

Cerag Dilek

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

405
citations

1040056

9
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

503
citing authors

#	ARTICLE	IF	CITATIONS
1	One-component, switchable ionic liquids derived from siloxylated amines. <i>Chemical Communications</i> , 2009, , 116-118.	4.1	93
2	Removal of boron from aqueous solutions by continuous polymer-enhanced ultrafiltration with polyvinyl alcohol. <i>Separation Science and Technology</i> , 2002, 37, 1257-1271.	2.5	69
3	Supercritical CO ₂ intercalation of layered silicates. <i>Journal of Supercritical Fluids</i> , 2006, 39, 264-270.	3.2	58
4	Effects of hollow glass microsphere density and surface modification on the mechanical and thermal properties of poly(methyl methacrylate) syntactic foams. <i>Composite Structures</i> , 2018, 202, 545-550.	5.8	51
5	More Benign Synthesis of Palladium Nanoparticles in Dimethyl Sulfoxide and Their Extraction into an Organic Phase. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 8174-8179.	3.7	24
6	Phase behavior of ¹² -d galactose pentaacetate–carbon dioxide binary system. <i>Fluid Phase Equilibria</i> , 2006, 239, 172-177.	2.5	18
7	Supercritical carbon dioxide-soluble polyhedral oligomeric silsesquioxane (POSS) nanocages and polymer surface modification. <i>Journal of Supercritical Fluids</i> , 2013, 73, 171-177.	3.2	14
8	Poly(methyl methacrylate) hybrid syntactic foams with hollow glass microspheres and polyhedral oligomeric silsesquioxanes. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48368.	2.6	13
9	Effects of functional groups on the solubilities of polyhedral oligomeric silsesquioxanes (POSS) in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2015, 102, 17-23.	3.2	12
10	Supercritical processing of CO ₂ -philic polyhedral oligomeric silsesquioxane (POSS)-poly(l-lactic acid) hybrid foams. <i>Journal of Applied Polymer Science</i> , 2019, 143, 48368.	3.2	9
11	Reversible ionic surfactants for gold nanoparticle synthesis. <i>Green Materials</i> , 2014, 2, 54-61.	2.1	8
12	Phase behavior of 1,3,5-tri-tert-butylbenzene–carbon dioxide binary system. <i>Journal of Supercritical Fluids</i> , 2008, 43, 421-429.	3.2	7
13	Enhanced solubility of siloxy-modified polyhedral oligomeric silsesquioxanes in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2019, 143, 358-364.	3.2	7
14	Highly Crystalline Poly(l-lactic acid) Porous Films Prepared with CO ₂ -philic, Hybrid, Liquid Cell Nucleators. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 22541-22550.	3.7	6
15	Poly(methyl methacrylate)-octatrimethylsiloxy polyhedral oligomeric silsesquioxane composite syntactic foams with bimodal pores. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	5
16	Density functional theory study of interactions between carbon dioxide and functionalized polyhedral oligomeric silsesquioxanes. <i>International Journal of Quantum Chemistry</i> , 2017, 117, e25397.	2.0	4
17	Controlling the foam morphology of supercritical CO ₂ -processed poly(methyl methacrylate) with CO ₂ -philic hybrid nanoparticles. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50814.	2.6	4
18	Sustainable Debinding and Recovery of CO ₂ -Soluble Binders. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 9101-9105.	3.7	1

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19	Phase Behavior of Carbon Dioxide and Polyhedral Oligomeric Silsesquioxanes with Two Different Functional Groups. <i>Journal of Supercritical Fluids</i> , 2020, 163, 104860.	3.2	1
20	Synthesis and Characterization of Aluminum Containing Silica Aerogel Catalysts for Degradation of PLA. <i>International Journal of Chemical Reactor Engineering</i> , 2019, 17, .	1.1	0