

David J Lunn

List of Publications by Year in descending order

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28
papers

2,407
citations

331259

21
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500791

28
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29
all docs

29
docs citations

29
times ranked

3058
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-responsive hydrogel structures from patterned droplet networks. <i>Nature Chemistry</i> , 2020, 12, 363-371.	6.6	148
2	DNA-Inspired Strand-Exchange for Switchable PMMA-Based Supramolecular Morphologies. <i>Journal of the American Chemical Society</i> , 2019, 141, 2630-2635.	6.6	16
3	Scalable synthesis of an architectural library of well-defined poly(acrylic acid) derivatives: Role of structure on dispersant performance. <i>Journal of Polymer Science Part A</i> , 2019, 57, 716-725.	2.5	18
4	PET-CRAFT as a facile strategy for preparing functional lipid-polymer conjugates. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1259-1268.	2.5	19
5	Structure of the Crystalline Core of Fiber-like Polythiophene Block Copolymer Micelles. <i>Macromolecules</i> , 2018, 51, 3097-3106.	2.2	21
6	Dual-pathway chain-end modification of RAFT polymers using visible light and metal-free conditions. <i>Chemical Communications</i> , 2017, 53, 1888-1891.	2.2	41
7	Engineering live cell surfaces with functional polymers via cytocompatible controlled radical polymerization. <i>Nature Chemistry</i> , 2017, 9, 537-545.	6.6	353
8	Light-Mediated Atom Transfer Radical Polymerization of Semi-Fluorinated (Meth)acrylates: Facile Access to Functional Materials. <i>Journal of the American Chemical Society</i> , 2017, 139, 5939-5945.	6.6	121
9	A di-tert-butyl acrylate monomer for controlled radical photopolymerization. <i>Journal of Polymer Science Part A</i> , 2017, 55, 801-807.	2.5	7
10	Practical Chain-End Reduction of Polymers Obtained with ATRP. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700107.	1.1	13
11	Established and emerging strategies for polymer chain-end modification. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2903-2914.	2.5	78
12	Dimensional Control and Morphological Transformations of Supramolecular Polymeric Nanofibers Based on Cofacially-Stacked Planar Amphiphilic Platinum(II) Complexes. <i>ACS Nano</i> , 2017, 11, 9162-9175.	7.3	99
13	Desulfurization-bromination: direct chain-end modification of RAFT polymers. <i>Polymer Chemistry</i> , 2017, 8, 7188-7194.	1.9	16
14	Versatile and controlled functionalization of polyferrocenylsilane-polyvinylsiloxane block copolymers using a hydroxysuccinimidyl ester strategy. <i>Journal of Polymer Science Part A</i> , 2016, 54, 245-252.	2.5	9
15	Microfibres and macroscopic films from the coordination-driven hierarchical self-assembly of cylindrical micelles. <i>Nature Communications</i> , 2016, 7, 12371.	5.8	43
16	Monodisperse Cylindrical Micelles and Block Comicelles of Controlled Length in Aqueous Media. <i>Journal of the American Chemical Society</i> , 2016, 138, 4484-4493.	6.6	90
17	Self-assembly of patchy-nanoparticles: a versatile approach to functional hierarchical materials. <i>Chemical Science</i> , 2015, 6, 3663-3673.	3.7	124
18	Transformation and patterning of supermicelles using dynamic holographic assembly. <i>Nature Communications</i> , 2015, 6, 10009.	5.8	38

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19	Length control of supramolecular polymeric nanofibers based on stacked planar platinum(<i>scp</i>) complexes by seeded-growth. <i>Chemical Communications</i> , 2015, 51, 15921-15924.	2.2	122
20	Colour-tunable fluorescent multiblock micelles. <i>Nature Communications</i> , 2014, 5, 3372.	5.8	243
21	Uniform, High Aspect Ratio Fiber-like Micelles and Block Co-micelles with a Crystalline π -Conjugated Polythiophene Core by Self-Seeding. <i>Journal of the American Chemical Society</i> , 2014, 136, 4121-4124.	6.6	181
22	Gradient Crystallization-Driven Self-Assembly: Cylindrical Micelles with π -Patchy-Segmented Coronas via the Coassembly of Linear and Brush Block Copolymers. <i>Journal of the American Chemical Society</i> , 2014, 136, 13835-13844.	6.6	94
23	Dimensional Control of Block Copolymer Nanofibers with a π -Conjugated Core: Crystallization-Driven Solution Self-Assembly of Amphiphilic Poly(3-hexylthiophene)- <i>b</i> -poly(2-vinylpyridine). <i>Chemistry - A European Journal</i> , 2013, 19, 9186-9197.	1.7	91
24	Controlled thiol-ene post-polymerization reactions on polyferrocenylsilane homopolymers and block copolymers. <i>Polymer Chemistry</i> , 2013, 4, 2353.	1.9	24
25	Modular Synthesis of Polyferrocenylsilane Block Copolymers by Cu-Catalyzed Alkyne/Azide π -Click Reactions. <i>Macromolecules</i> , 2013, 46, 1296-1304.	2.2	39
26	Controlled Thiol-ene Functionalization of Polyferrocenylsilane- <i>b</i> -Polyvinylsiloxane Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 2813-2820.	1.1	29
27	Fiber-like Micelles via the Crystallization-Driven Solution Self-Assembly of Poly(3-hexylthiophene)- <i>b</i> -Poly(methyl methacrylate) Copolymers. <i>Macromolecules</i> , 2012, 45, 5806-5815.	2.2	95
28	Cylindrical Micelles of Controlled Length with a π -Conjugated Polythiophene Core via Crystallization-Driven Self-Assembly. <i>Journal of the American Chemical Society</i> , 2011, 133, 8842-8845.	6.6	235