

# Alan E Rowan

## List of Publications by Year in descending order

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297  
papers

20,014  
citations

10986

71  
h-index

13379

130  
g-index

328  
all docs

328  
docs citations

328  
times ranked

19022  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembled Nanoreactors. <i>Chemical Reviews</i> , 2005, 105, 1445-1490.	47.7	1,395
2	Chiral Architectures from Macromolecular Building Blocks. <i>Chemical Reviews</i> , 2001, 101, 4039-4070.	47.7	857
3	Molecular Materials by Self-Assembly of Porphyrins, Phthalocyanines, and Perylenes. <i>Advanced Materials</i> , 2006, 18, 1251-1266.	21.0	642
4	Mastering molecular matter. Supramolecular architectures by hierarchical self-assembly. <i>Journal of Materials Chemistry</i> , 2003, 13, 2661-2670.	6.7	456
5	Helical Molecular Programming. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 63-68.	13.8	450
6	Responsive biomimetic networks from polyisocyanopeptide hydrogels. <i>Nature</i> , 2013, 493, 651-655.	27.8	441
7	A virus-based single-enzyme nanoreactor. <i>Nature Nanotechnology</i> , 2007, 2, 635-639.	31.5	406
8	Epoxidation of polybutadiene by a topologically linked catalyst. <i>Nature</i> , 2003, 424, 915-918.	27.8	401
9	Positional Assembly of Enzymes in Polymersome Nanoreactors for Cascade Reactions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7378-7382.	13.8	391
10	Vesicles and Polymerized Vesicles from Thiophene-Containing Rod-Coil Block Copolymers. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 772-776.	13.8	322
11	Stress-stiffening-mediated stem-cell commitment switch in soft responsive hydrogels. <i>Nature Materials</i> , 2016, 15, 318-325.	27.5	319
12	Macroscopic Hierarchical Surface Patterning of Porphyrin Trimers via Self-Assembly and Dewetting. <i>Science</i> , 2006, 314, 1433-1436.	12.6	311
13	beta-Helical Polymers from Isocyanopeptides. <i>Science</i> , 2001, 293, 676-680.	12.6	290
14	Stretched exponential decay and correlations in the catalytic activity of fluctuating single lipase molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2368-2372.	7.1	273
15	Functional interlocked systems. <i>Chemical Society Reviews</i> , 2014, 43, 99-122.	38.1	265
16	Molecular and Supramolecular Objects from Glycoluril. <i>Accounts of Chemical Research</i> , 1999, 32, 995-1006.	15.6	254
17	Bionanoconjugation via Click Chemistry: The Creation of Functional Hybrids of Lipases and Gold Nanoparticles. <i>Bioconjugate Chemistry</i> , 2006, 17, 1373-1375.	3.6	239
18	Lipase Polystyrene Giant Amphiphiles. <i>Journal of the American Chemical Society</i> , 2002, 124, 4224-4225.	13.7	226

