

Eko Adi Prasetyanto

List of Publications by Year in descending order

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58
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1,744
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304602

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41
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all docs

67
docs citations

67
times ranked

3279
citing authors

#	ARTICLE	IF	CITATIONS
1	Breakable mesoporous silica nanoparticles for targeted drug delivery. <i>Nanoscale</i> , 2016, 8, 7240-7247.	2.8	189
2	Breakable Hybrid Organosilica Nanocapsules for Protein Delivery. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3323-3327.	7.2	126
3	Combined Delivery of Temozolomide and Anti-miR221 PNA Using Mesoporous Silica Nanoparticles Induces Apoptosis in Resistant Glioma Cells. <i>Small</i> , 2015, 11, 5687-5695.	5.2	121
4	Mechano- and Photochromism from Bulk to Nanoscale: Data Storage on Individual Self-Assembled Ribbons. <i>Advanced Functional Materials</i> , 2016, 26, 5271-5278.	7.8	109
5	Light-enhanced liquid-phase exfoliation and current photoswitching in graphene-azobenzene composites. <i>Nature Communications</i> , 2016, 7, 11090.	5.8	97
6	Synthesis of short-channeled amino-functionalized SBA-15 and its beneficial applications in base-catalyzed reactions. <i>Applied Catalysis A: General</i> , 2008, 350, 244-251.	2.2	84
7	Periodic Mesoporous Organosilica-Based Nanocomposite Hydrogels as Three-Dimensional Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1156-1160.	7.2	70
8	Melamine tri-silsesquioxane bridged periodic mesoporous organosilica as an efficient metal-free catalyst for CO ₂ activation. <i>Catalysis Today</i> , 2010, 158, 252-257.	2.2	54
9	Epoxidation of cyclic-olefins over carbon template mesoporous TS-1. <i>Microporous and Mesoporous Materials</i> , 2011, 141, 2-7.	2.2	51
10	Chiral enhancement in diethyl malonate addition by morphosynthesized l-proline mesoporous silica. <i>Chemical Communications</i> , 2008, , 1995.	2.2	49
11	Nanocomposite Hydrogels as Platform for Cells Growth, Proliferation, and Chemotaxis. <i>Small</i> , 2016, 12, 4881-4893.	5.2	47
12	Proton-driven coordination-induced spin state switch (PD-CISSS) of iron complexes. <i>Chemical Communications</i> , 2017, 53, 971-974.	2.2	46
13	Catalytic dehydration of methanol over synthetic zeolite W. <i>Microporous and Mesoporous Materials</i> , 2010, 128, 108-114.	2.2	43
14	Amino grafted MCM-41 as highly efficient and reversible ecofriendly adsorbent material for the Direct Blue removal from wastewater. <i>Journal of Molecular Liquids</i> , 2019, 273, 435-446.	2.3	41
15	Optical Tweezers Assembly Line for the Construction of Complex Functional Zeolite L Structures. <i>Advanced Materials</i> , 2012, 24, 5199-5204.	11.1	32
16	Self-assembled monolayers of bifunctional periodic mesoporous organosilicas for cell adhesion and cellular patterning. <i>Soft Matter</i> , 2012, 8, 10845.	1.2	28
17	Immobilization of Co(III) using tethered cyclam ligand on SBA-15 mesoporous silica for aerial oxidation of ethylbenzene. <i>Catalysis Today</i> , 2009, 141, 374-377.	2.2	27
18	Chiral Cu(II) Complexes as Recyclable Catalysts for Asymmetric Nitroaldol (Henry) Reaction in Ionic Liquids as Greener Reaction Media. <i>Catalysis Letters</i> , 2010, 140, 189-196.	1.4	27

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19	Direct immobilization of ImCl ionic liquid onto the platelet type SBA-15. Microporous and Mesoporous Materials, 2011, 141, 16-19.	2.2	26
20	Modular Graphene-Based 3D Covalent Networks: Functional Architectures for Energy Applications. Small, 2016, 12, 1044-1052.	5.2	25
21	Polyamidoamine-Based Hydrogel for Removal of Blue and Red Dyes from Wastewater. Advanced Sustainable Systems, 2018, 2, 1700146.	2.7	25
22	Liquid-phase reaction of 2-hydroxyacetophenone and benzaldehyde over SO ₃ H-SBA-15 catalysts: Influence of microwave and thermal effects. Microporous and Mesoporous Materials, 2008, 112, 97-107.	2.2	24
23	Organocatalytic Application of Direct Organo-Functionalized Mesoporous Catalysts Prepared by Microwave. Topics in Catalysis, 2009, 52, 91-100.	1.3	22
24	Luminescence of Amphiphilic Pt II Complexes Controlled by Confinement. Chemistry - A European Journal, 2018, 24, 12054-12060.	1.7	22
25	Microwave synthesis of large pored chloropropyl functionalized mesoporous silica with p6mm, Ia-3d, and Im3m structures. Microporous and Mesoporous Materials, 2009, 118, 134-142.	2.2	21
26	Highly degradable imine-doped mesoporous silica particles. Materials Chemistry Frontiers, 2019, 3, 111-119.	3.2	21
27	Surfactant-Controlled and Microwave-Assisted Synthesis of Highly Active Ce x Zr1-x O ₂ Nano-Oxides for CO Oxidation. Catalysis Letters, 2008, 126, 125-133.	1.4	20
28	Highly Dispersed CuO Nanoparticles on SBA-16 Type Mesoporous Silica with Cyclam SBA-16 as a Precursor. Bulletin of the Korean Chemical Society, 2007, 28, 2359-2362.	1.0	20
29	Surface functionalization of zeolite-based drug delivery systems enhances their antitumoral activity in vivo. Materials Science and Engineering C, 2021, 120, 111721.	3.8	19
30	Towards Eumelanin@Zeolite Hybrids: Pore-Size-Controlled 5,6-Dihydroxyindole Polymerization. Chemistry - A European Journal, 2014, 20, 1597-1601.	1.7	18
31	Asymmetric Catalysis in Confined Space Provided by l-Proline Functionalized Mesoporous Silica with Plugs in the Pore. Topics in Catalysis, 2010, 53, 192-199.	1.3	17
32	Asymmetric Epoxidation of α,β -Unsaturated Ketones over Heterogenized Chiral Proline Diamide Complex Catalyst in the Solvent-Free Condition. Topics in Catalysis, 2010, 53, 1381-1386.	1.3	17
33	Breakable Hybrid Organosilica Nanocapsules for Protein Delivery. Angewandte Chemie, 2016, 128, 3384-3388.	1.6	16
34	Selective Encapsulation and Enhancement of the Emission Properties of a Luminescent Cu(I) Complex in Mesoporous Silica. Helvetica Chimica Acta, 2018, 101, e1700273.	1.0	16
35	Fast Targeting and Cancer Cell Uptake of Luminescent Antibody-Nanozeolite Bioconjugates. Small, 2016, 12, 5431-5441.	5.2	15
36	Enhanced Activity of TiO ₂ /Natural Zeolite Composite for Degradation of Methyl Orange under Visible Light Irradiation. International Journal of Technology, 2018, 9, 1159.	0.4	14

