

Jarnuzi Gunlazuardi

List of Publications by Year in descending order

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39
papers

963
citations

687363

13
h-index

454955

30
g-index

39
all docs

39
docs citations

39
times ranked

1398
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic reduction of CO ₂ on copper-doped Titania catalysts prepared by improved-impregnation method. <i>Catalysis Communications</i> , 2005, 6, 313-319.	3.3	337
2	Photocatalytic conversion of CO ₂ using earth-abundant catalysts: A review on mechanism and catalytic performance. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 113, 109246.	16.4	123
3	Water disinfection using an immobilised titanium dioxide film in a photochemical reactor with electric field enhancement. <i>Water Research</i> , 1997, 31, 675-677.	11.3	106
4	Title is missing!. <i>Journal of Applied Electrochemistry</i> , 2001, 31, 623-628.	2.9	55
5	Photocatalytic degradation of pentachlorophenol in aqueous solution employing immobilized TiO ₂ supported on titanium metal. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 173, 51-55.	3.9	37
6	Preparation and Characterization of Transparent Conductive SnO ₂ -F Thin Film Deposited by Spray Pyrolysis: Relationship between Loading Level and Some Physical Properties. <i>Procedia Environmental Sciences</i> , 2015, 28, 242-251.	1.4	34
7	CuO-modified CoTiO ₃ via <i>Catharanthus roseus</i> extract: A novel nanocomposite with high photocatalytic activity. <i>Materials Letters</i> , 2020, 277, 128349.	2.6	33
8	Effect of NaBF ₄ addition on the anodic synthesis of TiO ₂ nanotube arrays photocatalyst for production of hydrogen from glycerolâ€“water solution. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 16927-16935.	7.1	31
9	Enhanced photocatalytic activity of Pt deposited on titania nanotube arrays for the hydrogen production with glycerol as a sacrificial agent. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 24014-24025.	7.1	29
10	Electrochemical Behavior of Zanamivir at Gold-Modified Boron-Doped Diamond Electrodes for an Application in Neuraminidase Sensing. <i>Electrochemistry</i> , 2015, 83, 357-362.	1.4	19
11	Electrochemical oxidation of palmitic acid solution using boron-doped diamond electrodes. <i>Diamond and Related Materials</i> , 2019, 99, 107464.	3.9	16
12	Preparation and Characterization of Fe ₃ O ₄ /SiO ₂ /TiO ₂ Composite for Methylene Blue Removal in Water. <i>International Journal of Technology</i> , 2017, 8, 76.	0.8	16
13	Development of titania nanotube arrays: The roles of water content and annealing atmosphere. <i>Materials Chemistry and Physics</i> , 2015, 160, 111-118.	4.0	14
14	Light-Harvesting Metal-Organic Frameworks (MOFs) La-PTC for Photocatalytic Dyes Degradation. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2021, 16, 170-178.	1.1	14
15	Photocatalytic Degradation of Commercial Diazinon Pesticide Using C,N-codoped TiO ₂ as Photocatalyst. <i>Indonesian Journal of Chemistry</i> , 2020, 20, 587.	0.8	14
16	Preparation and Characterization of Fe ₃ O ₄ /TiO ₂ Composites by Heteroagglomeration. <i>Advanced Materials Research</i> , 0, 626, 131-137.	0.3	10
17	Preparation and Characterization of Magnetite-Silica Nano-Composite as Adsorbents for Removal of Methylene Blue Dyes from Environmental Water Samples. <i>Advanced Materials Research</i> , 0, 896, 525-531.	0.3	8
18	A synergy of CdSe sensitization and exposure of TiO ₂ (011) facet in CdSe-TiO ₂ nanostructures for photoreduction of bicarbonate. <i>Inorganic Chemistry Communication</i> , 2020, 118, 107992.	3.9	8

