

Muhammad Said

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	High Efficient Photocatalytic Degradation of Methyl Orange Dye in an Aqueous Solution by CoFe ₂ O ₄ -SiO ₂ -TiO ₂ Magnetic Catalyst. Journal of Ecological Engineering, 2022, 23, 118-128.		6
2	SnO ₂ -Fe ₃ O ₄ nanocomposites for the photodegradation of the Congo red dye. Heliyon, 2022, 8, e09204.	3.2	12
3	Removal of Remazol Yellow Using SnO ₂ -Co Photocatalyst. Pertanika Journal of Science and Technology, 2022, 30, 1949-1962.	0.6	0
4	Hydrocracking optimization of palm oil to bio-gasoline and bio-aviation fuels using molybdenum nitride-bentonite catalyst. RSC Advances, 2022, 12, 16431-16443.	3.6	13
5	Hydroxyapatite-PEG/Fe ₃ O ₄ Composite for Adsorption of Phenol from Aqueous Solution. Polish Journal of Environmental Studies, 2021, 30, 1621-1629.	1.2	3
6	Preparation of NiFe ₂ O ₄ Nanoparticles by Solution Combustion Method as Photocatalyst of Congo red. Bulletin of Chemical Reaction Engineering and Catalysis, 2021, 16, 481-490.	1.1	19
7	Modification Bentonite Using Fe(III) and Its Application as Adsorbent for Phenol. Mediterranean Journal of Chemistry, 2020, 9, 422-431.	0.7	0
8	Cr/Al Pillared Bentonite and Its Application on Congo Red and Direct Blue Removal. Molekul, 2020, 15, 140.	0.3	2
9	A New Prototype Design and Experimental Study for Assessing Spontaneous Coal Combustion. Journal of Ecological Engineering, 2019, 20, 9-17.	1.1	2
10	Removal of Iron(II) Using Intercalated Ca/Al Layered Double Hydroxides with [SiW ₁₂ O ₄₀] ⁴⁻ . Bulletin of Chemical Reaction Engineering and Catalysis, 2019, 14, 260.	1.1	17
11	Insertion of bentonite with Organometallic [Fe ₃ O(OOC ₆ H ₅) ₆ (H ₂ O) ₃ (NO ₃).nH ₂ O] as Adsorbent of Congo Red. IOP Conference Series: Materials Science and Engineering, 2018, 299, 012086.	0.6	3
12	Metal Oxide Supported Vanadium Substituted Keggin Type Polyoxometalates as Catalyst For Oxidation of Dibenzothiophene. IOP Conference Series: Materials Science and Engineering, 2018, 299, 012084.	0.6	3
13	Optimisation of Phenol Removal from Palm Oil Mill Effluent (POME) Using Natural Bentonite. E3S Web of Conferences, 2018, 68, 03014.	0.5	1
14	Removal of Congo red and Rhodamine B dyes from aqueous solution by raw Sarolangun bentonite: Kinetics, equilibrium and thermodynamic studies. AIP Conference Proceedings, 2018, , .	0.4	2
15	Artificial Neural Network (ANN) for Optimization of Palm Oil Mill Effluent (POME) Treatment using Reverse Osmosis Membrane. Journal of Physics: Conference Series, 2018, 1095, 012021.	0.4	3
16	Synthesis of Ni/Al layered double hydroxides (LDHs) for adsorption of malachite green and direct yellow dyes from solutions: Kinetic and thermodynamic. AIP Conference Proceedings, 2018, , .	0.4	9
17	Desulfurization of 4-methyl dibenzothiophene using titanium supported Keggin type polyoxometalate. AIP Conference Proceedings, 2017, , .	0.4	1
18	Photocatalytic Degradation of Pentachlorophenol Using ZnO Nanoparticles: Study of Intermediates and Toxicity. International Journal of Environmental Research, 2017, 11, 461-473.	2.3	12

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19	Application of Response Surface Method in Reverse Osmosis Membrane to Optimize BOD, COD and Colour Removal from Palm Oil Mill Effluent. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 1871.	0.4	6
20	Adsorption of congo red using Mg/Al hydrotalcite. Science and Technology Indonesia, 2017, 1, 17-21.	0.8	6
21	Bentonite intercalated organometallic complex as adsorbent of procion red. Science and Technology Indonesia, 2017, 1, 9-16.	0.8	2
22	Removal of COD, TSS and colour from palm oil mill effluent (POME) using montmorillonite. Desalination and Water Treatment, 2016, 57, 10490-10497.	1.0	22
23	Keggin type polyoxometalate $H_4[SiW_{12}O_{40}] \cdot nH_2O$ as intercalant for hydrotalcite. Science and Technology Indonesia, 2016, 1, 25-28.	0.8	6
24	Blocking mechanism of PES membrane during ultrafiltration of POME. Journal of Industrial and Engineering Chemistry, 2015, 21, 182-188.	5.8	50
25	Investigation of Three Pre-treatment Methods Prior to Nanofiltration Membrane for Palm Oil Mill Effluent Treatment. Sains Malaysiana, 2015, 44, 421-427.	0.5	14
26	Chemical cleaning of fouled polyethersulphone membranes during ultrafiltration of palm oil mill effluent. Membrane Water Treatment, 2014, 5, 207-219.	0.5	10
27	Effect of sintering on the mechanical properties of hydroxyapatite from fish bone (<i>Pangasius) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	10