

Mohammad Divandari

List of Publications by Year in descending order

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687363

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citing authors

#	ARTICLE	IF	CITATIONS
1	Topological Polymer Chemistry Enters Surface Science: Linear versus Cyclic Polymer Brushes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15583-15588.	13.8	149
2	Topology Effects on the Structural and Physicochemical Properties of Polymer Brushes. <i>Macromolecules</i> , 2017, 50, 7760-7769.	4.8	86
3	Design and characterization of ultrastable, biopassive and lubricious cyclic poly(2-alkyl-2-oxazoline) brushes. <i>Polymer Chemistry</i> , 2018, 9, 2580-2589.	3.9	56
4	Loops and Cycles at Surfaces: The Unique Properties of Topological Polymer Brushes. <i>Chemistry - A European Journal</i> , 2017, 23, 12433-12442.	3.3	55
5	The Role of Cu ⁰ in Surface-Initiated Atom Transfer Radical Polymerization: Tuning Catalyst Dissolution for Tailoring Polymer Interfaces. <i>Macromolecules</i> , 2018, 51, 6825-6835.	4.8	44
6	Surface Density Variation within Cyclic Polymer Brushes Reveals Topology Effects on Their Nanotribological and Biopassive Properties. <i>ACS Macro Letters</i> , 2018, 7, 1455-1460.	4.8	39
7	Understanding the effect of hydrophobic protecting blocks on the stability and biopassivity of polymer brushes in aqueous environments: A Tiramis� for cell-culture applications. <i>Polymer</i> , 2016, 98, 470-480.	3.8	33
8	Surface-grafted assemblies of cyclic polymers: Shifting between high friction and extreme lubricity. <i>European Polymer Journal</i> , 2019, 110, 301-306.	5.4	33
9	Controlling Enzymatic Polymerization from Surfaces with Switchable Bioaffinity. <i>Biomacromolecules</i> , 2017, 18, 4261-4270.	5.4	31
10	Topological Polymer Chemistry Enters Surface Science: Linear versus Cyclic Polymer Brushes. <i>Angewandte Chemie</i> , 2016, 128, 15812-15817.	2.0	27
11	Effects of Lateral Deformation by Thermoresponsive Polymer Brushes on the Measured Friction Forces. <i>Langmuir</i> , 2017, 33, 4164-4171.	3.5	22
12	Modulation of Surface-Initiated ATRP by Confinement: Mechanism and Applications. <i>Macromolecules</i> , 2017, 50, 5711-5718.	4.8	21
13	Synthesis of Polymers Containing Potassium Acyltrifluoroborates (KATs) and Post�polymerization Ligation and Conjugation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14656-14663.	13.8	18
14	ATR-IR Investigation of Solvent Interactions with Surface-Bound Polymers. <i>Langmuir</i> , 2016, 32, 7588-7595.	3.5	11
15	<i>In situ</i> monitoring of SI-ATRP throughout multiple reinitiations under flow by means of a quartz crystal microbalance. <i>RSC Advances</i> , 2018, 8, 20048-20055.	3.6	9
16	Synthesis of Polymers Containing Potassium Acyltrifluoroborates (KATs) and Post�polymerization Ligation and Conjugation. <i>Angewandte Chemie</i> , 2020, 132, 14764-14771.	2.0	5
17	Applying an Oleophobic/Hydrophobic Fluorinated Polymer Monolayer Coating from Aqueous Solutions. <i>Langmuir</i> , 2021, 37, 4387-4394.	3.5	4
18	Titelbild: Topological Polymer Chemistry Enters Surface Science: Linear versus Cyclic Polymer Brushes (<i>Angew. Chem.</i> 50/2016). <i>Angewandte Chemie</i> , 2016, 128, 15671-15671.	2.0	1

#	ARTICLE	IF	CITATIONS
19	Biocatalytic ATRP in solution and on surfaces. <i>Methods in Enzymology</i> , 2019, 627, 263-290.	1.0	1
20	Frontispiece: Loops and Cycles at Surfaces: The Unique Properties of Topological Polymer Brushes. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0