

# Eny Kusrini

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

95  
papers

648  
citations

12  
h-index

20  
g-index

130  
ext. papers

865  
ext. citations

2.3  
avg, IF

4.41  
L-index

#	Paper	IF	Citations
95	Preparation of beeswax/multi-walled carbon nanotubes as novel shape-stable nanocomposite phase-change material for thermal energy storage. <i>Journal of Energy Storage</i> , <b>2019</b> , 21, 32-39	7.8	67
94	Characterization of x-ray diffraction and electron spin resonance: Effects of sintering time and temperature on bovine hydroxyapatite. <i>Radiation Physics and Chemistry</i> , <b>2012</b> , 81, 118-125	2.5	44
93	Chitosan-praseodymium complex for adsorption of fluoride ions from water. <i>Journal of Rare Earths</i> , <b>2015</b> , 33, 1104-1113	3.7	38
92	Kinetics, mechanism, and thermodynamics of lanthanum adsorption on pectin extracted from durian rind. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 6580-6588	6.8	28
91	Structural and selectivity of 18-crown-6 ligand in lanthanide picrate complexes. <i>Journal of Organometallic Chemistry</i> , <b>2008</b> , 693, 2561-2571	2.3	23
90	Physicochemical analyses, antioxidant, antibacterial, and toxicity of propolis particles produced by stingless bee found in Brunei Darussalam. <i>Heliyon</i> , <b>2019</b> , 5, e02476	3.6	22
89	Simultaneous adsorption of lanthanum and yttrium from aqueous solution by durian rind biosorbent. <i>Environmental Monitoring and Assessment</i> , <b>2019</b> , 191, 488	3.1	15
88	Synthesis, characterization, and performance of graphene oxide and phosphorylated graphene oxide as additive in water-based drilling fluids. <i>Applied Surface Science</i> , <b>2020</b> , 506, 145005	6.7	15
87	Coordination of trivalent lanthanum with polyethylene glycol in the presence of picrate anion: Spectroscopic and X-ray structural studies. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 474, 428-440	5.7	14
86	Structural and spectroscopic studies of [bis(picrato)(pentaethylene glycol)lanthanide(III)] picrate complexes with Ln(III)=Sm, Dy and Ho. <i>Journal of Molecular Structure</i> , <b>2007</b> , 837, 169-178	3.4	13
85	Structural and luminescence studies of trivalent europium complexes with pentaethylene glycol and 18-crown-6 ligands in the presence of picrate anion. <i>Journal of Luminescence</i> , <b>2007</b> , 126, 871-880	3.8	13
84	Luminescence and structural studies of yttrium and heavier lanthanide picrate complexes with pentaethylene glycol. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 4025-4030	2.7	12
83	The crystal structure and thermal stability of [bis-picrate(pentaethylene glycol)] praseodymium(III)picrate complex. <i>Journal of Chemical Crystallography</i> , <b>2005</b> , 35, 469-475	0.5	12
82	Study and fabrication of europium picrate triethylene glycol complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2011</b> , 78, 52-8	4.4	11
81	Synthesis and structure of dimeric anthracene-9-carboxylato bridged dinuclear erbium(III) complex, [Er(2)(9-AC)(6)(DMF)(2)(H(2)O)(2)]. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2009</b> , 72, 884-9	4.4	10
80	The manganese(III) complex with chelating Schiff base ligand: X-ray structure, spectroscopic and computational studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2010</b> , 75, 453-7	4.4	10
79	A novel antiamebic agent against <i>Acanthamoeba</i> sp.--A causative agent for eye keratitis infection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2016</b> , 153, 714-21	4.4	9

