

Eny Kusrini

List of Publications by Year in Descending Order

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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	New physical and chemical properties of chitosan-samarium composite: synthesis and characterization. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 882, 012013	0.3	
94	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> , 2021 , 23, 1432-1443	3.9	6
93	Binary Pectin-Chitosan Composites for the Uptake of Lanthanum and Yttrium Species in Aqueous Media. <i>Micromachines</i> , 2021 , 12,	3.3	4
92	Biocompatible chitin-encapsulated CdS quantum dots: Fabrication and antibacterial screening. <i>Carbohydrate Polymers</i> , 2021 , 260, 117806	10.3	2
91	Photocatalytic activity of kaolin/titania composites to degrade methylene blue under UV light irradiation; kinetics, mechanism and thermodynamics. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021 , 133, 517-529	1.6	1
90	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	3.7	3
89	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> , 2021 , 2, 100116	1.7	1
88	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> , 2021 , 3, 1	1.8	9
87	Feasibility study of synthetic zeolite a production: Non-financial and financial aspects 2020 ,		1
86	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	4.3	3
85	Simultaneous Adsorption of Multi-lanthanides from Aqueous Silica Sand Solution Using Pectin-Activated Carbon Composite. <i>Arabian Journal for Science and Engineering</i> , 2020 , 45, 7219-7230	2.5	6
84	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> , 2020 , 31, 421-425	1.4	0
83	Comparative study on the adsorption, kinetics, and thermodynamics of the photocatalytic degradation of six different synthetic dyes on TiO ₂ nanoparticles. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2020 , 129, 519-534	1.6	9
82	Synthesis, characterization, and performance of graphene oxide and phosphorylated graphene oxide as additive in water-based drilling fluids. <i>Applied Surface Science</i> , 2020 , 506, 145005	6.7	15
81	Thermal properties of sonicated graphene in coconut oil as a phase change material for energy storage in building applications ¹ . <i>International Journal of Low-Carbon Technologies</i> , 2020 , 15, 629-636	2.8	2
80	Physicochemical analyses, antioxidant, antibacterial, and toxicity of propolis particles produced by stingless bee found in Brunei Darussalam. <i>Heliyon</i> , 2019 , 5, e02476	3.6	22
79	Development of a novel thermoelectric module based device for thermal stability measurement of phase change materials. <i>Journal of Energy Storage</i> , 2019 , 22, 331-335	7.8	5

78	(hbox {SnO}_{x})-Impregnated Clinoptilolite for Efficient Mercury Removal from Liquid Hydrocarbon. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 189-197	2.5	
77	Simultaneous adsorption of lanthanum and yttrium from aqueous solution by durian rind biosorbent. <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 488	3.1	15
76	Leaching Kinetics of Lanthanide in Sulfuric Acid from Low Grade Bauxite. <i>Materials Today: Proceedings</i> , 2019 , 18, 462-467	1.4	1
75	Samarium Complexes from 2,6-Naphtalenedicarboxylate: Synthesis, Photocatalytic Properties and Degradation of Methylene Blue. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 546, 042050	0.4	1
74	Sol-gel Preparation of Different Crystalline Phases of TiO ₂ Nanoparticles for Photocatalytic Degradation of Methylene Blue in Aqueous Solution 2019 , 7, 39-45		3
73	pH-Dependent Yield and Physicochemical Properties of Pectin Isolated from Citrus Maxima 2019 , 10, 1131		2
72	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 2019 , 10, 1093		4
71	Advancement of New Materials and Methods for Enhancing the Quality of the Engineering Process 2019 , 10, 1075		2
70	Effect of Polypropylene Plastic Waste as Co-feeding for Production of Pyrolysis Oil from Palm Empty Fruit Bunches. <i>Evergreen</i> , 2019 , 6, 92-97	1.6	5
69	Synthesis and characterization of LTA zeolite from Kaolin Bangka. <i>Journal of Physics: Conference Series</i> , 2019 , 1402, 055057	0.3	2
68	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> , 2019 , 602, 012073	0.4	2
67	Kinetics, isotherm, thermodynamic and bioperformance of defluoridation of water using praseodymium-modified chitosan. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103498	6.8	7
66	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> , 2019 , 21, 32-39	7.8	67
65	Textile Dye Removal from Aqueous Solution using Modified Graphite Waste/Lanthanum/Chitosan Composite. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 316, 012029	0.4	1
64	Characterization of shape-stabilized phase change material using beeswax and functionalized multi-walled carbon nanotubes. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 105, 012042	0.3	5
63	Anti-amoebic activity of acyclic and cyclic-samarium complexes on Acanthamoeba. <i>Parasitology Research</i> , 2018 , 117, 1409-1417	2.4	5
62	Simulation of a Metal Organic Framework-based Adsorbed Natural Gas Storage Tank 2018 , 9, 412		2
61	Adsorption of Lanthanide Ions from Aqueous Solution in Multicomponent Systems using Activated Carbon from Banana Peels (<i>Musa paradisiaca</i> L.) 2018 , 9, 1132		8