#	ARTICLE	IF	CITATIONS
19	Helical poly(isocyanides): past, present and future. <i>Polymer Chemistry</i> , 2011, 2, 33-47.	3.9	224
20	Transfection Mediated by Gemini Surfactants: Engineered Escape from the Endosomal Compartment. <i>Journal of the American Chemical Society</i> , 2003, 125, 1551-1558.	13.7	222
21	Preparation of biohybrid amphiphiles via the copper catalysed Huisgen [3 + 2] dipolar cycloaddition reaction. <i>Chemical Communications</i> , 2005, , 4172.	4.1	201
22	From simple to supramolecular cytochrome P450 mimics. <i>Chemical Society Reviews</i> , 2000, 29, 375-384.	38.1	197
23	Real-time single-molecule imaging of oxidation catalysis at a liquid–solid interface. <i>Nature Nanotechnology</i> , 2007, 2, 285-289.	31.5	189
24	Ultra-responsive soft matter from strain-stiffening hydrogels. <i>Nature Communications</i> , 2014, 5, 5808.	12.8	186
25	Single-Enzyme Kinetics of CALB-Catalyzed Hydrolysis. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 560-564.	13.8	177
26	Donor–Acceptor Phthalocyanine Nanoaggregates. <i>Journal of the American Chemical Society</i> , 2003, 125, 12300-12308.	13.7	170
27	Synthesis and Recognition Properties of Aromatic Amide Oligomers: Molecular Zippers. <i>Journal of the American Chemical Society</i> , 2000, 122, 8856-8868.	13.7	162
28	Triazole: a unique building block for the construction of functional materials. <i>Chemical Communications</i> , 2011, 47, 8740.	4.1	152
29	Catalytic capsids: the art of confinement. <i>Chemical Science</i> , 2011, 2, 358-362.	7.4	147
30	Organogel formation and molecular imprinting by functionalized gluconamides and their metal complexes. <i>Chemical Communications</i> , 1997, , 545-546.	4.1	140
31	Rhodium-Mediated Stereoselective Polymerization of $\alpha$ -Carbenes. <i>Journal of the American Chemical Society</i> , 2006, 128, 9746-9752.	13.7	132
32	Hexakis Porphyrinato Benzenes. A New Class of Porphyrin Arrays. <i>Journal of the American Chemical Society</i> , 1998, 120, 11054-11060.	13.7	131
33	Binding Features of Molecular Clips. Separation of the Effects of Hydrogen Bonding and $\pi$ - $\pi$ Interactions. <i>Journal of the American Chemical Society</i> , 1997, 119, 9956-9964.	13.7	127
34	Enzymes containing porous polymersomes as nano reaction vessels for cascade reactions. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4315.	2.8	126
35	Binding of Porphyrins in Cyclodextrin Dimers. <i>Journal of the American Chemical Society</i> , 1996, 118, 257-258.	13.7	122
36	Self-Assembled Organic Microfibers for Nonlinear Optics. <i>Advanced Materials</i> , 2013, 25, 2084-2089.	21.0	119

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37	A virus-based biocatalyst. <i>Nature Nanotechnology</i> , 2007, 2, 226-229.	31.5	115
38	Macromolecular multi-chromophoric scaffolding. <i>Chemical Society Reviews</i> , 2010, 39, 1576.	38.1	113
39	Interfacial Activation of <i>Candida antarctica</i> Lipase B: Combined Evidence from Experiment and Simulation. <i>Biochemistry</i> , 2015, 54, 5969-5979.	2.5	112
40	Chiral molecular tapes from novel tetra(thiafulvalene-crown-ether)-substituted phthalocyanine building blocks. <i>Chemical Communications</i> , 2005, , 1255-1257.	4.1	111
41	LCD alignment layers. Controlling nematic domain properties. <i>Journal of Materials Chemistry</i> , 2006, 16, 1305-1314.	6.7	111
42	Mechanism of Threading a Polymer Through a Macrocyclic Ring. <i>Science</i> , 2008, 322, 1668-1671.	12.6	110
43	Interlaboratory round robin on cantilever calibration for AFM force spectroscopy. <i>Ultramicroscopy</i> , 2011, 111, 1659-1669.	1.9	110
44	Detection of different oxidation states of individual manganese porphyrins during their reaction with oxygen at a solid/liquid interface. <i>Nature Chemistry</i> , 2013, 5, 621-627.	13.6	107
45	The mechanical microenvironment in cancer: How physics affects tumours. <i>Seminars in Cancer Biology</i> , 2015, 35, 62-70.	9.6	107
46	Investigation of Perylene Photonic Wires by Combined Single-Molecule Fluorescence and Atomic Force Microscopy. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4045-4049.	13.8	106
47	High Shape Persistence in Single Polymer Chains Rigidified with Lateral Hydrogen Bonded Networks. <i>Macromolecules</i> , 2002, 35, 5290-5294.	4.8	104
48	Helical Polymer-Anchored Porphyrin Nanorods. <i>Chemistry - A European Journal</i> , 2003, 9, 1775-1781.	3.3	103
49	Tuning Hydrogel Mechanics Using the Hofmeister Effect. <i>Advanced Functional Materials</i> , 2015, 25, 6503-6510.	14.9	102
50	Supramolecular Porphyrin Polymers in Solution and at the Solid-Liquid Interface. <i>Nano Letters</i> , 2008, 8, 253-259.	9.1	95
51	Porphyrin Clips Derived from Diphenylglycoluril. Synthesis, Conformational Analysis, and Binding Properties. <i>Journal of Organic Chemistry</i> , 1999, 64, 7009-7016.	3.2	93
52	Therapeutic nanoworms: towards novel synthetic dendritic cells for immunotherapy. <i>Chemical Science</i> , 2013, 4, 4168.	7.4	91
53	High-Efficiency Second-Harmonic Generation from Hybrid Light-Matter States. <i>Nano Letters</i> , 2016, 16, 7352-7356.	9.1	90
54	Thermosensitive biomimetic polyisocyanopeptide hydrogels may facilitate wound repair. <i>Biomaterials</i> , 2018, 181, 392-401.	11.4	90