78	Triclinic structural isomer of cerium(III)picrate complexes with triethylene glycol. <i>Journal of Coordination Chemistry</i> , <b>2010</b> , 63, 484-497	1.6	9
77	Photocatalytic Hydrogen Production from Glycerol-water over Metal Loaded and Non-metal Doped Titanium Oxide <b>2015</b> , 6, 520		9
76	Enhanced Activity of TiO <sub>2</sub> /Natural Zeolite Composite for Degradation of Methyl Orange under Visible Light Irradiation <b>2018</b> , 9, 1159		9
75	Comparative study on the adsorption, kinetics, and thermodynamics of the photocatalytic degradation of six different synthetic dyes on TiO <sub>2</sub> nanoparticles. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , <b>2020</b> , 129, 519-534	1.6	9
74	Insight into the adsorption kinetics, mechanism, and thermodynamics of methylene blue from aqueous solution onto pectin-alginate-titania composite microparticles. <i>SN Applied Sciences</i> , <b>2021</b> , 3, 1	1.8	9
73	Yield and Composition of Bio-oil from Co-Pyrolysis of Corn Cobs and Plastic Waste of HDPE in a Fixed Bed Reactor. <i>Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy</i> , <b>2016</b> , 95, 621-628	0.5	8
72	Samarium(III) picrate tetraethylene glycol complex: Photoluminescence study and active material in monolayer electroluminescent. <i>Journal of Luminescence</i> , <b>2011</b> , 131, 1959-1965	3.8	8
71	Triclinic structural and magnetic properties of praseodymium(III) picrate triethylene glycol complex. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 2533-2538	2.7	8
70	Biogas from Palm Oil Mill Effluent: Characterization and Removal of CO <sub>2</sub> using Modified Clinoptilolite Zeolites in a Fixed-Bed Column <b>2016</b> , 7, 625		8
69	Adsorption of Lanthanide Ions from Aqueous Solution in Multicomponent Systems using Activated Carbon from Banana Peels ( <i>Musa paradisiaca</i> L.) <b>2018</b> , 9, 1132		8
68	Modification of chitosan by using samarium for potential use in drug delivery system. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 120, 77-83	4.4	7
67	Structural, optical and electrical properties of europium picrate tetraethylene glycol complex as emissive material for OLED. <i>Journal of Luminescence</i> , <b>2012</b> , 132, 91-99	3.8	7
66	Monomeric and Dimeric Erbium(III) Complexes: Crystal Structure and Photoluminescence Studies. <i>Journal of Chemical Crystallography</i> , <b>2011</b> , 41, 87-97	0.5	7
65	Coordination of Ce(III) and Nd(III) with pentaethylene glycol in the presence of picrate anion: spectroscopic and X-ray structural studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2009</b> , 74, 120-6	4.4	7
64	Improvement of Carbon Dioxide Capture using Graphite Waste/ FE <sub>3</sub> O <sub>4</sub> Composites <b>2017</b> , 8, 1436		7
63	Kinetics, isotherm, thermodynamic and bioperformance of defluoridation of water using praseodymium-modified chitosan. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 103498	6.8	7
62	Simultaneous Adsorption of Multi-lanthanides from Aqueous Silica Sand Solution Using Pectin-Activated Carbon Composite. <i>Arabian Journal for Science and Engineering</i> , <b>2020</b> , 45, 7219-7230	2.5	6
61	Junction properties and conduction mechanism of new terbium complexes with triethylene glycol ligand for potential application in organic electronic device. <i>Journal of Rare Earths</i> , <b>2014</b> , 32, 633-640	3.7	6

60	Synergistic effect in concurrent removal of toxic methylene blue and acid red-1 dyes from aqueous solution by durian rind: kinetics, isotherm, thermodynamics, and mechanism. <i>International Journal of Phytoremediation</i> , <b>2021</b> , 23, 1432-1443	3.9	6
59	Development of a novel thermoelectric module based device for thermal stability measurement of phase change materials. <i>Journal of Energy Storage</i> , <b>2019</b> , 22, 331-335	7.8	5
58	Characterization of shape-stabilized phase change material using beeswax and functionalized multi-walled carbon nanotubes. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 105, 012042	0.3	5
57	Anti-amoebic activity of acyclic and cyclic-samarium complexes on <i>Acanthamoeba</i> . <i>Parasitology Research</i> , <b>2018</b> , 117, 1409-1417	2.4	5
56	Investigation of crystal structure influence on spectroscopic and photoluminescent properties of terbium-picrate triethylene glycol complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2012</b> , 98, 322-8	4.4	5
55	Removal of Heavy Metals from Aqueous Solution by Hydroxyapatite/Chitosan Composite. <i>Advanced Materials Research</i> , <b>2013</b> , 789, 176-179	0.5	5
54	Effect of Polypropylene Plastic Waste as Co-feeding for Production of Pyrolysis Oil from Palm Empty Fruit Bunches. <i>Evergreen</i> , <b>2019</b> , 6, 92-97	1.6	5
53	Study of the use of nanomaterials as drilling mud additives. <i>E3S Web of Conferences</i> , <b>2018</b> , 67, 02007	0.5	5
52	Crystal Structure and Photoluminescence Properties of Gadolinium Picrate Triethylene Glycol Complex. <i>Journal of Chemical Crystallography</i> , <b>2012</b> , 42, 859-865	0.5	4
51	Synthesis and Characterization of Graphite Oxide, Graphene Oxide and Reduced Graphene Oxide from Graphite Waste using Modified Hummers's Method and Zinc as Reducing Agent <b>2019</b> , 10, 1093		4
50	Effects of Monocarboxylic Acids and Potassium Persulfate on Preparation of Chitosan Nanoparticles <b>2015</b> , 6, 11		4
49	Improving the Quality of Pyrolysis Oil from Co-firing High-density Polyethylene Plastic Waste and Palm Empty Fruit Bunches <b>2018</b> , 9, 1498		4
48	Binary Pectin-Chitosan Composites for the Uptake of Lanthanum and Yttrium Species in Aqueous Media. <i>Micromachines</i> , <b>2021</b> , 12,	3.3	4
47	Feasibility Study for Production of Zeolite A based on Kaolin. <i>E3S Web of Conferences</i> , <b>2018</b> , 67, 02017	0.5	4
46	Simple methods for immobilizing titania into pumice for photodegradation of phenol waste. <i>International Journal of Industrial Chemistry</i> , <b>2018</b> , 9, 127-139	3.1	4
45	Monoclinic cerium(III) picrate tetraethylene glycol complex: design, synthesis and biological evaluation as anti-amoebic activity against <i>Acanthamoeba</i> sp.. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 9795-9811	4.3	3
44	Ternary complexes of neodymium(III) and samarium(III) picrate triethylene glycol: structural, spectroscopic, and photoluminescent properties. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2012</b> , 74, 425-436		3
43	A second orthorhombic polymorph of 5-nitroisophthalic acid monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2006</b> , 62, o4837-o4839		3

