

# Djoko Hartanto

## List of Publications by Year in descending order

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42  
papers

394  
citations

840776

11  
h-index

794594

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43  
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43  
docs citations

43  
times ranked

428  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unveiling the charge transfer behavior within ZSM-5 and carbon nitride composites for enhanced photocatalytic degradation of methylene blue. RSC Advances, 2022, 12, 5665-5676.	3.6	13
2	Optimization of the use of mother liquor in the synthesis of HKUST-1 and their performance for removal of chromium (VI) in aqueous solutions. Journal of Water Process Engineering, 2021, 39, 101670.	5.6	18
3	The effect of water glass source variation on the mechanical properties of fly ash-based geopolymer. AIP Conference Proceedings, 2021, , .	0.4	0
4	Fabrication and characterization of modified microcrystalline cellulose membrane as proton exchange membrane for direct methanol fuel cell. Materials Today: Proceedings, 2021, 46, 1855-1859.	1.8	7
5	Intramolecular hydrogen bond and vibrational spectroscopic study of cellulose oligosaccharide using density functional theory. AIP Conference Proceedings, 2021, , .	0.4	1
6	Insight into the bioabsorption of Fe <sup>2+</sup> -based materials and their current developments in bone applications. Biotechnology Journal, 2021, 16, e2100255.	3.5	13
7	Enhanced Removal of Soluble and Insoluble Dyes over Hierarchical Zeolites: Effect of Synthesis Condition. Inorganics, 2020, 8, 52.	2.7	10
8	Utilization of modified ZSM-5 as filler for polyethersulfone (PES) membrane. AIP Conference Proceedings, 2020, , .	0.4	0
9	Effect of addition octadecyltrimethoxysilane (OTMS) on morphology ZSM-5-TiO <sub>2</sub> composite. AIP Conference Proceedings, 2020, , .	0.4	0
10	Equidistant crystal distortion arrangement of copper doped magnetite for paracetamol degradation and optimization with response surface methodology (RSM). Materials Chemistry and Physics, 2020, 250, 122995.	4.0	11
11	On The Synthesis of ZSM-5 Directly from Kaolin Bangka with Aging Time. IOP Conference Series: Materials Science and Engineering, 2019, 588, 012039.	0.6	1
12	Preparation and Morphological Property of Co <sub>3</sub> O <sub>4</sub> /Ba <sub>x</sub> Sr <sub>1-x</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3-<math>\delta</math></sub> ( $x=0.5-0.7$ ) Membranes using Starch as Binder Agent. IOP Conference Series: Materials Science and Engineering, 2019, 588, 012040.	0.6	1
13	One-pot non-template synthesis of hierarchical ZSM-5 from kaolin source. Solid State Sciences, 2019, 87, 150-154.	3.2	30
14	Adsorption Study of Rhodamine B and Methylene Blue Dyes with ZSM-5 Directly Synthesized from Bangka Kaolin without Organic Template. Indonesian Journal of Chemistry, 2019, 20, 130.	0.8	8
15	THE EFFECT OF ALKALINE TREATMENT ON THE PROPERTIES OF HIERARCHICAL ZSM-5 PREPARED BY POST-SYNTHESIS DESILICATION. Rasayan Journal of Chemistry, 2019, 12, 939-946.	0.4	2
16	Multi period pricing for managing local fruit supply chain. MATEC Web of Conferences, 2018, 154, 01049.	0.2	1
17	Directing the amount of CNTs in CuO@CNT catalysts for enhanced adsorption-oriented visible-light-responsive photodegradation of p-chloroaniline. Powder Technology, 2018, 327, 170-178.	4.2	68
18	Morphological control of La <sub>0.7</sub> Sr <sub>0.3</sub> Co <sub>0.2</sub> Fe <sub>0.8</sub> O <sub>3-<math>\delta</math></sub> and La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3-<math>\delta</math></sub> catalytic membrane using PEG-H <sub>2</sub> O additive. IOP Conference Series: Materials Science and Engineering, 2018, 348, 012008.	0.6	1

