

Ozcan Altintas

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,452
citations

430754

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642610

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docs citations

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times ranked

1404
citing authors

#	ARTICLE	IF	CITATIONS
1	Single Chain Folding of Synthetic Polymers by Covalent and Non-Covalent Interactions: Current Status and Future Perspectives. <i>Macromolecular Rapid Communications</i> , 2012, 33, 958-971.	2.0	240
2	Single-Chain Folding of Synthetic Polymers: A Critical Update. <i>Macromolecular Rapid Communications</i> , 2016, 37, 29-46.	2.0	196
3	Constructing star polymers via modular ligation strategies. <i>Polymer Chemistry</i> , 2012, 3, 34-45.	1.9	138
4	Rapid Bonding/Debonding on Demand: Reversibly Cross-Linked Functional Polymers via Diels-Alder Chemistry. <i>Macromolecules</i> , 2010, 43, 5515-5520.	2.2	134
5	Bioinspired dual self-folding of single polymer chains via reversible hydrogen bonding. <i>Polymer Chemistry</i> , 2012, 3, 640-651.	1.9	111
6	Pd-complex driven formation of single-chain nanoparticles. <i>Polymer Chemistry</i> , 2015, 6, 4358-4365.	1.9	90
7	Single chain self-assembly: preparation of π -donor-acceptor chains via living radical polymerization and orthogonal conjugation. <i>Chemical Communications</i> , 2010, 46, 6291.	2.2	75
8	Stepwise Unfolding of Single-Chain Nanoparticles by Chemically Triggered Gates. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11276-11280.	7.2	72
9	Star and miktoarm star block (co)polymers via self-assembly of ATRP generated polymer segments featuring Hamilton wedge and cyanuric acid binding motifs. <i>Polymer Chemistry</i> , 2011, 2, 1146-1155.	1.9	51
10	Single chain self-assembly of well-defined heterotelechelic polymers generated by ATRP and click chemistry revisited. <i>Journal of Polymer Science Part A</i> , 2011, 49, 2566-2576.	2.5	50
11	Synthesis of star and H-shape polymers via a combination of cobalt-mediated radical polymerization and nitron-mediated radical coupling reactions. <i>Polymer Chemistry</i> , 2012, 3, 135-147.	1.9	40
12	Macromolecular Surface Design: Photopatterning of Functional Stable Nitrile Oxides. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5777-5783.	7.2	37
13	Selective dispersion of single-walled carbon nanotubes via easily accessible conjugated click polymers. <i>Polymer Chemistry</i> , 2012, 3, 1966.	1.9	29
14	Facile Preparation of Supramolecular H-Shaped (Ter)polymers via Multiple Hydrogen Bonding. <i>ACS Macro Letters</i> , 2013, 2, 211-216.	2.3	28
15	Nitron-mediated radical coupling reactions: a new synthetic tool exemplified on dendrimer synthesis. <i>Chemical Communications</i> , 2011, 47, 5491-5493.	2.2	27
16	Entropy-Driven Selectivity for Chain Scission: Where Macromolecules Cleave. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1514-1518.	7.2	25
17	Stability of star-shaped RAFT polystyrenes under mechanical and thermal stress. <i>Polymer Chemistry</i> , 2014, 5, 5009-5019.	1.9	20
18	Combining Modular Ligation and Supramolecular Self-Assembly for the Construction of Star-Shaped Macromolecules. <i>Macromolecular Rapid Communications</i> , 2012, 33, 977-983.	2.0	19

#	ARTICLE	IF	CITATIONS
19	ATRP-based polymers with modular ligation points under thermal and thermomechanical stress. <i>Polymer Chemistry</i> , 2015, 6, 2854-2868.	1.9	18
20	Straightforward synthesis of model polystyrene- <i>block</i> -poly(vinyl alcohol) diblock polymers. <i>Polymer Chemistry</i> , 2018, 9, 4243-4250.	1.9	18
21	A Sunlight-Induced Click Reaction as an Efficient Route to Cyclic Aliphatic Polyesters. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1227-1234.	1.1	16
22	Ready access to end-functional polystyrenes via a combination of ARGET ATRP and thiol-ene chemistry. <i>Polymer Chemistry</i> , 2015, 6, 6931-6935.	1.9	12
23	Macromol. Rapid Commun. 1/2014. <i>Macromolecular Rapid Communications</i> , 2014, 35, 44-44.	2.0	0