60	Enhanced Activity of TiO ₂ /Natural Zeolite Composite for Degradation of Methyl Orange under Visible Light Irradiation 2018 , 9, 1159		9
59	Fabrication of Chitosan Nanoparticles Containing Samarium Ion Potentially Applicable for Fluorescence Detection and Energy Transfer 2018 , 9, 1112		3
58	Improving the Quality of Pyrolysis Oil from Co-firing High-density Polyethylene Plastic Waste and Palm Empty Fruit Bunches 2018 , 9, 1498		4
57	Synthesis and characterization of graphite/magnetite composite as low cost potential adsorbent from graphite waste. <i>E3S Web of Conferences</i> , 2018 , 67, 03029	0.5	2
56	Selective Adsorption of Textile Dyes using Pre-treated Graphite Waste and Graphite/Fe ₃ O ₄ Composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 440, 012029	0.4	1
55	Comparison of Antibacterial Activity in Ethanol Extract and Essential Oil of Citrus sinensis (L.) Peels Obtained by Soxhlet and Distillation Methods. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 440, 012028	0.4	1
54	The role of Praseodymium oxide-Impregnated Clinoptilolite Zeolite Catalyst to Increase Octane Number in Gasoline. <i>E3S Web of Conferences</i> , 2018 , 67, 03051	0.5	
53	Feasibility Study for Production of Zeolite A based on Kaolin. <i>E3S Web of Conferences</i> , 2018 , 67, 02017	0.5	4
52	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> , 2018 , 440, 012030	0.4	2
51	Analysis of CO ₂ transmission pipelines for CO ₂ enhanced oil recovery networks: gas field X to oil field Y. <i>E3S Web of Conferences</i> , 2018 , 67, 04009	0.5	1
50	Effect of physical and chemical modification on surface area of low-grade bauxite. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 105, 012006	0.3	1
49	Extraction of rare earth elements from low-grade Bauxite via precipitation reaction. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 334, 012052	0.4	3
48	Preparation and Characterization of Graphite Waste/CeO ₂ Composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 316, 012030	0.4	1
47	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> , 2018 , 316, 012025	0.4	1
46	Recovery of Lanthanides from Indonesian Low Grade Bauxite Using Oxalic Acid. <i>Materials Science Forum</i> , 2018 , 929, 171-176	0.4	2
45	Study of the use of nanomaterials as drilling mud additives. <i>E3S Web of Conferences</i> , 2018 , 67, 02007	0.5	5
44	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> , 2018 , 105, 012125	0.3	
43	Simple methods for immobilizing titania into pumice for photodegradation of phenol waste. <i>International Journal of Industrial Chemistry</i> , 2018 , 9, 127-139	3.1	4

