

# Ozi Adi Saputra

## List of Publications by Year in descending order

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28  
papers

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docs citations

28  
times ranked

337  
citing authors

#	ARTICLE	IF	CITATIONS
1	High storage capacity of curcumin loaded onto hollow mesoporous silica nanoparticles prepared via improved hard-templating method optimized by Taguchi DoE. Engineering Science and Technology, an International Journal, 2022, 33, 101070.	2.0	4
2	Antioxidant activity and controlled-release feature of Quercetin loaded amines-functionalized magnetically porous cellulose. Journal of Applied Polymer Science, 2022, 139, .	1.3	2
3	Slow-Release of Curcumin Induced by Core-Shell Mesoporous Silica Nanoparticles (MSNs) Modified MIL-100(Fe) Composite. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 1744-1754.	1.9	8
4	Cellulose derived from oil palm empty fruit bunches as filler on polyvinylidene fluoride based membrane for water containing humic acid treatment. Groundwater for Sustainable Development, 2022, 17, 100744.	2.3	12
5	Loading Optimization of Mesoporous Silica Nanoparticle as Drug Delivery Agent. Journal of Physics: Conference Series, 2021, 1912, 012045.	0.3	1
6	Improvement of anionic and cationic dyes removal in aqueous solution by Indonesian agro-waste oil palm empty fruit bunches through silylation approach. Groundwater for Sustainable Development, 2021, 13, 100570.	2.3	12
7	1D, 2D, and 3D Coordination Polymers based on 2,3-Pyrazinedithiolate and d 10 Metal Ions (Ag + , Zn 2+ ). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1721-1728.	0.6	2
8	Pengaruh Bentonit terhadap Pembentukan Fasa Polimorf dan Sifat Termal Membran Hibrida Poliviniliden Fluorida/Bentonit. ALCHEMY Jurnal Penelitian Kimia, 2021, 17, 177.	0.1	0
9	Î2-Amino alcohol-based organosilane tailored magnetite embedded mesoporous silica nanoparticles exhibit controlled-release of curcumin triggered by pH. Materials Letters, 2021, 305, 130804.	1.3	5
10	Synthesis, characterization and biodiesel conversion of monodispersed sulfonated-silica nanoparticles. IOP Conference Series: Materials Science and Engineering, 2020, 858, 012017.	0.3	0
11	Highly monodisperse and colloidal stable of L-serine capped magnetite nanoparticles synthesized via sonochemistry assisted co-precipitation method. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2020, 11, 025012.	0.7	7
12	pH-Triggered Drug Release Controlled by Poly(Styrene Sulfonate) Growth Hollow Mesoporous Silica Nanoparticles. ACS Omega, 2020, 5, 4261-4269.	1.6	43
13	Trends in polymers functionalized nanostructures for analysis of environmental pollutants. Trends in Environmental Analytical Chemistry, 2020, 26, e00084.	5.3	44
14	Silylated-montmorillonite as co-adsorbent of chitosan composites for methylene blue dye removal in aqueous solution. Communications in Science and Technology, 2020, 5, 45-52.	0.4	5
15	Antioxidant activity and compound constituents of gamma-irradiated black rice (Oryza sativa L.) var. Cempo Ireng indigenous of Indonesia. Biodiversitas, 2020, 21, .	0.2	2
16	Nanoparticles as components of electrochemical sensing platforms for the detection of petroleum pollutants: A review. TrAC - Trends in Analytical Chemistry, 2019, 118, 194-206.	5.8	49
17	One Pot and Sonically Assisted Synthesis of Fe <sub>3</sub> O <sub>4</sub> and SiO <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> . IOP Conference Series: Materials Science and Engineering, 2019, 578, 012032.	0.3	5
18	Silylation and characterization of microcrystalline cellulose isolated from Indonesian native oil palm empty fruit bunch. Carbohydrate Polymers, 2018, 184, 74-81.	5.1	39

#	ARTICLE	IF	CITATIONS
19	Proximate Nutritional Evaluation of Gamma Irradiated Black Rice (<i>Oryza sativa L. cv. Cempo) Tj ETQq1 1 0.784314,rgBT /Oyverlock 10	0.3	3
20	Effect of silanized-chitosan on flammability, mechanical, water absorption and biodegradability properties of pseudo-stem banana fiber and montmorillonite filled waste polypropylene biocomposite. IOP Conference Series: Materials Science and Engineering, 2017, 172, 012063.	0.3	2
21	Preparation and Mechanical Properties of Chitosan-graft Maleic Anhydride Reinforced with Montmorillonite. IOP Conference Series: Materials Science and Engineering, 2017, 176, 012001.	0.3	1
22	Preparation, Characterization and Methylene Blue Dye Adsorption Ability of Acid Activated-Natural Zeolite. IOP Conference Series: Materials Science and Engineering, 2017, 172, 012039.	0.3	4
23	Improvement of Thermo-Mechanical Properties of Short Natural Fiber Reinforced Recycled Polypropylene Composites through Double Step Grafting Process. IOP Conference Series: Earth and Environmental Science, 2017, 75, 012023.	0.2	1
24	Preparation of Silanized-Chitosan via Solution-Casting Method: Study on the Mechanical, Water Adsorption and Swelling Area Properties. IOP Conference Series: Materials Science and Engineering, 2017, 176, 012053.	0.3	0
25	Physico-mechanical properties of silanized-montmorillonite reinforced chitosan-co-poly(maleic) Tj ETQq1 1 0.784314,rgBT /Oyverlock 10	0.3	0
26	Adsorption of Remazol Brilliant Blue R Using Amino-Functionalized Organosilane in Aqueous Solution. Indonesian Journal of Chemistry, 2017, 17, 343.	0.3	10
27	Synthesis and characterization of free-isocyanate polyurethane as renewable coating materials. IOP Conference Series: Materials Science and Engineering, 2016, 107, 012048.	0.3	1
28	Effect of Fiber Size on Mechanical and Water Absorption Properties of Recycled Polypropylene/Empty Fruit Bunches (rPP/EFB) Bio-Composites. Applied Mechanics and Materials, 2016, 842, 7-13.	0.2	3