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55	Porphyrin Macrocyclic Catalysts for the Processive Oxidation of Polymer Substrates. <i>Journal of the American Chemical Society</i> , 2010, 132, 1529-1531.	13.7	88
56	Self-Assembly and Manipulation of Crown Ether Phthalocyanines at the Gelâ€“Graphite Interface. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2348-2350.	13.8	85
57	The Relationship between Nanoscale Architecture and Function in Photovoltaic Multichromophoric Arrays as Visualized by Kelvin Probe Force Microscopy. <i>Journal of the American Chemical Society</i> , 2008, 130, 14605-14614.	13.7	85
58	Synthesis, Conformation, and Binding Properties of Cyclodextrin Homo- and Heterodimers Connected through Their Secondary Sides. <i>Chemistry - A European Journal</i> , 1998, 4, 2237-2250.	3.3	84
59	Highly Negative Homotropic Allosteric Binding of Viologens in a Double-Cavity Porphyrin. <i>Journal of the American Chemical Society</i> , 2003, 125, 1186-1187.	13.7	80
60	Aided Self-Assembly of Porphyrin Nanoaggregates into Ring-Shaped Architectures. <i>Chemistry - A European Journal</i> , 2004, 10, 831-839.	3.3	80
61	A Novel Modular Approach to Triazole-Functionalized Phthalocyanines Using Click Chemistry. <i>Journal of Organic Chemistry</i> , 2009, 74, 21-25.	3.2	79
62	Improved Performance of Perylene-Based Photovoltaic Cells Using Polyisocyanopeptide Arrays. <i>Macromolecules</i> , 2009, 42, 2023-2030.	4.8	78
63	A hostâ€“guest epoxidation catalyst with enhanced activity and stability. <i>Chemical Communications</i> , 2000, , 2443-2444.	4.1	77
64	Aggregation Induced Enhancement of Linear and Nonlinear Optical Emission from a Hexaphenylene Derivative. <i>Advanced Functional Materials</i> , 2016, 26, 8968-8977.	14.9	77
65	Ring Formation in Evaporating Porphyrin Derivative Solutions. <i>Langmuir</i> , 1999, 15, 3582-3588.	3.5	76
66	Dynamics of molecular self-ordering in tetraphenyl porphyrin monolayers on metallic substrates. <i>Nanotechnology</i> , 2009, 20, 275602.	2.6	75
67	Crosslinking of fibrous hydrogels. <i>Nature Communications</i> , 2018, 9, 2172.	12.8	75
68	Magnetic nanocellulose: A potential material for removal of dye from water. <i>Journal of Hazardous Materials</i> , 2020, 394, 122571.	12.4	75
69	Synthesis and single enzyme activity of a clicked lipaseâ€“BSA hetero-dimer. <i>Chemical Communications</i> , 2006, , 2012-2014.	4.1	73
70	Assemblies of perylene diimide derivatives with melamine into luminescent hydrogels. <i>Chemical Communications</i> , 2011, 47, 11858.	4.1	73
71	Mesostructure of Evaporated Porphyrin Thin Films:â€“ Porphyrin Wheel Formation. <i>Journal of Physical Chemistry B</i> , 1997, 101, 10588-10598.	2.6	72
72	Tunable Command Layers for Liquid Crystal Alignment. <i>Journal of the American Chemical Society</i> , 2005, 127, 11047-11052.	13.7	72

