

Dessy Ariyanti

List of Publications by Year in descending order

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29
papers

407
citations

933447

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752698

20
g-index

29
all docs

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docs citations

29
times ranked

545
citing authors

#	ARTICLE	IF	CITATIONS
1	NaBH ₄ modified TiO ₂ : Defect site enhancement related to its photocatalytic activity. <i>Materials Chemistry and Physics</i> , 2017, 199, 571-576.	4.0	79
2	Potency of Solar Energy Applications in Indonesia. <i>International Journal of Renewable Energy Development</i> , 2012, 1, 33-38.	2.4	66
3	Optimization of Ethanol Production from Whey Through Fed-batch Fermentation Using <i>Kluyveromyces Marxianus</i> . <i>Energy Procedia</i> , 2014, 47, 108-112.	1.8	43
4	Enhancing photocatalytic activities of titanium dioxide via well-dispersed copper nanoparticles. <i>Chemosphere</i> , 2018, 204, 193-201.	8.2	30
5	Self-organized ZnO nanorods prepared by anodization of zinc in NaOH electrolyte. <i>RSC Advances</i> , 2016, 6, 72968-72974.	3.6	24
6	Photo-assisted degradation of dyes in a binary system using TiO ₂ under simulated solar radiation. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 539-548.	6.7	24
7	Ethanol Production from Whey by <i>Kluyveromyces marxianus</i> in Batch Fermentation System: Kinetics Parameters Estimation. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2013, 7, 179-184.	1.1	23
8	Microbial Fuel Cells for Simultaneous Electricity Generation and Organic Degradation from Slaughterhouse Wastewater. <i>International Journal of Renewable Energy Development</i> , 2016, 5, 107-112.	2.4	18
9	Batch and Fed-Batch Fermentation System on Ethanol Production from Whey using <i>Kluyveromyces marxianus</i> . <i>International Journal of Renewable Energy Development</i> , 2013, 2, 127-131.	2.4	15
10	TiO ₂ used as photocatalyst for rhodamine B degradation under solar radiation. <i>International Journal of Modern Physics B</i> , 2017, 31, 1744095.	2.0	14
11	Surface modification of TiO ₂ for visible light photocatalysis: Experimental and theoretical calculations of its electronic and optical properties. <i>International Journal of Modern Physics B</i> , 2020, 34, 2040067.	2.0	11
12	Comparison of alkali modified fly ash and alkali activated fly ash as Zn(II) ions adsorbent from aqueous solution. <i>Science of Sintering</i> , 2022, 54, 49-58.	1.4	8
13	Preparation and application of fly ash-based geopolymer for heavy metal removal. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	7
14	Enhancing Ethanol Production by Fermentation Using <i>Saccharomyces cerevisiae</i> under Vacuum Condition in Batch Operation. <i>International Journal of Renewable Energy Development</i> , 2012, 1, 6-9.	2.4	6
15	Formation of TiO ₂ based nanoribbons and the effect of post-annealing on its photocatalytic activity. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 348, 012002.	0.6	5
16	Hierarchical structures of coated TiO ₂ nanoribbons with photodegradation and sedimentation properties. <i>International Journal of Modern Physics B</i> , 2019, 33, 1940022.	2.0	5
17	Copper and Lead Ions Removal by Electrocoagulation: Process Performance and Implications for Energy Consumption. <i>International Journal of Renewable Energy Development</i> , 2021, 10, 415-424.	2.4	5
18	Visible Light Photocatalytic Properties of Modified Titanium Dioxide Nanoparticles via Aluminium Treatment. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2016, 11, 40.	1.1	5

#	ARTICLE	IF	CITATIONS
19	MODIFIKASI TEPUNG UMBI TALAS BOGOR (<i>COLOCASIA ESCULENTUM</i> (L) SCHOTT) DENGAN TEKNIK OKSIDASI SEBAGAI BAHAN PANGAN PENGGANTI TEPUNG TERIGU. <i>Reaktor</i> , 2014, 15, 1.	0.3	4
20	Performance of free standing TiO ₂ nanostructures (FSTNS) photocatalysis for batik industry wastewater treatment. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1053, 012057.	0.6	4
21	Graphene and graphene oxide: Raw materials, synthesis, and application. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	3
22	Patterned titania nanostructures produced by electrochemical anodization of titanium sheet. <i>International Journal of Modern Physics B</i> , 2017, 31, 1744049.	2.0	2
23	Enhanced adsorption property of TiO ₂ based nanoribbons produced by alkaline hydrothermal process. <i>Metana</i> , 2020, 16, 61-67.	0.0	2
24	Formation of copper hydroxyl sulfates in CuSO ₄ solution by NaOH titration. <i>International Journal of Modern Physics B</i> , 2019, 33, 1940059.	2.0	1
25	Synthesis of free standing TiO ₂ nanostructures (FSTNS) via hydrothermal process for organic photocatalytic degradation. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	1
26	TiO ₂ -PDMS Super Hydrophilic Coating with Self-Cleaning and Antimicrobial Properties. <i>Jurnal Kimia Sains Dan Aplikasi</i> , 2021, 24, 192-199.	0.4	1
27	Submerged Membrane Photo Reactor (SMPR) with Simultaneous Photo Degradation and TiO ₂ Catalyst Recovery for Efficient Dyes Removal. <i>ASEAN Journal of Chemical Engineering</i> , 2021, 21, 225.	0.5	1
28	Study on Organic Redox Flow Battery Mechanism using TEMPO and FMN-Na Solutions. <i>Reaktor</i> , 2019, 19, 96-100.	0.3	0
29	Effect UV irradiation and ozonation(O ₃) process for degradation of copper from electroplating wastewater. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0