42	Dibenzo-18-crown-6-picric acid-water (1/2/3). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, o1318-9		3
41	Tris(nitrato- $\text{D}$ , $\text{O}'$ )bis-(1,10-phenanthroline- $\text{N}$ , $\text{N}'$ )holmium(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, m1014-5		3
40	Sol-gel Preparation of Different Crystalline Phases of TiO <sub>2</sub> Nanoparticles for Photocatalytic Degradation of Methylene Blue in Aqueous Solution <b>2019</b> , 7, 39-45		3
39	Fabrication of Chitosan Nanoparticles Containing Samarium Ion Potentially Applicable for Fluorescence Detection and Energy Transfer <b>2018</b> , 9, 1112		3
38	Design, synthesis and antiamebic activity of dysprosium-based nanoparticles using contact lenses as carriers against <i>Acanthamoeba</i> sp. <i>Acta Ophthalmologica</i> , <b>2021</b> , 99, e178-e188	3-7	3
37	Extraction of rare earth elements from low-grade Bauxite via precipitation reaction. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 334, 012052	0-4	3
36	Removal of Mercury in Liquid Hydrocarbons using Zeolites Modified with Chitosan and Magnetic Iron Oxide Nanoparticles. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2017</b> , 75, 012010	0-3	2
35	Enrichment process of biogas using simultaneous Absorption - Adsorption methods <b>2017</b> ,		2
34	Dicyclohexano-18-crown-6 hydroxonium tribromide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, o3790-o3791		2
33	Bis(2,3-dibromo-6,7,9,10,12,13,15,16-octahydro-5,8,11,14,17-pentaoxabenzocyclopentadecene) hydroxonium tribromide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2006</b> , 62, o1654-o1656		2
32	Aqua-dipicrato(tetra-ethyl-ene glycol)gadolinium(III) picrate methanol hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, m1179-80		2
31	pH-Dependent Yield and Physicochemical Properties of Pectin Isolated from Citrus Maxima <b>2019</b> , 10, 1131		2
30	Advancement of New Materials and Methods for Enhancing the Quality of the Engineering Process <b>2019</b> , 10, 1075		2
29	Simulation of a Metal Organic Framework-based Adsorbed Natural Gas Storage Tank <b>2018</b> , 9, 412		2
28	Thermal properties of sonicated graphene in coconut oil as a phase change material for energy storage in building applications <sup>1</sup> . <i>International Journal of Low-Carbon Technologies</i> , <b>2020</b> , 15, 629-636	2-8	2
27	Biocompatible chitin-encapsulated CdS quantum dots: Fabrication and antibacterial screening. <i>Carbohydrate Polymers</i> , <b>2021</b> , 260, 117806	10-3	2
26	Synthesis and characterization of LTA zeolite from Kaolin Bangka. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1402, 055057	0-3	2
25	Production of pig iron nugget from low-grade iron ore and pyrolyzed oil-palm-empty-fruit-bunch composites. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 602, 012073	0-4	2