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73	Processive Catalysis. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11420-11428.	13.8	72
74	Synthetic Extracellular Matrices with Nonlinear Elasticity Regulate Cellular Organization. <i>Biomacromolecules</i> , 2019, 20, 826-834.	5.4	71
75	Scanning Probe Studies of Porphyrin Assemblies and Their Supramolecular Manipulation at a Solid-Liquid Interface. <i>Advanced Materials</i> , 2003, 15, 2070-2073.	21.0	70
76	Synthesis of Porphyrin-Containing [3]Rotaxanes by Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 650-654.	13.8	70
77	Electronic Transport Properties of Ensembles of Perylene-Substituted Polyisocyanopeptide Arrays. <i>Advanced Functional Materials</i> , 2008, 18, 3947-3955.	14.9	70
78	The enzyme mechanism of nitrite reductase studied at single-molecule level. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3250-3255.	7.1	70
79	Modeling the Impact of Microgravity at the Cellular Level: Implications for Human Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 96.	3.7	69
80	Self-assembled Architectures from Glycoluril. <i>Industrial &amp; Engineering Chemistry Research</i> , 2000, 39, 3419-3428.	3.7	68
81	Processive enzyme mimic: Kinetics and thermodynamics of the threading and sliding process. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19647-19651.	7.1	68
82	Electroformed Giant Vesicles from Thiophene-Containing Rod-Coil Diblock Copolymers. <i>Macromolecules</i> , 2004, 37, 4736-4739.	4.8	67
83	Do enzymes sleep and work?. <i>Chemical Communications</i> , 2006, , 935.	4.1	66
84	Helter-Skelter-Like Perylene Polyisocyanopeptides. <i>Chemistry - A European Journal</i> , 2009, 15, 2536-2547.	3.3	64
85	A clamp-like biohybrid catalyst for DNA oxidation. <i>Nature Chemistry</i> , 2013, 5, 945-951.	13.6	64
86	Organized Chromophoric Assemblies for Nonlinear Optical Materials: Towards (Sub)wavelength Scale Architectures. <i>Small</i> , 2015, 11, 1113-1129.	10.0	63
87	Cytoskeletal stiffening in synthetic hydrogels. <i>Nature Communications</i> , 2019, 10, 609.	12.8	63
88	From (bio)Molecules to Biohybrid Materials with the Click Chemistry Approach. <i>QSAR and Combinatorial Science</i> , 2007, 26, 1200-1210.	1.4	62
89	Vesicles and Polymerized Vesicles from Thiophene-Containing Rod-Coil Block Copolymers. <i>Angewandte Chemie</i> , 2003, 115, 796-800.	2.0	61
90	Muscovite mica: Flatter than a pancake. <i>Surface Science</i> , 2014, 619, 19-24.	1.9	61

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91	Nonlinear mechanics of hybrid polymer networks that mimic the complex mechanical environment of cells. <i>Nature Communications</i> , 2017, 8, 15478.	12.8	60
92	Injectable Biomimetic Hydrogels as Tools for Efficient T Cell Expansion and Delivery. <i>Frontiers in Immunology</i> , 2018, 9, 2798.	4.8	60
93	Hierarchical Self-Assembly of Amphiphilic Metallohosts To Give Discrete Nanostructures. <i>Journal of the American Chemical Society</i> , 2002, 124, 1532-1540.	13.7	58
94	Allosterically Driven Multicomponent Assembly. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4755-4759.	13.8	56
95	Synthesis and Characterization of Long Peryleneimide Polymer Fibers: From Bulk to the Single-Molecule Level. <i>Journal of Physical Chemistry B</i> , 2006, 110, 7803-7812.	2.6	55
96	Manganese Porphyrin Hosts as Epoxidation Catalysts – Activity and Stability Control by Axial Ligand Effects. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 751-757.	2.4	55
97	Dynamic Disorder in Single-Enzyme Experiments: Facts and Artifacts. <i>ACS Nano</i> , 2012, 6, 346-354.	14.6	55
98	Extended $\pi$ -conjugated ruthenium zinc porphyrin complexes with enhanced nonlinear-optical properties. <i>Chemical Communications</i> , 2015, 51, 2855-2858.	4.1	55
99	Biomimetic Networks with Enhanced Photodynamic Antimicrobial Activity from Conjugated Polythiophene/Polyisocyanide Hybrid Hydrogels. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2720-2724.	13.8	55
100	Liquid-Crystalline Physical Gels: Self-Aggregation of a Gluconamide Derivative in Mesogenic Molecules for the Formation of Anisotropic Functional Composites. <i>Chemistry of Materials</i> , 2000, 12, 440-443.	6.7	53
101	Polyisocyanopeptide hydrogels: A novel thermo-responsive hydrogel supporting pre-vascularization and the development of organotypic structures. <i>Acta Biomaterialia</i> , 2018, 70, 129-139.	8.3	53
102	Polarized Absorption and Emission of Ordered Self-Assembled Porphyrin Rings. <i>Nano Letters</i> , 2004, 4, 1401-1406.	9.1	52
103	The Relationship between Nanoscale Architecture and Charge Transport in Conjugated Nanocrystals Bridged by Multichromophoric Polymers. <i>Journal of the American Chemical Society</i> , 2009, 131, 7055-7063.	13.7	52
104	SFM Characterization of Poly(isocyanodipeptide) Single Polymer Chains in Controlled Environments: Effect of Tip Adhesion and Chain Swelling. <i>Macromolecules</i> , 2005, 38, 473-480.	4.8	49
105	A Portable and Efficient Solar Rechargeable Battery with Ultrafast Photocharge/Discharge Rate. <i>Advanced Energy Materials</i> , 2019, 9, 1900872.	19.5	49
106	Strong, Ultrafast, Reprogrammable Hydrogel Actuators with Muscle-Mimetic Aligned Fibrous Structures. <i>Chemistry of Materials</i> , 2021, 33, 7818-7828.	6.7	49
107	Self-association and self-assembly of molecular clips in solution and in the solid state. <i>Tetrahedron</i> , 2003, 59, 175-185.	1.9	48
108	Controlling T-Cell Activation with Synthetic Dendritic Cells Using the Multivalency Effect. <i>ACS Omega</i> , 2017, 2, 937-945.	3.5	48

