Clare S Mahon

List of Publications by Year
in descending order

23 papers	1,263 citations	623734 14 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	1222 citing authors

#	Article	IF	Citations
1	Pharmaceutical pollution of the worldâ€™s rivers. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	495
2	Thermoresponsive Dynamic Covalent Singleâ€Chain Polymer Nanoparticles Reversibly Transform into a Hydrogel. Angewandte Chemie - International Edition, 2013, 52, 956-959.	13.8	134
3	Synthesis and Applications of Compartmentalised Molecular Polymer Brushes. Angewandte Chemie - International Edition, 2018, 57, 6982-6994.	13.8	127
4	Mimicking nature with synthetic macromolecules capable of recognition. Nature Chemistry, 2014, 6, 665-672.	13.6	122
5	Templating a polymer-scaffolded dynamic combinatorial library. Chemical Communications, 2011, 47, 7209.	4.1	40
6	Selfâ€Assembled Supramolecular Hybrid Hydrogel Beads Loaded with Silver Nanoparticles for Antimicrobial Applications. Chemistry - A European Journal, 2020, 26, 8452-8457.	3.3	37
7	Macromolecular Optical Sensor Arrays. ACS Applied Polymer Materials, 2021, 3, 506-530.	4.4	35
8	Reactive thermoresponsive copolymer scaffolds. Chemical Communications, 2010, 46, 8651.	4.1	34
9	Polymer Nanowires with Highly Precise Internal Morphology and Topography. Journal of the American Chemical Society, 2018, 140, 12736-12740.	13.7	33
10	Templation-induced re-equilibration in polymer-scaffolded dynamic combinatorial libraries leads to enhancements in binding affinities. Chemical Science, 2013, 4, 3661.	7.4	30
11	Templating carbohydrate-functionalised polymer-scaffolded dynamic combinatorial libraries with lectins. Organic and Biomolecular Chemistry, 2015, 13, 2756-2761.	2.8	29
12	Molecular Recognitionâ€Mediated Transformation of Singleâ€Chain Polymer Nanoparticles into Crosslinked Polymer Films. Angewandte Chemie - International Edition, 2017, 56, 12913-12918.	13.8	25
13	Investigating templating within Polymer-Scaffolded Dynamic Combinatorial Libraries. Polymer Chemistry, 2013, 4, 368-377.	3.9	16
14	Shaping and Patterning Supramolecular Materialsâ”€Stem Cell-Compatible Dual-Network Hybrid Gels Loaded with Silver Nanoparticles. ACS Biomaterials Science and Engineering, 2022, 8, 1829-1840.	5.2	16
15	Glucose-bearing biodegradable poly(amino acid) and poly(amino acid)-poly(ester) conjugates for controlled payload release. Biomaterials Science, 2016, 4, 1792-1801.	5.4	13
16	Synthese und Anwendung von kompartimentierten molekularen PolymerbÃ¼rsten. Angewandte Chemie, 2018, 130, 7100-7113.	2.0	12
17	Cylindrical Zwitterionic Particles via Interpolyelectrolyte Complexation on Molecular Polymer Brushes. Macromolecular Rapid Communications, 2021, 42, e2000401.	3.9	9
18	A Regenerable Biosensing Platform for Bacterial Toxins. Biomacromolecules, 2021, 22, 441-453.	5.4	8

#	Article	IF	Citations
19	A â€˜catch-and-releaseâ€™ receptor for the cholera toxin. Faraday Discussions, 2019, 219, 112-127.	3.2	7
20	Glycomacromolecules: Addressing challenges in drug delivery and therapeutic development. Advanced Drug Delivery Reviews, 2021, 171, 77-93.	13.7	6
21	Molecular Recognitionâ€Mediated Transformation of Singleâ€Chain Polymer Nanoparticles into Crosslinked Polymer Films. Angewandte Chemie, 2017, 129, 13093-13098.	2.0	3
22	A Tale of Two Bioconjugations: pH Controlled Divergent Reactivity of Protein Î±-oxo-Aldehydes in Competing Î±-oxo-Mannich and Catalyst-Free Aldol Ligations. ACS Chemical Biology, 2021, 16, 2387-2400.	3.4	3
23	Engineering Protective Polymer Coatings for Liver Microtissues. Chemical Research in Toxicology, 2019, 32, 49-56.	3.3	1