

Jin Jun-su

List of Publications by Year in descending order

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19
papers

232
citations

1040056

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996975

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19
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19
times ranked

152
citing authors

#	ARTICLE	IF	CITATIONS
1	Solubility of mixed solids in supercritical carbon dioxide. <i>Fluid Phase Equilibria</i> , 2007, 251, 47-51.	2.5	33
2	A Highly Efficient and Stable Composite of Polyacrylate and Metal-Organic Framework Prepared by Interface Engineering for Direct Air Capture. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 21775-21785.	8.0	32
3	Single-component and mixture solubilities of ethyl p-hydroxybenzoate and ethyl p-aminobenzoate in supercritical CO ₂ . <i>Fluid Phase Equilibria</i> , 2008, 264, 93-98.	2.5	28
4	Epoxide-Functionalization of Grafted Tetraethylenepentamine on the Framework of an Acrylate Copolymer as a CO ₂ Sorbent with Long Cycle Stability. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 3853-3864.	6.7	24
5	Grafting Poly(ethyleneimine) on the Pore Surface of Poly(glycidyl methacrylate-trimethylolpropane) Tj ETQq1 1 0.784314 rgBTj/Overlo	5.1	18
6	Transformation of Al-CDC from 3D crystals to 2D nanosheets in macroporous polyacrylates with enhanced CH ₄ /N ₂ separation efficiency and stability. <i>Chemical Engineering Journal</i> , 2022, 429, 132285.	12.7	18
7	Solubility of polyvinyl alcohol in supercritical carbon dioxide and subcritical 1,1,1,2-tetrafluoroethane. <i>Fluid Phase Equilibria</i> , 2015, 404, 61-69.	2.5	17
8	Equilibrium solubilities of ammonium benzoate, benzamide and their mixture in supercritical carbon dioxide. <i>Fluid Phase Equilibria</i> , 2012, 334, 152-156.	2.5	13
9	Comparison and modelling of rutin solubility in supercritical carbon dioxide and subcritical 1,1,1,2-tetrafluoroethane. <i>Journal of CO₂ Utilization</i> , 2017, 21, 1-8.	6.8	12
10	Preparation and properties of optical acrylate modified with sulfur-containing cyclophosphazene polymer. <i>Progress in Organic Coatings</i> , 2021, 156, 106249.	3.9	8
11	Design of High-Humidity-Proof Hierarchical Porous P-ZIF-67(Co)-Polymer Composite Materials by Surface Modification for Highly Efficient Volatile Organic Compound Adsorption. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 3591-3600.	3.7	6
12	Solubilities of hydroxybenzaldehyde isomers and their mixture in subcritical 1,1,1,2-tetrafluoroethane. <i>Thermochimica Acta</i> , 2016, 624, 8-14.	2.7	5
13	Zirconium dioxide@phosphazene for enhancing mechanical property, flame retardancy, and thermal property of polythiourethane composites. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	5
14	Cosolvent Effect on the Solubility of Ammonium Benzoate in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 2022, 67, 689-694.	1.9	4
15	Enhancing mechanical, thermal property and flame retardancy of optical polythiourethane with self-assembly phosphazene nanoparticles. <i>Polymer Composites</i> , 2022, 43, 2010-2021.	4.6	3
16	In situ Growth of UiO-66 with Its Particle Size Reduced by 90% into Porous Polyacrylate: Experiments and Applications. <i>Industrial & Engineering Chemistry Research</i> , 0, .	3.7	3
17	Determination and Correlation of Poly(vinylpyrrolidone) Solubility in Subcritical 1,1,1,2-Tetrafluoroethane. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 3368-3373.	1.9	2
18	Solubility of polystyrene with various molecular weights in subcritical 1,1,1,2-tetrafluoroethane: experiment and modified model. <i>Polymer International</i> , 2018, 67, 700-707.	3.1	1

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19	Experimental Determination and Modeling of Solubility of Polyacrylamide in Subcritical 1,1,1,2-Tetrafluoroethane. Journal of Chemical & Engineering Data, 2018, 63, 3744-3750.	1.9	0