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109	Dynamic combinatorial olefin metathesis: templated synthesis of porphyrin boxes. <i>Chemical Communications</i> , 2005, , 3535.	4.1	47
110	Processive Rotaxane Systems. Studies on the Mechanism and Control of the Threading Process. <i>Journal of the American Chemical Society</i> , 2007, 129, 5699-5702.	13.7	47
111	Single-Biomolecule Kinetics: The Art of Studying a Single Enzyme. <i>Annual Review of Analytical Chemistry</i> , 2010, 3, 319-340.	5.4	47
112	Bundle Formation in Biomimetic Hydrogels. <i>Biomacromolecules</i> , 2016, 17, 2642-2649.	5.4	47
113	Novel Cleft-Containing Porphyrins as Models for Studying Electron Transfer Processes. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 361-363.	4.4	46
114	Post-modification of helical dipeptido polyisocyanides using the "click"™ reaction. <i>Journal of Materials Chemistry</i> , 2008, 18, 5615.	6.7	46
115	Enantioselective binding of amino acids and amino alcohols by self-assembled chiral basket-shaped receptors. <i>Tetrahedron</i> , 2004, 60, 291-300.	1.9	45
116	Conformational analysis of dipeptide-derived polyisocyanides. <i>Journal of Polymer Science Part A</i> , 2003, 41, 1725-1736.	2.3	44
117	Triazole"pyridine ligands: a novel approach to chromophoric iridium arrays. <i>Journal of Materials Chemistry</i> , 2011, 21, 2104-2111.	6.7	44
118	Materials Nanoarchitectonics Using 2D Layered Materials: Recent Developments in the Intercalation Process. <i>Small</i> , 2018, 14, e1800551.	10.0	44
119	Polymer-Based Synthetic Dendritic Cells for Tailoring Robust and Multifunctional T Cell Responses. <i>ACS Chemical Biology</i> , 2015, 10, 485-492.	3.4	43
120	A universal approach for the synthesis of mesoporous gold, palladium and platinum films for applications in electrocatalysis. <i>Nature Protocols</i> , 2020, 15, 2980-3008.	12.0	43
121	DNA"Responsive Polyisocyanopeptide Hydrogels with Stress"Stiffening Capacity. <i>Advanced Functional Materials</i> , 2016, 26, 9075-9082.	14.9	42
122	Synthesis and self-assembly of giant porphyrin discs Electronic supplementary information (ESI) available: experimental procedures and characterization data, NMR- and UV/Vis-titration data. See <a href="http://www.rsc.org/suppdata/cc/b4/b401324g/">http://www.rsc.org/suppdata/cc/b4/b401324g/</a> . <i>Chemical Communications</i> , 2004, , 762.	4.1	41
123	Synthesis, characterisation and chiroptical properties of "click"™able polyisocyanopeptides. <i>Journal of Materials Chemistry</i> , 2007, 17, 1876-1884.	6.7	41
124	Fusing Triazoles: Toward Extending Aromaticity. <i>Organic Letters</i> , 2011, 13, 3494-3497.	4.6	41
125	Designing Processive Catalytic Systems. Threading Polymers through a Flexible Macrocyclic Ring. <i>Journal of the American Chemical Society</i> , 2014, 136, 9165-9172.	13.7	41
126	Novel porphyrin"viologen rotaxanes. <i>Chemical Communications</i> , 1998, , 611-612.	4.1	40



