

Joanna Burdyńska

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,129
citations

687363

13
h-index

1058476

14
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all docs

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docs citations

15
times ranked

1571
citing authors

#	ARTICLE	IF	CITATIONS
1	Wear Protection without Surface Modification Using a Synergistic Mixture of Molecular Brushes and Linear Polymers. <i>ACS Nano</i> , 2017, 11, 1762-1769.	14.6	58
2	Bottlebrush-Guided Polymer Crystallization Resulting in Supersoft and Reversibly Moldable Physical Networks. <i>Macromolecules</i> , 2017, 50, 2103-2111.	4.8	38
3	Sonication-induced scission of molecular bottlebrushes: Implications of the "hair" architecture. <i>Polymer</i> , 2016, 84, 178-184.	3.8	28
4	Solvent-free, supersoft and superelastic bottlebrush melts and networks. <i>Nature Materials</i> , 2016, 15, 183-189.	27.5	428
5	Molecular Bottlebrushes with Bimodal Length Distribution of Side Chains. <i>Macromolecules</i> , 2015, 48, 4813-4822.	4.8	31
6	Bioinspired Bottle-Brush Polymer Exhibits Low Friction and Amontons-like Behavior. <i>Journal of the American Chemical Society</i> , 2014, 136, 6199-6202.	13.7	234
7	Synthesis and Arm Dissociation in Molecular Stars with a Spoked Wheel Core and Bottlebrush Arms. <i>Journal of the American Chemical Society</i> , 2014, 136, 12762-12770.	13.7	39
8	Shifting Electronic Structure by Inherent Tension in Molecular Bottlebrushes with Polythiophene Backbones. <i>ACS Macro Letters</i> , 2014, 3, 738-742.	4.8	16
9	Synthesis of High Molecular Weight Polymethacrylates with Polyhedral Oligomeric Silsesquioxane Moieties by Atom Transfer Radical Polymerization. <i>ACS Macro Letters</i> , 2014, 3, 799-802.	4.8	34
10	Star Synthesis Using Macroinitiators <i>via</i> Electrochemically Mediated Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2013, 46, 5856-5860.	4.8	65
11	Activators Regenerated by Electron Transfer Atom Transfer Radical Polymerization in Miniemulsion with 50 ppm of Copper Catalyst. <i>ACS Macro Letters</i> , 2013, 2, 822-825.	4.8	28
12	How Far Can We Push Polymer Architectures?. <i>Journal of the American Chemical Society</i> , 2013, 135, 11421-11424.	13.7	89
13	Active Ligand for Low PPM Miniemulsion Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2012, 45, 7356-7363.	4.8	39
14	New Methodology for the Differentiation of the Primary Hydroxyl Groups in 2,3,4,6-Tetra-O-Benzylsucrose: Convenient Approach to Sucrose Monophosphines. <i>Journal of Carbohydrate Chemistry</i> , 2010, 29, 403-415.	1.1	2