

# Na Sairi

## List of Publications by Year in descending order

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33  
papers

724  
citations

567281

15  
h-index

526287

27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1119  
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of glycerol carbonate from glycerol with aid of ionic liquid as catalyst. Chemical Engineering Journal, 2016, 297, 128-138.	12.7	72
2	A review of ionic liquids as catalysts for transesterification reactions of biodiesel and glycerol carbonate production. Catalysis Reviews - Science and Engineering, 2017, 59, 44-93.	12.9	64
3	Enhanced visible light photocatalytic activity of copper-doped titanium oxide/zinc oxide heterojunction for methyl orange degradation. Applied Surface Science, 2017, 414, 251-261.	6.1	64
4	Modeling BOD and COD removal from Palm Oil Mill Secondary Effluent in floating wetland by <i>Chrysopogon zizanioides</i> (L.) using response surface methodology. Journal of Environmental Management, 2016, 181, 343-352.	7.8	63
5	Solubilities of CO <sub>2</sub> in aqueous N-methyldiethanolamine and guanidinium trifluoromethanesulfonate ionic liquid systems at elevated pressures. Fluid Phase Equilibria, 2011, 300, 89-94.	2.5	61
6	Composition and Temperature Dependence of Density, Surface Tension, and Viscosity of EMIM DEP/MMIM DMP + Water + 1-Propanol/2-Propanol Ternary Mixtures and Their Mathematical Representation Using the Jouyban-Acree Model. Journal of Chemical & Engineering Data, 2014, 59, 2337-2348.	1.9	49
7	Improved visible-light photocatalytic activity of TiO <sub>2</sub> co-doped with copper and iodine. Applied Surface Science, 2018, 439, 999-1009.	6.1	44
8	Density, Surface Tension, and Viscosity of Ionic Liquids (1-Ethyl-3-methylimidazolium diethylphosphate) Tj ETQq0 0 0 rgBT /Overlock 10 Chemical & Engineering Data, 2014, 59, 1737-1746.	1.9	35
9	Synthesis and characterization of protic ionic liquids as thermoelectrochemical materials. RSC Advances, 2016, 6, 18266-18278.	3.6	33
10	Evaluation of 1-Butyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide-Alkanolamine Sulfolane-Based System as Solvent for Absorption of Carbon Dioxide. Industrial & Engineering Chemistry Research, 2016, 55, 7992-8001.	3.7	26
11	Structure-electronics relations of discotic liquid crystals from a molecular modelling perspective. Liquid Crystals, 2016, 43, 2092-2113.	2.2	26
12	Characteristics, Emission Sources, and Risk Factors of Heavy Metals in PM <sub>2.5</sub> from Southern Malaysia. ACS Earth and Space Chemistry, 2020, 4, 1309-1323.	2.7	24
13	Low pressure solubilities of CO <sub>2</sub> in guanidinium trifluoromethanesulfonate-MDEA systems. Fluid Phase Equilibria, 2015, 385, 79-91.	2.5	23
14	Fabrication modeling of industrial CO <sub>2</sub> ionic liquids absorber by artificial neural networks. Journal of Industrial and Engineering Chemistry, 2015, 25, 168-175.	5.8	18
15	Experimental densities and viscosities of binary mixture of 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide or glycerol with sulfolane and their molecular interaction by COSMO-RS. Thermochimica Acta, 2016, 639, 130-147.	2.7	17
16	Rheological and thermal degradation properties of hyperbranched polyisoprene prepared by anionic polymerization. Royal Society Open Science, 2019, 6, 190869.	2.4	15
17	Degradation of High Level <i>m</i> Cresol by Zinc Oxide as Photocatalyst. Clean - Soil, Air, Water, 2014, 42, 1292-1297.	1.1	11
18	Artificial Neural Network Modelling of Photodegradation in Suspension of Manganese Doped Zinc Oxide Nanoparticles under Visible-Light Irradiation. Scientific World Journal, The, 2014, 2014, 1-10.	2.1	10

#	ARTICLE	IF	CITATIONS
19	Green Synthesis of Gold Nanoparticles in Pomegranate Seed Oil Stabilized Using Laser Ablation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 1009-1013.	3.7	10
20	Enhance protection of electronic appliances through multivariate modelling and optimization of ceramic core materials in varistor devices. <i>RSC Advances</i> , 2015, 5, 21384-21395.	3.6	10
21	Ambient Levels, Emission Sources and Health Effect of PM2.5-Bound Carbonaceous Particles and Polycyclic Aromatic Hydrocarbons in the City of Kuala Lumpur, Malaysia. <i>Atmosphere</i> , 2021, 12, 549.	2.3	8
22	Photoelectrochemical reduction of CO <sub>2</sub> over Ru/Mn/Co trimetallic catalysts supported anatase TiO <sub>2</sub> under visible light irradiation. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 94, 279-287.	2.4	7
23	DFT studies of structural–electronic correlation for the HAT6 discotic liquid crystal columnar stacking. <i>Materials Research Express</i> , 2018, 5, 126306.	1.6	6
24	Scheduling the blended solution as industrial CO <sub>2</sub> absorber in separation process by back-propagation artificial neural networks. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 892-901.	3.9	5
25	Microstructures, interactions and dynamics properties studies of aqueous guanidinium triflate ionic liquid from molecular dynamics simulations. <i>Journal of Molecular Liquids</i> , 2017, 227, 184-193.	4.9	5
26	Enhancement of electronic protection to reduce e-waste. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 29, 400-407.	5.8	4
27	Microstructures, interactions and dynamics properties studies of N-methyldiethanolamine+guanidinium triflate ionic liquid+water tertiary system at the standard temperature. <i>Molecular Simulation</i> , 2016, 42, 655-666.	2.0	4
28	Photoelectrocatalytic oxidation of methanol over RuO <sub>2</sub> MnO <sub>2</sub> Co <sub>3</sub> O <sub>4</sub> supported porous anatase under visible light irradiation. <i>Materials Chemistry and Physics</i> , 2019, 224, 196-205.	4.0	4
29	A new achievement in green degradation of aqueous organic pollutants under visible-light irradiation. <i>Water Science and Technology</i> , 2018, 77, 1493-1504.	2.5	3
30	Photocatalytic activities enhancement of manganese doped ZnO by decoration on CNT for degradation of organic pollutants under solar irradiation. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	2.3	2
31	Density and molar volumes of imidazolium-based ionic liquid mixtures and prediction by the Jouyban-Acree model. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	1
32	Modeling of photodegradation process to remove the higher concentration of environmental pollution. <i>Desalination and Water Treatment</i> , 2015, , 1-11.	1.0	0
33	Experimental Densities of Binary mixture of 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide or sulfolane with monoethanolamine and their molecular interaction by COSMO-RS. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 778, 012022.	0.6	0