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127	Allosterically Controlled Threading of Polymers through Macrocyclic Dimers. <i>Journal of the American Chemical Society</i> , 2015, 137, 3915-3923.	13.7	40
128	Substituent chemical shifts in NMR. Part 4 "1H SCS in some 2-substituted norbornanes and bornanes. <i>Magnetic Resonance in Chemistry</i> , 1989, 27, 1074-1084.	1.9	39
129	Biocatalytic oxidation by chloroperoxidase from <i>Caldariomyces fumago</i> in polymersome nanoreactors. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4604.	2.8	39
130	Macromolecular Scaffolding: The Relationship Between Nanoscale Architecture and Function in Multichromophoric Arrays for Organic Electronics. <i>Advanced Materials</i> , 2010, 22, E81-8.	21.0	39
131	Controlling Microsized Polymorphic Architectures with Distinct Linear and Nonlinear Optical Properties. <i>Advanced Optical Materials</i> , 2015, 3, 948-956.	7.3	39
132	Bipyridine functionalized molecular clips. Self-assembly of their ruthenium complexes in water. <i>Chemical Communications</i> , 1998, , 1553-1554.	4.1	38
133	Polyisocyanides Derived from Tripeptides of Alanine. <i>Chemistry - A European Journal</i> , 2007, 13, 950-960.	3.3	38
134	Molecular computing: paths to chemical Turing machines. <i>Chemical Science</i> , 2015, 6, 6050-6058.	7.4	38
135	3D Printing of Thermoresponsive Polyisocyanide (PIC) Hydrogels as Bioink and Fugitive Material for Tissue Engineering. <i>Polymers</i> , 2018, 10, 555.	4.5	38
136	Conformational Behavior and Binding Properties of Naphthalene-Walled Clips. <i>Chemistry - A European Journal</i> , 1998, 4, 716-722.	3.3	37
137	Acid-Initiated Stereospecific Polymerization of Isocyanopeptides. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1990-1993.	13.8	37
138	Self-Organization of Semiconducting Polysiloxane-Phthalocyanine on a Graphite Surface. <i>Advanced Materials</i> , 2005, 17, 1265-1268.	21.0	37
139	Direct Access to Polyisocyanide Screw Sense Using Vibrational Circular Dichroism. <i>Macromolecules</i> , 2010, 43, 7931-7935.	4.8	37
140	Preparation and characterization of non-linear poly(ethylene glycol) analogs from oligo(ethylene) Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 2	3.4	37
141	Strategies To Increase the Thermal Stability of Truly Biomimetic Hydrogels: Combining Hydrophobicity and Directed Hydrogen Bonding. <i>Macromolecules</i> , 2017, 50, 9058-9065.	4.8	36
142	Catalytic single-chain polymeric nanoparticles at work: from ensemble towards single-particle kinetics. <i>Molecular Systems Design and Engineering</i> , 2018, 3, 609-618.	3.4	36
143	Squaring cooperative binding circles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10471-10476.	7.1	35
144	Lamellar Organic Thin Films through Self-Assembly and Molecular Recognition. <i>Journal of Organic Chemistry</i> , 2001, 66, 391-399.	3.2	34

