Rueben Pfukwa

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4701468/publications.pdf

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22	376	759233	794594
papers	citations	12 h-index	19 g-index

25	25	25	554
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unexpected reactions associated with the xanthateâ€mediated polymerization of Nâ€vinylpyrrolidone. Journal of Polymer Science Part A, 2008, 46, 6575-6593.	2.3	87
2	Templated Hierarchical Selfâ€Assembly of Poly(pâ€aryltriazole) Foldamers. Angewandte Chemie - International Edition, 2013, 52, 11040-11044.	13.8	32
3	Triazole-Based Leaving Group for RAFT-Mediated Polymerization Synthesized via the Cu-Mediated Huisgen 1,3-Dipolar Cycloaddition Reaction. Macromolecules, 2009, 42, 3014-3018.	4.8	30
4	Iterative RAFT-Mediated Copolymerization of Styrene and Maleic Anhydride toward Sequence- and Length-Controlled Copolymers and Their Applications for Solubilizing Lipid Membranes. Biomacromolecules, 2020, 21, 3287-3300.	5.4	27
5	Improving the Kinetic Hydrate Inhibition Performance of 3-Methylene-2-pyrrolidone Polymers by N-Alkylation, Ring Expansion, and Copolymerization. Energy & Fuels, 2018, 32, 12337-12344.	5.1	23
6	Chemical Identity of Poly(N-vinylpyrrolidone) End Groups Impact Shape Evolution During the Synthesis of Ag Nanostructures. Journal of the American Chemical Society, 2021, 143, 184-195.	13.7	21
7	Influence of DIBMA Polymer Length on Lipid Nanodisc Formation and Membrane Protein Extraction. Biomacromolecules, 2021, 22, 763-772.	5.4	20
8	Synthesis, Structure, and Crystallization Behavior of Amphiphilic Heteroarm Molecular Brushes with Crystallizable Poly(ethylene oxide) and n-Alkyl Side Chains. Macromolecules, 2020, 53, 1585-1595.	4.8	18
9	Synthesis of Î±,Ï‰-heterotelechelic PVP for bioconjugation, via a one-pot orthogonal end-group modification procedure. Polymer Chemistry, 2016, 7, 6450-6456.	3.9	17
10	Phosphazene base promoted anionic polymerization of n-butyraldehyde. European Polymer Journal, 2017, 93, 97-102.	5.4	15
11	Improved control through a semi-batch process in RAFT-mediated polymerization utilizing relatively poor leaving groups. Polymer Chemistry, 2015, 6, 7945-7948.	3.9	14
12	Smart block copolymers of PVP and an alkylated PVP derivative: synthesis, characterization, thermoresponsive behaviour and self-assembly. Polymer Chemistry, 2016, 7, 1138-1146.	3.9	13
13	First Study of Poly(3-methylene-2-pyrrolidone) as a Kinetic Hydrate Inhibitor. Energy & Fuels, 2017, 31, 13572-13577.	5.1	13
14	Synthesis, Characterization, and Evaluation of Cytotoxicity of Poly(3-methylene-2-pyrrolidone). Biomacromolecules, 2016, 17, 1795-1800.	5.4	11
15	Facile Route to Targeted, Biodegradable Polymeric Prodrugs for the Delivery of Combination Therapy for Malaria. ACS Biomaterials Science and Engineering, 2020, 6, 6217-6227.	5.2	8
16	Poly(N-vinylpyrrolidone) Antimalaria Conjugates of Membrane-Disruptive Peptides. Biomacromolecules, 2020, 21, 5053-5066.	5.4	5
17	Thermoresponsive behavior of poly(3-methylene-2-pyrrolidone) derivatives. European Polymer Journal, 2019, 112, 714-721.	5.4	4
18	Simulation studies of the discrete semi-batch RAFTâ€“mediated polymerization of styrene using a RAFT agent with relatively poor leaving group. European Polymer Journal, 2017, 95, 596-605.	5.4	4

#	Article	IF	Citations
19	Synthesis and Cell Interaction of Statistical l-Arginineâ€“Glycineâ€“l-Aspartic Acid Terpolypeptides. Biomacromolecules, 2018, 19, 3058-3066.	5.4	2
20	Linear Dichroism Activity of Chiral Poly(p-Aryltriazole) Foldamers. ACS Omega, 2021, 6, 33231-33237.	3.5	2
21	Synthesis and characterization of liquid molecular brush binder for coating applications. European Polymer Journal, 2018, 102, 178-186.	5.4	1
22	Biological Membrane Solubilization by Styrene-Maleic Acid Copolymers: Importance of Polymer Length. Biophysical Journal, 2019, 116, 82a.	0.5	0