

# Ozi Adi Saputra

## List of Publications by Year in descending order

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28  
papers

265  
citations

1306789

7  
h-index

940134

16  
g-index

28  
all docs

28  
docs citations

28  
times ranked

337  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticles as components of electrochemical sensing platforms for the detection of petroleum pollutants: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 194-206.	5.8	49
2	Trends in polymers functionalized nanostructures for analysis of environmental pollutants. <i>Trends in Environmental Analytical Chemistry</i> , 2020, 26, e00084.	5.3	44
3	pH-Triggered Drug Release Controlled by Poly(Styrene Sulfonate) Growth Hollow Mesoporous Silica Nanoparticles. <i>ACS Omega</i> , 2020, 5, 4261-4269.	1.6	43
4	Silylation and characterization of microcrystalline cellulose isolated from Indonesian native oil palm empty fruit bunch. <i>Carbohydrate Polymers</i> , 2018, 184, 74-81.	5.1	39
5	Improvement of anionic and cationic dyes removal in aqueous solution by Indonesian agro-waste oil palm empty fruit bunches through silylation approach. <i>Groundwater for Sustainable Development</i> , 2021, 13, 100570.	2.3	12
6	Cellulose derived from oil palm empty fruit bunches as filler on polyvinylidene fluoride based membrane for water containing humic acid treatment. <i>Groundwater for Sustainable Development</i> , 2022, 17, 100744.	2.3	12
7	Adsorption of Remazol Brilliant Blue R Using Amino-Functionalized Organosilane in Aqueous Solution. <i>Indonesian Journal of Chemistry</i> , 2017, 17, 343.	0.3	10
8	Slow-Release of Curcumin Induced by Core-Shell Mesoporous Silica Nanoparticles (MSNs) Modified MIL-100(Fe) Composite. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 1744-1754.	1.9	8
9	Highly monodisperse and colloidal stable of L-serine capped magnetite nanoparticles synthesized via sonochemistry assisted co-precipitation method. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2020, 11, 025012.	0.7	7
10	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> . <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 578, 012032.	0.3	5
11	β-Amino alcohol-based organosilane tailored magnetite embedded mesoporous silica nanoparticles exhibit controlled-release of curcumin triggered by pH. <i>Materials Letters</i> , 2021, 305, 130804.	1.3	5
12	Silylated-montmorillonite as co-adsorbent of chitosan composites for methylene blue dye removal in aqueous solution. <i>Communications in Science and Technology</i> , 2020, 5, 45-52.	0.4	5
13	Preparation, Characterization and Methylene Blue Dye Adsorption Ability of Acid Activated-Natural Zeolite. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 172, 012039.	0.3	4
14	High storage capacity of curcumin loaded onto hollow mesoporous silica nanoparticles prepared via improved hard-templating method optimized by Taguchi DoE. <i>Engineering Science and Technology, an International Journal</i> , 2022, 33, 101070.	2.0	4
15	Effect of Fiber Size on Mechanical and Water Absorption Properties of Recycled Polypropylene/Empty Fruit Bunches (rPP/EFB) Bio-Composites. <i>Applied Mechanics and Materials</i> , 2016, 842, 7-13.	0.2	3
16	Proximate Nutritional Evaluation of Gamma Irradiated Black Rice ( <i>Oryza sativa</i> L. cv. Cempo) Tj ETQq0 0 0 rgBT /Overlock 3 Tf 50 14	0.3	3
17	Effect of silanized-chitosan on flammability, mechanical, water absorption and biodegradability properties of pseudo-stem banana fiber and montmorillonite filled waste polypropylene biocomposite. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 172, 012063.	0.3	2
18	1D, 2D, and 3D Coordination Polymers based on 2,3â€Pyrazinedithiolate and d 10 Metal Ions (Ag <sup>+</sup> , Zn <sup>2+</sup> ). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 1721-1728.	0.6	2

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19	Antioxidant activity and controlled-release feature of Quercetin loaded amines-functionalized magnetically porous cellulose. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	2
20	Antioxidant activity and compound constituents of gamma-irradiated black rice ( <i>Oryza sativa</i> L.) var. Cempo Ireng indigenous of Indonesia. <i>Biodiversitas</i> , 2020, 21, .	0.2	2
21	Synthesis and characterization of free-isocyanate polyurethane as renewable coating materials. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 107, 012048.	0.3	1
22	Preparation and Mechanical Properties of Chitosan-graft Maleic Anhydride Reinforced with Montmorillonite. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 176, 012001.	0.3	1
23	Improvement of Thermo-Mechanical Properties of Short Natural Fiber Reinforced Recycled Polypropylene Composites through Double Step Grafting Process. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 75, 012023.	0.2	1
24	Loading Optimization of Mesoporous Silica Nanoparticle as Drug Delivery Agent. <i>Journal of Physics: Conference Series</i> , 2021, 1912, 012045.	0.3	1
25	Preparation of Silanized-Chitosan via Solution-Casting Method: Study on the Mechanical, Water Adsorption and Swelling Area Properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 176, 012053.	0.3	0
26	Physico-mechanical properties of silanized-montmorillonite reinforced chitosan-co-poly(maleic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	0.3	0
27	Synthesis, characterization and biodiesel conversion of monodispersed sulfonated-silica nanoparticles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 858, 012017.	0.3	0
28	Pengaruh Bentonit terhadap Pembentukan Fasa Polimorf dan Sifat Termal Membran Hibrida Poliviniliden Fluorida/Bentonit. <i>ALCHEMY Jurnal Penelitian Kimia</i> , 2021, 17, 177.	0.1	0