

Cerag Dilek

List of Publications by Year in descending order

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papers

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citations

1040056

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docs citations

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times ranked

503
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling the foam morphology of supercritical CO ₂ -processed poly(methyl methacrylate) with CO ₂ -philic hybrid nanoparticles. Journal of Applied Polymer Science, 2021, 138, 50814.	2.6	4
2	Poly(methyl methacrylate)-octatrimethylsiloxy polyhedral oligomeric silsesquioxane composite syntactic foams with bimodal pores. Journal of Polymer Research, 2021, 28, 1.	2.4	5
3	Poly(methyl methacrylate) hybrid syntactic foams with hollow glass microspheres and polyhedral oligomeric silsesquioxanes. Journal of Applied Polymer Science, 2020, 137, 48368.	2.6	13
4	Phase Behavior of Carbon Dioxide and Polyhedral Oligomeric Silsesquioxanes with Two Different Functional Groups. Journal of Supercritical Fluids, 2020, 163, 104860.	3.2	1
5	Highly Crystalline Poly(L-lactic acid) Porous Films Prepared with CO ₂ -philic, Hybrid, Liquid Cell Nucleators. Industrial & Engineering Chemistry Research, 2019, 58, 22541-22550.	3.7	6
6	Synthesis and Characterization of Aluminum Containing Silica Aerogel Catalysts for Degradation of PLA. International Journal of Chemical Reactor Engineering, 2019, 17, .	1.1	0
7	Enhanced solubility of siloxy-modified polyhedral oligomeric silsesquioxanes in supercritical carbon dioxide. Journal of Supercritical Fluids, 2019, 143, 358-364.	3.2	7
8	Effects of hollow glass microsphere density and surface modification on the mechanical and thermal properties of poly(methyl methacrylate) syntactic foams. Composite Structures, 2018, 202, 545-550.	5.8	51
9	Density functional theory study of interactions between carbon dioxide and functionalized polyhedral oligomeric silsesquioxanes. International Journal of Quantum Chemistry, 2017, 117, e25397.	2.0	4
10	Supercritical processing of CO ₂ -philic polyhedral oligomeric silsesquioxane (POSS)-poly(L-lactic acid) blends. Journal of Applied Polymer Science, 2017, 135, 4251-4260.	3.2	9
11	Effects of functional groups on the solubilities of polyhedral oligomeric silsesquioxanes (POSS) in supercritical carbon dioxide. Journal of Supercritical Fluids, 2015, 102, 17-23.	3.2	12
12	Reversible ionic surfactants for gold nanoparticle synthesis. Green Materials, 2014, 2, 54-61.	2.1	8
13	Supercritical carbon dioxide-soluble polyhedral oligomeric silsesquioxane (POSS) nanocages and polymer surface modification. Journal of Supercritical Fluids, 2013, 73, 171-177.	3.2	14
14	Sustainable Debinding and Recovery of CO ₂ -Soluble Binders. Industrial & Engineering Chemistry Research, 2012, 51, 9101-9105.	3.7	1
15	More Benign Synthesis of Palladium Nanoparticles in Dimethyl Sulfoxide and Their Extraction into an Organic Phase. Industrial & Engineering Chemistry Research, 2010, 49, 8174-8179.	3.7	24
16	One-component, switchable ionic liquids derived from siloxylated amines. Chemical Communications, 2009, , 116-118.	4.1	93
17	Phase behavior of 1,3,5-tri-tert-butylbenzene-carbon dioxide binary system. Journal of Supercritical Fluids, 2008, 43, 421-429.	3.2	7
18	Phase behavior of D-galactose pentaacetate-carbon dioxide binary system. Fluid Phase Equilibria, 2006, 239, 172-177.	2.5	18

#	ARTICLE	IF	CITATIONS
19	Supercritical CO ₂ intercalation of layered silicates. <i>Journal of Supercritical Fluids</i> , 2006, 39, 264-270.	3.2	58
20	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