24	Synthesis and characterization of graphite/magnetite composite as low cost potential adsorbent from graphite waste. <i>E3S Web of Conferences</i> , <b>2018</b> , 67, 03029	0.5	2
23	Synthesis and Characterization of Natural, Pectin and Activated Carbon as Low Cost Potential Adsorbents from Kepok Banana Peels ( <i>Musa paradisiaca</i> L.). <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 440, 012030	0.4	2
22	Recovery of Lanthanides from Indonesian Low Grade Bauxite Using Oxalic Acid. <i>Materials Science Forum</i> , <b>2018</b> , 929, 171-176	0.4	2
21	Feasibility study of synthetic zeolite a production: Non-financial and financial aspects <b>2020</b> ,		1
20	Textile Dye Removal from Aqueous Solution using Modified Graphite Waste/Lanthanum/Chitosan Composite. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 316, 012029	0.4	1
19	Leaching Kinetics of Lanthanide in Sulfuric Acid from Low Grade Bauxite. <i>Materials Today: Proceedings</i> , <b>2019</b> , 18, 462-467	1.4	1
18	Samarium Complexes from 2,6-Naphtalenedicarboxylate: Synthesis, Photocatalytic Properties and Degradation of Methylene Blue. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 546, 042050	0.4	1
17	Structure and luminescence studies of tris(nitrato-O,O?)bis(2,2?-bipyridyl-N,N?)dysprosium(III) complex. <i>Journal of Luminescence</i> , <b>2010</b> , 130, 1813-1817	3.8	1
16	Individual and Competitive Adsorption of Negatively Charged Acid Blue 25 and Acid Red 1 onto Raw Indonesian Kaolin Clay. <i>Arabian Journal for Science and Engineering</i> ,	2.5	1
15	Photocatalytic activity of kaolin/TiO <sub>2</sub> composites to degrade methylene blue under UV light irradiation; kinetics, mechanism and thermodynamics. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , <b>2021</b> , 133, 517-529	1.6	1
14	Selective Adsorption of Textile Dyes using Pre-treated Graphite Waste and Graphite/Fe <sub>3</sub> O <sub>4</sub> Composites. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 440, 012029	0.4	1
13	Comparison of Antibacterial Activity in Ethanol Extract and Essential Oil of <i>Citrus sinensis</i> (L.) Peels Obtained by Soxhlet and Distillation Methods. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 440, 012028	0.4	1
12	Analysis of CO <sub>2</sub> transmission pipelines for CO <sub>2</sub> enhanced oil recovery networks: gas field X to oil field Y. <i>E3S Web of Conferences</i> , <b>2018</b> , 67, 04009	0.5	1
11	Effect of physical and chemical modification on surface area of low-grade bauxite. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 105, 012006	0.3	1
10	Preparation and Characterization of Graphite Waste/CeO <sub>2</sub> Composites. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 316, 012030	0.4	1
9	Effect of Mechanochemical and Roasting Techniques for Extraction of Rare Earth Elements from Indonesian Low-Grade Bauxite. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 316, 012029	0.4	1
8	Pectin derived from pomelo pith as a superior adsorbent to remove toxic Acid Blue 25 from aqueous solution. <i>Carbohydrate Polymer Technologies and Applications</i> , <b>2021</b> , 2, 100116	1.7	1
7	Domination of methylene blue over rhodamine B during simultaneous photocatalytic degradation by TiO <sub>2</sub> nanoparticles in an aqueous binary solution under UV irradiation. <i>Reaction Kinetics, Mechanisms and Catalysis</i> ,1	1.6	0

6	Enrichment and extraction of lanthanum from Belitung silica sand using sulfuric acid heap leaching, precipitation and complexation with phytic acid. <i>Materials Today: Proceedings</i> , <b>2020</b> , 31, 421-425	1.4	0
5	(hbox {SnO}_{x})-Impregnated Clinoptilolite for Efficient Mercury Removal from Liquid Hydrocarbon. <i>Arabian Journal for Science and Engineering</i> , <b>2019</b> , 44, 189-197	2.5	
4	New physical and chemical properties of chitosan-samarium composite: synthesis and characterization. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2021</b> , 882, 012013	0.3	
3	The role of Praseodymium oxide-Impregnated Clinoptilolite Zeolite Catalyst to Increase Octane Number in Gasoline. <i>E3S Web of Conferences</i> , <b>2018</b> , 67, 03051	0.5	
2	Tariff calculating model for natural gas transportation through open access transmission pipeline with multi tariff system to increase gas usage as clean energy. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 105, 012125	0.3	
1	The impact analysis of postage multi-tariff system on gas transportation through the pipeline to increase gas price efficiency as the attraction of more environmentally friendly power plant substitution. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 105, 012108	0.3	