

Iván Zapata-González

List of Publications by Year in descending order

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11
papers

198
citations

1163117

8
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

172
citing authors

#	ARTICLE	IF	CITATIONS
1	The influences of monomer structure and solvent on the radical copolymerization of tertiary amine and PEGylated methacrylates. <i>Polymer Chemistry</i> , 2021, 12, 5289-5302.	3.9	3
2	Stimuli responsive nanogels with intrinsic fluorescence: Promising nanovehicles for controlled drug delivery and cell internalization detection in diverse cancer cell lines. <i>European Polymer Journal</i> , 2021, 144, 110200.	5.4	13
3	Kinetic importance of the missing step in dithiobenzoate-mediated RAFT polymerizations of acrylates. <i>Chemical Engineering Journal</i> , 2021, 415, 128970.	12.7	5
4	Cationic versus anionic core-shell nanogels for transport of cisplatin to lung cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110365.	5.0	19
5	A kinetic study, thermal analysis and kinetic modeling on homo and copolymerization of 2-(N,N-diethylamino)ethyl methacrylate and PEGMA. <i>European Polymer Journal</i> , 2018, 109, 347-359.	5.4	10
6	Pseudo-Homopolymerization Approach To Predict the Molecular Weight Distribution in the Copolymerization via Activator Regenerated by Electron Transfer Atom Transfer Radical Polymerization. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 12040-12054.	3.7	4
7	Kinetic Modeling of RAFT Polymerization via Dithiobenzoate Agents Considering the Missing Step Theory. <i>Chemical Engineering Journal</i> , 2017, 326, 1242-1254.	12.7	15
8	Mathematical modeling of the full molecular weight distribution in ATRP techniques. <i>AIChE Journal</i> , 2016, 62, 2762-2777.	3.6	23
9	Copolymer Composition Deviations from Mayo-Lewis Conventional Free Radical Behavior in Nitroxide Mediated Copolymerization. <i>Macromolecular Theory and Simulations</i> , 2014, 23, 245-265.	1.4	20
10	Efficient numerical integration of stiff differential equations in polymerisation reaction engineering: Computational aspects and applications. <i>Canadian Journal of Chemical Engineering</i> , 2012, 90, 804-823.	1.7	30
11	Full Molecular Weight Distribution in RAFT Polymerization. New Mechanistic Insight by Direct Integration of the Equations. <i>Macromolecular Theory and Simulations</i> , 2011, 20, 370-388.	1.4	50