

Jarnuzi Gunlazuardi

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	Nickel Hydroxide Nanoparticles for Application in Immunochromatographic Strip Tests of Melamine. <i>Sensors and Materials</i> , 2021, 33, 1027.	0.5	1
4	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
5	Nickel-Cobalt Modified Boron-Doped Diamond as an Electrode for a Urea/H ₂ O ₂ Fuel Cell. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2922-2928.	3.2	4
6	Recent progress in direct urea fuel cell. <i>Open Chemistry</i> , 2021, 19, 1116-1133.	1.9	8
7	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
8	Electrogenerated Chemiluminescence for Immunoassay Applications. <i>Indonesian Journal of Chemistry</i> , 2021, 21, 1599.	0.8	3
9	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
10	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
11	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
12	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
13	Electrochemical oxidation of palmitic acid solution using boron-doped diamond electrodes. <i>Diamond and Related Materials</i> , 2019, 99, 107464.	3.9	16
14	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
15	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
16	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
17	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
18	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

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19	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. Oriental Journal of Chemistry, 2017, 33, 2271-2281.	0.3	4
20	Preparation and Characterization of Fe ₃ O ₄ /SiO ₂ /TiO ₂ Composite for Methylene Blue Removal in Water. International Journal of Technology, 2017, 8, 76.	0.8	16
21	FEASIBILITY STUDY ON THE DEVELOPMENT OF REFERENCE MATERIAL OF PESTICIDE IN BLACK TEA. Periodico Tche Quimica, 2017, 14, 146-154.	0.1	0
22	Effect of Anodizing Time and Annealing Temperature on Photoelectrochemical Properties of Anodized TiO ₂ /Nanotube for Corrosion Prevention Application. Indonesian Journal of Chemistry, 2017, 17, 219.	0.8	3
23	Electrodeposition of gold nanoparticles on mesoporous TiO ₂ photoelectrode to enhance visible region photocurrent. AIP Conference Proceedings, 2016, , .	0.4	3
24	Electrochemical Behavior of Zanamivir at Gold-Modified Boron-Doped Diamond Electrodes for an Application in Neuraminidase Sensing. Electrochemistry, 2015, 83, 357-362.	1.4	19
25	Synthesis of TiO ₂ Nanotube Arrays by Sonication Aided Anodization and Its Application for Hydrogen Generation from Aqueous Glycerol Solution. MATEC Web of Conferences, 2015, 28, 01001.	0.2	2
26	Development of titania nanotube arrays: The roles of water content and annealing atmosphere. Materials Chemistry and Physics, 2015, 160, 111-118.	4.0	14
27	Preparation and Characterization of Transparent Conductive SnO ₂ -F Thin Film Deposited by Spray Pyrolysis: Relationship between Loading Level and Some Physical Properties. Procedia Environmental Sciences, 2015, 28, 242-251.	1.4	34
28	Effect of NaBF ₄ addition on the anodic synthesis of TiO ₂ nanotube arrays photocatalyst for production of hydrogen from glycerolâ€“water solution. International Journal of Hydrogen Energy, 2014, 39, 16927-16935.	7.1	31
29	Influence of Operational Parameters on the Photocatalytic Activity of Powdered TiO ₂ for the Reduction of CO ₂ . Indonesian Journal of Chemistry, 2014, 14, 122-130.	0.8	2
30	Formation of TiO ₂ Thin Film for Dye-Sensitized Solar Cell Application Using Electrophoresis Deposition. , 2010, , .		0
31	Photocatalytic degradation of pentachlorophenol in aqueous solution employing immobilized TiO ₂ supported on titanium metal. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 173, 51-55.	3.9	37
32	Photocatalytic reduction of CO ₂ on copper-doped Titania catalysts prepared by improved-impregnation method. Catalysis Communications, 2005, 6, 313-319.	3.3	337
33	Title is missing!. Journal of Applied Electrochemistry, 2001, 31, 623-628.	2.9	55
34	Water disinfection using an immobilised titanium dioxide film in a photochemical reactor with electric field enhancement. Water Research, 1997, 31, 675-677.	11.3	106
35	DETERMINATION OF CHLORINATED PINENE ORIGINATED FROM PULP MILL. Analytical Sciences, 1991, 7, 1177-1180.	1.6	1
36	Preparation and Characterization of Fe ₃ O ₄ /TiO ₂ Composites by Heteroagglomeration. Advanced Materials Research, 0, 626, 131-137.	0.3	10

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Photocatalytic Decomposition of Glycerol Solution on TiO ₂ Nanotube Arrays (TNTA) Doped with C and N to Produce Hydrogen. <i>Materials Science Forum</i> , 0, 890, 112-116.	0.3	0