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19	Recent progress in direct urea fuel cell. <i>Open Chemistry</i> , 2021, 19, 1116-1133.	1.9	8
20	The Influence of Plasmonic Au Nanoparticle Integration on the Optical Bandgap of Anatase TiO ₂ Nanoparticles. <i>International Journal of Technology</i> , 2019, 10, 808.	0.8	6
21	Modification of TiO ₂ Nanotube Arrays with N Doping and Ag Decorating for Enhanced Visible Light Photoelectrocatalytic Degradation of Methylene Blue. <i>International Journal on Advanced Science, Engineering and Information Technology</i> , 2018, 8, 234.	0.4	5
22	Electrochemical Preparation of Highly Oriented Microporous Structure Nickel Oxide Films as Promising Electrodes in Urea Oxidation. <i>Chemistry Letters</i> , 2022, 51, 135-138.	1.3	5
23	Photo-electro-catalytic performance of highly ordered nitrogen doped TiO ₂ nanotubes array photoanode. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 172, 012005.	0.6	4
24	Co-sensitized TiO ₂ Photoelectrodes by Multiple Semiconductors (Pbs/Pb _{0.05} Cd _{0.95} S/Cds)to Enhance the Performance of a Solar Cell. <i>Oriental Journal of Chemistry</i> , 2017, 33, 2271-2281.	0.3	4
25	Nickel-Cobalt Modified Boron-Doped Diamond as an Electrode for a Urea/H ₂ O Fuel Cell. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2922-2928.	3.2	4
26	Electrodeposition of gold nanoparticles on mesoporous TiO ₂ photoelectrode to enhance visible region photocurrent. <i>AIP Conference Proceedings</i> , 2016, . .	0.4	3
27	Effect of Anodizing Time and Annealing Temperature on Photoelectrochemical Properties of Anodized TiO ₂ Nanotube for Corrosion Prevention Application. <i>Indonesian Journal of Chemistry</i> , 2017, 17, 219.	0.8	3
28	Electrogenerated Chemiluminescence for Immunoassay Applications. <i>Indonesian Journal of Chemistry</i> , 2021, 21, 1599.	0.8	3
29	Core-shell copper-gold nanoparticles modified at the boron-doped diamond electrode for oxygen sensors. <i>Analytical Methods</i> , 2022, 14, 726-733.	2.7	3
30	Synthesis of TiO ₂ Nanotube Arrays by Sonication Aided Anodization and Its Application for Hydrogen Generation from Aqueous Glycerol Solution. <i>MATEC Web of Conferences</i> , 2015, 28, 01001.	0.2	2
31	On the Role of Plasmonic Nanoparticles on the Photocatalytic of TiO ₂ Nanoparticles for Visible-Light Photoreduction of Bicarbonate. <i>Journal of Physics: Conference Series</i> , 2019, 1310, 012004.	0.4	2
32	Influence of Operational Parameters on the Photocatalytic Activity of Powdered TiO ₂ for the Reduction of CO ₂ . <i>Indonesian Journal of Chemistry</i> , 2014, 14, 122-130.	0.8	2
33	Effect of annealing temperature on the characteristic of reduced highly ordered TiO ₂ nanotube arrays and their CO gas-sensing performance. <i>Processing and Application of Ceramics</i> , 2021, 15, 417-427.	0.8	2
34	DETERMINATION OF CHLORINATED PINENE ORIGINATED FROM PULP MILL. <i>Analytical Sciences</i> , 1991, 7, 1177-1180.	1.6	1
35	Copper-Zinc-Titania Nanocomposite as Catalyst for CO ₂ Photo-Reduction: A Surface Deactivation Study. <i>Advanced Materials Research</i> , 0, 896, 134-140.	0.3	1
36	Nickel Hydroxide Nanoparticles for Application in Immunochromatographic Strip Tests of Melamine. <i>Sensors and Materials</i> , 2021, 33, 1027.	0.5	1

#	ARTICLE	IF	CITATIONS
37	Formation of TiO ₂ Thin Film for Dye-Sensitized Solar Cell Application Using Electrophoresis Deposition. , 2010, , .		0
38	Photocatalytic Decomposition of Glycerol Solution on TiO ₂ Nanotube Arrays (TNTA) Doped with C and N to Produce Hydrogen. Materials Science Forum, 0, 890, 112-116.	0.3	0
39	FEASIBILITY STUDY ON THE DEVELOPMENT OF REFERENCE MATERIAL OF PESTICIDE IN BLACK TEA. Periodico Tche Quimica, 2017, 14, 146-154.	0.1	0