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37	Reactive Microcontact Printing of DNA Probes on (DMA-NAS-MAPS) Copolymer-Coated Substrates for Efficient Hybridization Platforms. <i>Langmuir</i> , 2016, 32, 3308-3313.	1.6	13
38	Chiral enhancement in the confined space of zeolites for the asymmetric synthesis of β^2 -hydroxy nitroalkanes. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 117-123.	1.8	12
39	Catalytic Oxidation of Cyclohexene with Hydrogen Peroxide over Cu(II)-Cyclam-SBA-16 Catalyst. <i>Bulletin of the Korean Chemical Society</i> , 2008, 29, 1033-1037.	1.0	12
40	Microwave Synthesized Mesoporous Vanadium-MFI Catalysts for Epoxidation of Styrene Using Molecular Oxygen. <i>Topics in Catalysis</i> , 2010, 53, 238-246.	1.3	10
41	Internalization studies on zeolite nanoparticles using human cells. <i>Journal of Materials Chemistry B</i> , 2018, 6, 469-476.	2.9	10
42	Design, synthesis and antiamebic activity of dysprosium-based nanoparticles using contact lenses as carriers against <i>Acanthamoeba</i> sp.. <i>Acta Ophthalmologica</i> , 2021, 99, e178-e188.	0.6	10
43	Cellular lasers for cell imaging and biosensing. <i>Acta Biomaterialia</i> , 2022, 143, 39-51.	4.1	10
44	Length dependency of hydrocarbon adsorption on nanostacked MFI zeolite by tracer chromatography. <i>Applied Surface Science</i> , 2010, 256, 5508-5512.	3.1	9
45	Fluorescent Nanozeolite Receptors for the Highly Selective and Sensitive Detection of Neurotransmitters in Water and Biofluids. <i>Advanced Materials</i> , 2021, 33, e2104614.	11.1	9
46	Tuning luminescent properties of a metal organic framework by insertion of metal complexes. <i>Supramolecular Chemistry</i> , 2017, 29, 758-767.	1.5	8
47	Charge transport enhancement in supramolecular oligothiophene assemblies using Pt centers as a guide. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16777-16784.	5.2	8
48	Catalytic behavior of melamine glyoxal resin towards consecutive oxidation and oxy-Michael addition. <i>Research on Chemical Intermediates</i> , 2010, 36, 677-684.	1.3	6
49	Monoclinic cerium(III) picrate tetraethylene glycol complex: design, synthesis and biological evaluation as anti-amebic activity against <i>Acanthamoeba</i> sp.. <i>Journal of Materials Science</i> , 2020, 55, 9795-9811.	1.7	6
50	Recovery of Lanthanides from Indonesian Low Grade Bauxite Using Oxalic Acid. <i>Materials Science Forum</i> , 2018, 929, 171-176.	0.3	2
51	Short channeled amino functionalized SBA-15 catalysts for the liquid phase reaction between 2-hydroxyacetophenone and benzaldehyde. <i>Studies in Surface Science and Catalysis</i> , 2008, 174, 1271-1274.	1.5	1
52	Graphene: Modular Graphene-Based 3D Covalent Networks: Functional Architectures for Energy Applications (<i>Small</i> 8/2016). <i>Small</i> , 2016, 12, 1108-1108.	5.2	1
53	Innentitelbild: Breakable Hybrid Organosilica Nanocapsules for Protein Delivery (<i>Angew. Chem.</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	0
54	Nanocomposites: Nanocomposite Hydrogels as Platform for Cells Growth, Proliferation, and Chemotaxis (<i>Small</i> 35/2016). <i>Small</i> , 2016, 12, 4910-4910.	5.2	0

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55	Hybrid PVA/alginate for extended delivery of antibiotic. AIP Conference Proceedings, 2020, , .	0.3	0
56	Pengembangan Molecular Imprinted Polymer Untuk Pemisahan Vitamin C dalam Sediaan Multivitamin. Jurnal Farmasi Indonesia, 2021, 18, 10-24.	0.1	0
57	Recent Advances in Injectable Hydrogels for Biomedical Applications. Journal of the Indonesian Chemical Society, 2019, 2, 1.	0.3	0
58	The Role of a Confined Space on the Reactivity and Emission Properties of Copper(I) Clusters. Frontiers in Chemistry, 2022, 10, .	1.8	0