

# Iván Zapata-González

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2831795/publications.pdf>

Version: 2024-02-01

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	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
2	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
3	Mathematical modeling of the full molecular weight distribution in ATRP techniques. <i>AIChE Journal</i> , 2016, 62, 2762-2777.	3.6	23
4	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
5	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
6	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
7	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
8	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
9	Kinetic importance of the missing step in dithiobenzoate-mediated RAFT polymerizations of acrylates. <i>Chemical Engineering Journal</i> , 2021, 415, 128970.	12.7	5
10	Pseudo-Homopolymerization Approach To Predict the Molecular Weight Distribution in the Copolymerization via Activator Regenerated by Electron Transfer Atom Transfer Radical Polymerization. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 12040-12054.	3.7	4
11	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