

Pedro Maximiano

List of Publications by Year in descending order

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11
papers

245
citations

933447

10
h-index

1281871

11
g-index

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all docs

11
docs citations

11
times ranked

307
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of different types of surfactants on the microstructure of methyltrimethoxysilane-derived silica aerogels: A combined experimental and computational approach. <i>Journal of Colloid and Interface Science</i> , 2018, 512, 64-76.	9.4	44
2	Getting faster: low temperature copper-mediated SARA ATRP of methacrylates, acrylates, styrene and vinyl chloride in polar media using sulfolane/water mixtures. <i>RSC Advances</i> , 2016, 6, 9598-9603.	3.6	33
3	Ambient Temperature Transition-Metal-Free Dissociative Electron Transfer Reversible Addition-Fragmentation Chain Transfer Polymerization (DET-RAFT) of Methacrylates, Acrylates, and Styrene. <i>Macromolecules</i> , 2016, 49, 1597-1604.	4.8	28
4	Cyclopentyl methyl ether: A new green co-solvent for supplemental activator and reducing agent atom transfer radical polymerization. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2722-2729.	2.3	27
5	Ambient Temperature "Flash" SARA ATRP of Methyl Acrylate in Water/Ionic Liquid/Glycol Mixtures. <i>Macromolecules</i> , 2015, 48, 6810-6815.	4.8	24
6	Cyclopentyl methyl ether as a green solvent for reversible-addition fragmentation chain transfer and nitroxide-mediated polymerizations. <i>RSC Advances</i> , 2016, 6, 7495-7503.	3.6	21
7	Eutectic mixtures as a green alternative for efficient catalyst recycling in atom transfer radical polymerizations. <i>Journal of Polymer Science Part A</i> , 2017, 55, 371-381.	2.3	17
8	Overview of Multiscale Molecular Modeling and Simulation of Silica Aerogels. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 18905-18929.	3.7	15
9	Ambient temperature SARAATRP for meth(acrylates), styrene, and vinyl chloride using sulfolane/1-butyl-3-methylimidazolium hexafluorophosphate-based mixtures. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1322-1328.	2.3	14
10	Organically-modified silica aerogels: A density functional theory study. <i>Journal of Supercritical Fluids</i> , 2019, 147, 138-148.	3.2	12
11	Intermolecular interactions in composites of organically-modified silica aerogels and polymers: A molecular simulation study. <i>Microporous and Mesoporous Materials</i> , 2021, 314, 110838.	4.4	10