42	Kinetics, mechanism, and thermodynamics of lanthanum adsorption on pectin extracted from durian rind. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 6580-6588	6.8	28
41	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> , 2018 , 105, 012108	0.3	
40	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> , 2017 , 75, 012010	0.3	2
39	Enrichment process of biogas using simultaneous Absorption - Adsorption methods 2017 ,		2
38	Improvement of Carbon Dioxide Capture using Graphite Waste/ FE3O4 Composites 2017 , 8, 1436		7
37	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> , 2016 , 95, 621-628	0.5	8
36	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> , 2016 , 153, 714-21	4.4	9
35	Biogas from Palm Oil Mill Effluent: Characterization and Removal of CO2 using Modified Clinoptilolite Zeolites in a Fixed-Bed Column 2016 , 7, 625		8
34	Chitosan-praseodymium complex for adsorption of fluoride ions from water. <i>Journal of Rare Earths</i> , 2015 , 33, 1104-1113	3.7	38
33	Effects of Monocarboxylic Acids and Potassium Persulfate on Preparation of Chitosan Nanoparticles 2015 , 6, 11		4
32	Photocatalytic Hydrogen Production from Glycerol-water over Metal Loaded and Non-metal Doped Titanium Oxide 2015 , 6, 520		9
31	Modification of chitosan by using samarium for potential use in drug delivery system. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 120, 77-83	4.4	7
30	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> , 2014 , 32, 633-640	3.7	6
29	Removal of Heavy Metals from Aqueous Solution by Hydroxyapatite/Chitosan Composite. <i>Advanced Materials Research</i> , 2013 , 789, 176-179	0.5	5
28	Characterization of x-ray diffraction and electron spin resonance: Effects of sintering time and temperature on bovine hydroxyapatite. <i>Radiation Physics and Chemistry</i> , 2012 , 81, 118-125	2.5	44
27	Structural, optical and electrical properties of europium picrate tetraethylene glycol complex as emissive material for OLED. <i>Journal of Luminescence</i> , 2012 , 132, 91-99	3.8	7
26	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> , 2012 , 74, 425-436		3
25	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> , 2012 , 98, 322-8	4.4	5

24	Crystal Structure and Photoluminescence Properties of Gadolinium Picrate Triethylene Glycol Complex. <i>Journal of Chemical Crystallography</i> , 2012 , 42, 859-865	0.5	4
23	Monomeric and Dimeric Erbium(III) Complexes: Crystal Structure and Photoluminescence Studies. <i>Journal of Chemical Crystallography</i> , 2011 , 41, 87-97	0.5	7
22	Samarium(III) picrate tetraethylene glycol complex: Photoluminescence study and active material in monolayer electroluminescent. <i>Journal of Luminescence</i> , 2011 , 131, 1959-1965	3.8	8
21	Study and fabrication of europium picrate triethylene glycol complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011 , 78, 52-8	4.4	11
20	Triclinic structural isomer of cerium(III) picrate complexes with triethylene glycol. <i>Journal of Coordination Chemistry</i> , 2010 , 63, 484-497	1.6	9
19	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> , 2010 , 75, 453-7	4.4	10
18	Structure and luminescence studies of tris(nitrato-O,O')bis(2,2'-bipyridyl-N,N')dysprosium(III) complex. <i>Journal of Luminescence</i> , 2010 , 130, 1813-1817	3.8	1
17	Triclinic structural and magnetic properties of praseodymium(III) picrate triethylene glycol complex. <i>Inorganica Chimica Acta</i> , 2010 , 363, 2533-2538	2.7	8
16	Luminescence and structural studies of yttrium and heavier lanthanide picrate complexes with pentaethylene glycol. <i>Inorganica Chimica Acta</i> , 2009 , 362, 4025-4030	2.7	12
15	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> , 2009 , 72, 884-9	4.4	10
14	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> , 2009 , 74, 120-6	4.4	7
13	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> , 2009 , 474, 428-440	5.7	14
12	Structural and selectivity of 18-crown-6 ligand in lanthanide picrate complexes. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 2561-2571	2.3	23
11	Dibenzo-18-crown-6-picric acid-water (1/2/3). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o1318-9		3
10	Tris(nitrato-O,O')bis-(1,10-phenanthroline-N,N')holmium(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, m1014-5		3
9	Aqua-dipicrato(tetra-ethyl-ene glycol)gadolinium(III) picrate methanol hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, m1179-80		2
8	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> , 2007 , 837, 169-178	3.4	13
7	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> , 2007 , 126, 871-880	3.8	13

6	Dicyclohexano-18-crown-6 hydroxonium tribromide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o3790-o3791		2
5	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> , 2006 , 62, o1654-o1656		2
4	A second orthorhombic polymorph of 5-nitroisophthalic acid monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o4837-o4839		3
3	The crystal structure and thermal stability of [bis-picrate(pentaethylene glycol)] praseodymium(III)picrate complex. <i>Journal of Chemical Crystallography</i> , 2005 , 35, 469-475	0.5	12
2	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
1	Domination of methylene blue over rhodamine B during simultaneous photocatalytic degradation by TiO ₂ nanoparticles in an aqueous binary solution under UV irradiation. <i>Reaction Kinetics, Mechanisms and Catalysis</i> ,1	1.6	0