .		2
13	Nucleation of octahedral titanate crystals using waste anodic electrolyte from the anodization of TiO ₂ nanotubes. CrystEngComm, 2017, 19, 6406-6411.	2.6	4
14	Fabrication and photocatalysis of nanotubular C-doped TiO ₂ arrays: Impact of annealing atmosphere on the degradation efficiency of methyl orange. Materials Science in Semiconductor Processing, 2014, 20, 1-6.	4.0	35
15	Surface Modification and Bioactivity of Anodic Ti6Al4V Alloy. Journal of Nanoscience and Nanotechnology, 2013, 13, 1696-1705.	0.9	21
16	Formation of TiO ₂ nanotubes 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
17	Fast-rate formation of TiO ₂ nanotube arrays in an organic bath and their applications in photocatalysis. Nanotechnology, 2010, 21, 365603.	2.6	97
18	The Effect of Water Content on the Formation of TiO ₂ Nanotubes in Ethylene Glycol. Advanced Materials Research, 2010, 173, 102-105.	0.3	1

#	ARTICLE	IF	CITATIONS
19	P-Incorporated TiO ₂ Nanotubes for Methyl Orange Degradation. <i>Advanced Materials Research</i> , 0, 620, 151-155.	0.3	1
20	P-Incorporated TiO ₂ Nanotube Arrays by Wet Impregnation Method for Efficient Photocatalytic Activity. <i>Advanced Materials Research</i> , 0, 1024, 31-34.	0.3	0
21	Higher Photocatalytic Activity of P-Incorporated TiO ₂ Nanotube Arrays. <i>Advanced Materials Research</i> , 0, 1087, 452-456.	0.3	0