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145	A hydrogel-based enzyme-loaded polymersome reactor. <i>Nanoscale</i> , 2010, 2, 709.	5.6	34
146	In Search of Excellence: Convex versus Concave Noble Metal Nanostructures for Electrocatalytic Applications. <i>Advanced Materials</i> , 2021, 33, e2004554.	21.0	34
147	Giant Porphyrin Disks: Control of Their Self-Assembly at Liquid-Solid Interfaces through Metal-Ligand Interactions. <i>Chemistry - A European Journal</i> , 2007, 13, 7948-7956.	3.3	32
148	1. Solvent, Linker, and Anion Effects on the Formation, Connectivity, and Topology of Cu(I)/PPH <sub>3</sub> /N-Donor Ligand Coordination Polymers. <i>Crystal Growth and Design</i> , 2011, 11, 4313-4325.	3.0	32
149	Templated Hierarchical Self-Assembly of Poly( <i>p</i> -aryltriazole) Foldamers. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11040-11044.	13.8	32
150	Strong Binding of Paraquat and Polymeric Paraquat Derivatives by Basket-Shaped Hosts. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2132-2134.	4.4	31
151	Molecular Clips Based on Propanediurea. Exceptionally High Binding Affinities for Resorcinol Guests. <i>Journal of Organic Chemistry</i> , 2001, 66, 2643-2653.	3.2	31
152	Plastic- and liquid-crystalline architectures from dendritic receptor molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5093-5098.	7.1	31
153	LCD-based detection of enzymatic action. <i>Chemical Communications</i> , 2006, , 434-435.	4.1	31
154	Interlocked Porphyrin Switches. <i>Chemistry - A European Journal</i> , 2013, 19, 7758-7770.	3.3	31
155	Nanoscale Study of Polymer Dynamics. <i>ACS Nano</i> , 2016, 10, 1434-1441.	14.6	31
156	Biomimetic Stress Sensitive Hydrogel Controlled by DNA Nanoswitches. <i>Biomacromolecules</i> , 2017, 18, 3310-3317.	5.4	31
157	Polyisocyanide Hydrogels as a Tunable Platform for Mammary Gland Organoid Formation. <i>Advanced Science</i> , 2020, 7, 2001797.	11.2	31
158	A Polymeric Molecular "Handle" for Multiple AFM-Based Single-Molecule Force Measurements. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2431-2434.	13.8	30
159	1 <i>H</i> -1,2,3-Triazole: From Structure to Function and Catalysis. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1677-1699.	2.6	30
160	Fibrin-fiber architecture influences cell spreading and differentiation. <i>Cell Adhesion and Migration</i> , 2016, 10, 495-504.	2.7	29
161	Noncontact Liquid-Crystal Alignment by Supramolecular Amplification of Nanogrooves. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1812-1815.	13.8	28
162	Synthesis, Characterization, and Folding Behavior of $\beta$ -Amino Acid Derived Polyisocyanides. <i>Chemistry - A European Journal</i> , 2006, 12, 2778-2786.	3.3	28

