Dessy Ariyanti

List of Publications by Year
in descending order

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29	407	933447	752698
papers	citations	10	20
		h-index	g-index

29	29	29	545
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of alkali modified fly ash and alkali activated fly ash as Zn(II) ions adsorbent from aqueous solution. Science of Sintering, 2022, 54, 49-58.	1.4	8
2	Performance of free standing TiO2 nanostructures (FSTNS) photocatalysis for batik industry wastewater treatment. IOP Conference Series: Materials Science and Engineering, 2021, 1053, 012057.	0.6	4
3	Copper and Lead Ions Removal by Electrocoagulation: Process Performance and Implications for Energy Consumption. International Journal of Renewable Energy Development, 2021, 10, 415-424.	2.4	5
4	TiO2-PDMS Super Hydrophilic Coating with Self-Cleaning and Antimicrobial Properties. Jurnal Kimia Sains Dan Aplikasi, 2021, 24, 192-199.	0.4	1
5	Submerged Membrane Photo Reactor (SMPR) with Simultaneous Photo Degradation and TiO2 Catalyst Recovery for Efficient Dyes Removal. ASEAN Journal of Chemical Engineering, 2021, 21, 225.	0.5	1
6	Graphene and graphene oxide: Raw materials, synthesis, and application. AIP Conference Proceedings, 2020, , .	0.4	3
7	Surface modification of TiO2 for visible light photocatalysis: Experimental and theoretical calculations of its electronic and optical properties. International Journal of Modern Physics B, 2020, 34, 2040067.	2.0	11
8	Effect UV irradiation and ozonation(O3) process for degradation of copper from electroplating wastewater. AIP Conference Proceedings, 2020, , .	0.4	0
9	Synthesis of free standing TiO2 nanostructures (FSTNS) via hydrothermal process for organic photocatalytic degradation. AIP Conference Proceedings, 2020, , .	0.4	1
10	Preparation and application of fly ash-based geopolymer for heavy metal removal. AIP Conference Proceedings, 2020, , .	0.4	7
11	Enhanced adsorption property of TiO2 based nanoribbons produced by alkaline hydrothermal process. Metana, 2020, 16, 61-67.	0.0	2
12	Formation of copper hydroxyl sulfates in CuSO4 solution by NaOH titration. International Journal of Modern Physics B, 2019, 33, 1940059.	2.0	1
13	Study on Organic Redox Flow Battery Mechanism using TEMPO and FMN-Na Solutions. Reaktor, 2019, 19, 96-100.	0.3	0
14	Hierarchical structures of coated TiO₂ nanoribbons with photodegradation and sedimentation properties. International Journal of Modern Physics B, 2019, 33, 1940022.	2.0	5
15	Enhancing photocatalytic activities of titanium dioxide via well-dispersed copper nanoparticles. Chemosphere, 2018, 204, 193-201.	8.2	30
16	Photo-assisted degradation of dyes in a binary system using TiO2 under simulated solar radiation. Journal of Environmental Chemical Engineering, 2018, 6, 539-548.	6.7	24
17	Formation of TiO2 based nanoribbons and the effect of post-annealing on its photocatalytic activity. IOP Conference Series: Materials Science and Engineering, 2018, 348, 012002.	0.6	5
18	TiO₂ used as photocatalyst for rhodamine B degradation under solar radiation. International Journal of Modern Physics B, 2017, 31, 1744095.	2.0	14

#	Article	IF	Citations
19	Patterned titania nanostructures produced by electrochemical anodization of titanium sheet. International Journal of Modern Physics B, 2017, 31, 1744049.	2.0	2
20	NaBH4 modified TiO2: Defect site enhancement related to its photocatalytic activity. Materials Chemistry and Physics, 2017, 199, 571-576.	4.0	79
21	Microbial Fuel Cells for Simultaneous Electricity Generation and Organic Degradation from Slaughterhouse Wastewater. International Journal of Renewable Energy Development, 2016, 5, 107-112.	2.4	18
22	Self-organized ZnO nanorods prepared by anodization of zinc in NaOH electrolyte. RSC Advances, 2016, 6, 72968-72974.	3.6	24
23	Visible Light Photocatalytic Properties of Modified Titanium Dioxide Nanoparticles via Aluminium Treatment. Bulletin of Chemical Reaction Engineering and Catalysis, 2016, 11, 40.	1.1	5
24	MODIFIKASI TEPUNG UMBI TALAS BOGOR (COLOCASIA ESCULENTUM (L) SCHOTT) DENGAN TEKNIK OKSIDASI SEBAGAI BAHAN PANGAN PENGGANTI TEPUNG TERIGU. Reaktor, 2014, 15, 1.	0.3	4
25	Optimization of Ethanol Production from Whey Through Fed-batch Fermentation Using Kluyveromyces Marxianus. Energy Procedia, 2014, 47, 108-112.	1.8	43
26	Ethanol Production from Whey by Kluyveromyces marxianus in Batch Fermentation System: Kinetics Parameters Estimation. Bulletin of Chemical Reaction Engineering and Catalysis, 2013, 7, 179-184.	1.1	23
27	Batch and Fed-Batch Fermentation System on Ethanol Production from Whey using Kluyveromyces marxianus. International Journal of Renewable Energy Development, 2013, 2, 127-131.	2.4	15
28	Enhancing Ethanol Production by Fermentation Using Saccharomyces cereviseae under Vacuum Condition in Batch Operation. International Journal of Renewable Energy Development, 2012, 1, 6-9.	2.4	6
29	Potency of Solar Energy Applications in Indonesia. International Journal of Renewable Energy Development, 2012, 1, 33-38.	2.4	66