

Rueben Pfukwa

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

376
citations

759233

12
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Identity of Poly(<i>N</i> -vinylpyrrolidone) End Groups Impact Shape Evolution During the Synthesis of Ag Nanostructures. <i>Journal of the American Chemical Society</i> , 2021, 143, 184-195.	13.7	21
2	Influence of DIBMA Polymer Length on Lipid Nanodisc Formation and Membrane Protein Extraction. <i>Biomacromolecules</i> , 2021, 22, 763-772.	5.4	20
3	Linear Dichroism Activity of Chiral Poly(<i>p</i> -Aryltriazole) Foldamers. <i>ACS Omega</i> , 2021, 6, 33231-33237.	3.5	2
4	Facile Route to Targeted, Biodegradable Polymeric Prodrugs for the Delivery of Combination Therapy for Malaria. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6217-6227.	5.2	8
5	Iterative RAFT-Mediated Copolymerization of Styrene and Maleic Anhydride toward Sequence- and Length-Controlled Copolymers and Their Applications for Solubilizing Lipid Membranes. <i>Biomacromolecules</i> , 2020, 21, 3287-3300.	5.4	27
6	Poly(<i>N</i> -vinylpyrrolidone) Antimalaria Conjugates of Membrane-Disruptive Peptides. <i>Biomacromolecules</i> , 2020, 21, 5053-5066.	5.4	5
7	Synthesis, Structure, and Crystallization Behavior of Amphiphilic Heteroarm Molecular Brushes with Crystallizable Poly(ethylene oxide) and <i>n</i> -Alkyl Side Chains. <i>Macromolecules</i> , 2020, 53, 1585-1595.	4.8	18
8	Biological Membrane Solubilization by Styrene-Maleic Acid Copolymers: Importance of Polymer Length. <i>Biophysical Journal</i> , 2019, 116, 82a.	0.5	0
9	Thermoresponsive behavior of poly(3-methylene-2-pyrrolidone) derivatives. <i>European Polymer Journal</i> , 2019, 112, 714-721.	5.4	4
10	Synthesis and characterization of liquid molecular brush binder for coating applications. <i>European Polymer Journal</i> , 2018, 102, 178-186.	5.4	1
11	Synthesis and Cell Interaction of Statistical l-Arginine-Glycine-l-Aspartic Acid Terpolypeptides. <i>Biomacromolecules</i> , 2018, 19, 3058-3066.	5.4	2
12	Improving the Kinetic Hydrate Inhibition Performance of 3-Methylene-2-pyrrolidone Polymers by <i>N</i> -Alkylation, Ring Expansion, and Copolymerization. <i>Energy & Fuels</i> , 2018, 32, 12337-12344.	5.1	23
13	Phosphazene base promoted anionic polymerization of <i>n</i> -butyraldehyde. <i>European Polymer Journal</i> , 2017, 93, 97-102.	5.4	15
14	First Study of Poly(3-methylene-2-pyrrolidone) as a Kinetic Hydrate Inhibitor. <i>Energy & Fuels</i> , 2017, 31, 13572-13577.	5.1	13
15	Simulation studies of the discrete semi-batch RAFT-mediated polymerization of styrene using a RAFT agent with relatively poor leaving group. <i>European Polymer Journal</i> , 2017, 95, 596-605.	5.4	4
16	Synthesis, Characterization, and Evaluation of Cytotoxicity of Poly(3-methylene-2-pyrrolidone). <i>Biomacromolecules</i> , 2016, 17, 1795-1800.	5.4	11
17	Synthesis of β -heterotelechelic PVP for bioconjugation, via a one-pot orthogonal end-group modification procedure. <i>Polymer Chemistry</i> , 2016, 7, 6450-6456.	3.9	17
18	Smart block copolymers of PVP and an alkylated PVP derivative: synthesis, characterization, thermoresponsive behaviour and self-assembly. <i>Polymer Chemistry</i> , 2016, 7, 1138-1146.	3.9	13

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19	Improved control through a semi-batch process in RAFT-mediated polymerization utilizing relatively poor leaving groups. <i>Polymer Chemistry</i> , 2015, 6, 7945-7948.	3.9	14
20	Templated Hierarchical Self-Assembly of Poly(<i>N</i> -acryltriazole) Foldamers. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11040-11044.	13.8	32
21	Triazole-Based Leaving Group for RAFT-Mediated Polymerization Synthesized via the Cu-Mediated Huisgen 1,3-Dipolar Cycloaddition Reaction. <i>Macromolecules</i> , 2009, 42, 3014-3018.	4.8	30
22	Unexpected reactions associated with the xanthate-mediated polymerization of <i>N</i> -vinylpyrrolidone. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6575-6593.	2.3	87