

# Gede Wibawa

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

335  
citations

1039406

9  
h-index

887659

17  
g-index

31  
all docs

31  
docs citations

31  
times ranked

155  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solubilities of 11 Polar Organic Solvents in Four Polymers Using the Piezoelectric Quartz Sorption Method. <i>Journal of Chemical &amp; Engineering Data</i> , 2002, 47, 1022-1029.	1.0	74
2	Solubility of Seven Nonpolar Organic Solvents in Four Polymers Using the Piezoelectric Quartz Sorption Method. <i>Journal of Chemical &amp; Engineering Data</i> , 2002, 47, 518-524.	1.0	52
3	A facile method for the production of high-surface-area mesoporous silica gels from geothermal sludge. <i>Advanced Powder Technology</i> , 2014, 25, 1593-1599.	2.0	24
4	Atmospheric Ternary Liquid-Liquid Equilibrium for the Diethyl Carbonate + 1-Propanol + Water System at Temperature of 303.15, 313.15, 323.15, and 333.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 1029-1034.	1.0	23
5	Determination of Ternary Liquid-Liquid Equilibria for Dimethyl Carbonate + 2-Methyl-1-propanol or 2-Methyl-2-propanol + Water Systems at $T = 303.15$ and $313.15$ K. <i>Journal of Chemical &amp; Engineering Data</i> , 2017, 62, 463-468.	1.0	21
6	CO <sub>2</sub> Frost Phenomenon for Binary System of Methane-Carbon Dioxide Mixtures. <i>Journal of Engineering and Technological Sciences</i> , 2015, 47, 612-622.	0.3	21
7	Vapor pressure measurements of ethanol-isooctane and 1-butanol-isooctane systems using a new ebulliometer. <i>Fuel</i> , 2013, 107, 47-51.	3.4	20
8	Revision of UNIFAC group interaction parameters of group contribution models to improve prediction results of vapor-liquid equilibria for solvent-polymer systems. <i>Fluid Phase Equilibria</i> , 2002, 202, 367-383.	1.4	13
9	Isothermal Vapor-Liquid Equilibrium of Ethanol + Glycerol and 2-Propanol + Glycerol at Different Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , 2015, 60, 955-959.	1.0	12
10	Vapor pressures of diethyl carbonate-ethanol binary mixture and diethyl carbonate-ethanol-isooctane/toluene ternary mixtures at temperatures range of 303.15-323.15 K. <i>Journal of Molecular Liquids</i> , 2018, 264, 32-37.	0.3	12
11	Measurement and Correlation of Isothermal Binary Vapor-Liquid Equilibrium for Diethyl Carbonate + Isooctane/n-Heptane/Toluene Systems. <i>Journal of Chemical &amp; Engineering Data</i> , 2017, 62, 2362-2366.	1.0	10
12	Isothermal Vapor-Liquid Equilibrium of Methanol + Glycerol and 1-Propanol + Glycerol. <i>Indonesian Journal of Chemistry</i> , 2016, 16, 111.	0.3	7
13	An improved prediction result of entropic-FV model for vapor-liquid equilibria of solvent-polymer systems. <i>Journal of Applied Polymer Science</i> , 2005, 97, 1145-1153.	1.3	6
14	Solubilities of Dichloromethane, Diethyl Ether, Ethyl Acetate, and Nitrobenzene in Three Polymers Using the Piezoelectric Quartz Sorption Method. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 5581-5586.	1.0	6
15	Vapor Pressure of 2-Butanol + Diethyl Carbonate and tert-Butanol + Diethyl Carbonate at the Temperature of 303.15-323.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2020, 65, 2441-2445.	1.0	6
16	Ternary liquid-liquid equilibria of dimethyl carbonate + 2-propanol + water system at 303.15 and 313.15 K. <i>AIP Conference Proceedings</i> , 2015, .	0.3	5
17	Improvement of an Entropic-FV model based on solubility parameters for prediction of vapor-liquid equilibria of solvent-polymer systems. <i>Fluid Phase Equilibria</i> , 2009, 285, 105-111.	1.4	4
18	Isobaric Binary Vapor-Liquid Equilibrium of Ethanol + Glycerol and 1-Propanol + Glycerol Systems at 16.0 and 101.3 kPa. <i>Journal of Chemical &amp; Engineering Data</i> , 2020, 65, 3802-3807.	1.0	3

#	ARTICLE	IF	CITATIONS
19	Quantitative analysis of Indonesia's reserves and energy security as an evaluation by the nation in facing global competition. AIP Conference Proceedings, 2015, , .	0.3	2
20	Liquid-liquid equilibrium measurement of ternary system containing $\beta$ -caryophyllene in the water and 2-propanol mixture. AIP Conference Proceedings, 2017, , .	0.3	2
21	Vapor/liquid equilibrium measurement of gasoline (petrosol CA/CB/CC) and ethanol mixture. AIP Conference Proceedings, 2020, , .	0.3	2
22	Experimental and Predicted Values of Bubble Point Pressure for Binary and Ternary Systems Consisting of 1-Butanol, 2-Methyl-1-propanol, Glycerol, and Water. Journal of Chemical & Engineering Data, 0, , .	1.0	2
23	A generalized correlation for Henry's Law constants of nonpolar solutes in four polymers. Fluid Phase Equilibria, 2003, 211, 241-256.	1.4	1
24	Ternary liquid-liquid equilibrium for eugenol + tert-butanol + water system at 303.15 and 323.15K and atmospheric pressure. AIP Conference Proceedings, 2017, , .	0.3	1
25	Ternary (liquid + liquid) equilibria of (diethyl carbonate + ethanol or 1-propanol + water) systems at 303.15...K under atmospheric pressure. AIP Conference Proceedings, 2017, , .	0.3	1
26	Ternary liquid-liquid equilibria of Eugenol + Isobutanol + H <sub>2</sub> O and $\beta$ -Caryophyllene + Isobutanol + H <sub>2</sub> O systems at temperatures 303.15 and 323.15...K. AIP Conference Proceedings, 2017, , .	0.3	1
27	The effect of gas composition, air intake cooling, and steam injection on combined cycle power plant performance. AIP Conference Proceedings, 2020, , .	0.3	1
28	The Addition of N-Butanol in Ethanol-Isooctane Mixture to Reduce Vapor Pressure of Oxygenated-Gasoline Blend. Indonesian Journal of Chemistry, 2017, 17, 500.	0.3	1
29	Feasibility aspect in utilizing spent bleaching earth waste for briquette, fertilizer and oil recovery. Materials Today: Proceedings, 2022, 63, S84-S88.	0.9	1
30	Isothermal Vapor-Liquid Equilibrium Measurement of Isobutanol + Isooctane/N-Heptane Binary Mixtures at Temperatures Range of 303.15-323.15 K. Key Engineering Materials, 0, 840, 501-506.	0.4	0