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19	Effect of aging temperature on the synthesis of hierarchical ZSM-5 from bauxite residue. AIP Conference Proceedings, 2018, , .	0.4	0
20	Effect of calcination temperature in the synthesis of carbon doped TiO <sub>2</sub> without external carbon source. AIP Conference Proceedings, 2018, , .	0.4	11
21	Preparation and characterization of dual-layer hollow fibre catalyst membrane for oxygen transport. AIP Conference Proceedings, 2018, , .	0.4	1
22	The effect of 2-propanol on the shifting band gap of ZSM-5-TiO <sub>2</sub> composite prepared via sol-gel method. AIP Conference Proceedings, 2018, , .	0.4	1
23	Model of delivery consolidation of critical spare part : case study of an oil and gas company. IOP Conference Series: Materials Science and Engineering, 2018, 337, 012021.	0.6	1
24	Textile Dyes Removal by ZSM-5 from Bangka Kaolin. Journal of Physics: Conference Series, 2018, 1095, 012011.	0.4	4
25	Structure, degradation, drug release and mechanical properties relationships of iron-based drug eluting scaffolds: The effects of PLGA. Materials and Design, 2018, 160, 203-217.	7.0	23
26	Synthesis and Catalytic Activity of Magnesium Hydroxide Fluorides for Production of Biodiesel: Influence of Different Mg/F Ratios. Asian Journal of Chemistry, 2018, 30, 1190-1194.	0.3	1
27	Transesterification of croton megalocarpus oil to biodiesel over WO <sub>3</sub> supported on silica mesoporous-macroparticles catalyst. Chemical Engineering Journal, 2017, 316, 882-892.	12.7	29
28	Effect of H <sub>2</sub> O/SiO <sub>2</sub> Molar Ratio on Direct Synthesis of ZSM-5 from Bangka™s Kaolin Without Pretreatment. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, 817-820.	0.8	8
29	Adsorption study of Congo Red Dye with ZSM-5 directly synthesized from bangka kaolin without organic template. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, 832-839.	0.8	7
30	Pengaruh Perbandingan Pelarut Etanol dan Dimetilformamida pada Sintesis Metal Organik Framework HKUST-1. Akta Kimia Indonesia, 2017, 1, 25.	0.3	3
31	PENATAAN PKL BEBAS BORAKS DAN FORMALIN MENUJU PRODUK UNGGULAN SEHAT DAN HIGIENIS. Qardhul Hasan: Media Pengabdian Kepada Masyarakat, 2017, 3, 86.	0.1	0
32	THE USE OF THE COMBINATION OF FTIR, PYRIDINE ADSORPTION, 27Al AND 29Si MAS NMR TO DETERMINE THE BRÄ-NSTED AND LEWIS ACIDIC SITES. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	9
33	Synthesis of ZSM-5 Directly from Kaolin without Organic Template: Part-1: Effect of Crystallization Time. Asian Journal of Chemistry, 2016, 28, 211-215.	0.3	14
34	Feeder bus routing problem using a genetic algorithm: Surotram case study. , 2016, , .		2
35	New method to synthesize mesoporous titania by photodegradation of surfactant template. Solid State Sciences, 2016, 52, 83-91.	3.2	12
36	Mesostructured TUD-C supported molybdena doped titania as high selective oxidative catalyst for olefins epoxidation at ambient condition. Microporous and Mesoporous Materials, 2016, 225, 411-420.	4.4	16

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37	Can kaolin function as source of alumina in the synthesis of ZSM-5 without an organic template using a seeding technique?. Malaysian Journal of Fundamental and Applied Sciences, 2016, 12, .	0.8	2
38	Willingness to Pay for Surabaya Mass Rapid Transit (SMART) Options. Procedia Manufacturing, 2015, 4, 373-382.	1.9	6
39	Synthesis of CaOZnO Nanoparticles Catalyst and Its Application in Transesterification of Refined Palm Oil. Bulletin of Chemical Reaction Engineering and Catalysis, 2014, 9, .	1.1	12
40	Phase Transformation of Rice Husk Ash in the Synthesis of ZSM-5 without Organic Template. ITB Journal of Science, 2012, 44, 250-262.	0.1	10
41	CHARACTERIZATION AND COBALT DISTRIBUTION STUDY OF CERAMIC BODY SYSTEM : BOJONEGORO CLAYâ€™ FELDSPAR â€™ QUARTZ. Indonesian Journal of Chemistry, 2006, 6, 138-143.	0.8	1
42	The characterization of mixed titanate $Ba_{1-x}Sr_xTiO_3$ phase formation from oxalate coprecipitated precursor. Journal of the European Ceramic Society, 2000, 20, 309-314.	5.7	35