#	ARTICLE	IF	CITATIONS
163	Ligand-Controlled Magnetic Interactions in Mn <sub>4</sub> Clusters. <i>Inorganic Chemistry</i> , 2009, 48, 11903-11908.	4.0	28
164	Hydrogen bonding and chemical shift assignments in carbazole functionalized isocyanides from solid-state NMR and first-principles calculations. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 13082.	2.8	28
165	Solvent-dependent amplification of chirality in assemblies of porphyrin trimers based on benzene tricarboxamide. <i>Chemical Communications</i> , 2012, 48, 4371.	4.1	28
166	Stiffness versus architecture of single helical polyisocyanopeptides. <i>Chemical Science</i> , 2013, 4, 2357.	7.4	28
167	Metal ion-exchange on the muscovite mica surface. <i>Surface Science</i> , 2017, 665, 56-61.	1.9	28
168	Construction of functional porphyrin polystyrene nano-architectures by ATRP. <i>Chemical Communications</i> , 2005, , 60.	4.1	27
169	Synthesis, Characterization, and Surface Initiated Polymerization of Carbazole Functionalized Isocyanides. <i>Chemistry of Materials</i> , 2010, 22, 2597-2607.	6.7	27
170	Oligonucleotide Tagging for Copper-Free Click Conjugation. <i>Molecules</i> , 2013, 18, 7346-7363.	3.8	27
171	Synthesis and Characterization of Surface-Initiated Helical Polyisocyanopeptide Brushes. <i>Macromolecules</i> , 2008, 41, 1945-1951.	4.8	25
172	Strong optical nonlinearities of self-assembled polymorphic microstructures of phenylethynyl functionalized fluorenones. <i>Chinese Chemical Letters</i> , 2018, 29, 297-300.	9.0	25
173	Cytokine-Functionalized Synthetic Dendritic Cells for T-Cell Targeted Immunotherapies. <i>Advanced Therapeutics</i> , 2018, 1, 1800021.	3.2	25
174	Mechanical and optical manipulation of porphyrin rings at the submicrometre scale. <i>Nanotechnology</i> , 2000, 11, 16-23.	2.6	24
175	Er <sup>3+</sup> /Yb <sup>3+</sup> upconverters for InGaP solar cells under concentrated broadband illumination. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 11234-11243.	2.8	24
176	Adsorption and conformation of porphyrins on metallic surfaces. <i>Journal of Vacuum Science &amp; Technology B</i> , 2009, 27, 799-804.	1.3	23
177	Multichromophoric Phthalocyanine (Perylene <sub>8</sub> ) Molecules: A Photophysical Study. <i>Chemistry - A European Journal</i> , 2010, 16, 10021-10029.	3.3	23
178	Cysteine-Containing Polyisocyanides as Versatile Nanoplatfoms for Chromophoric and Bioscaffolding. <i>Chemistry - A European Journal</i> , 2010, 16, 6176-6186.	3.3	22
179	Monitoring <sup>111</sup> In-labelled polyisocyanopeptide (PIC) hydrogel wound dressings in full-thickness wounds. <i>Biomaterials Science</i> , 2019, 7, 3041-3050.	5.4	22
180	Mimicking the Motion of Life: Catalytically Active Rotaxanes as Processive Enzyme Mimics. <i>Australian Journal of Chemistry</i> , 2004, 57, 323.	0.9	21

#	ARTICLE	IF	CITATIONS
181	Synthesis and Photophysical Properties of Porphyrin-Functionalized Molecular Clips. <i>Journal of Organic Chemistry</i> , 1999, 64, 6653-6663.	3.2	20
182	Synthesis, Aggregation, and Binding Behavior of Synthetic Amphiphilic Receptors. <i>Journal of Organic Chemistry</i> , 2001, 66, 1538-1547.	3.2	20
183	Synthesis and Hierarchical Self-Assembly of Cavity-Containing Facial Amphiphiles. <i>Journal of Organic Chemistry</i> , 2003, 68, 9040-9049.	3.2	20
184	Scanning Tunneling Microscopy and Spectroscopy Studies of Porphyrins at Solid-Liquid Interfaces. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 1953-1955.	1.5	20
185	Supramolecular command surfaces for liquid crystal alignment. <i>Polymer International</i> , 2007, 56, 1186-1191.	3.1	20
186	Synergy between chemo- and bio-catalysts in multi-step transformations. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2926.	2.8	20
187	Controlled Templating of Porphyrins by a Molecular Command Layer. <i>Langmuir</i> , 2011, 27, 2644-2651.	3.5	20
188	Slippage of a Porphyrin Macrocycle over Threads of Varying Bulkiness: Implications for the Mechanism of Threading Polymers through a Macrocyclic Ring. <i>Chemistry - A European Journal</i> , 2015, 21, 360-370.	3.3	20
189	Synthesis, X-ray structure and binding properties of molecular clips based on dimethylpropanediurea. <i>Chemical Communications</i> , 1998, , 121-122.	4.1	19
190	Synthesis of Porphyrin-Containing [3]Rotaxanes by Olefin Metathesis. <i>Angewandte Chemie</i> , 2003, 115, 674-678.	2.0	19
191	Alignment of Extremely Long Single Polymer Chains by Exploiting Hydrodynamic Flow. <i>ChemPhysChem</i> , 2004, 5, 128-130.	2.1	19
192	Carbenoid transfer reactions catalyzed by a ruthenium porphyrin macrocycle. <i>Tetrahedron</i> , 2017, 73, 5029-5037.	1.9	19
193	Controlling the gelation temperature of biomimetic polyisocyanides. <i>Chinese Chemical Letters</i> , 2018, 29, 281-284.	9.0	19
194	Compartmentalized Multistable Liquid Crystal Alignment. <i>Advanced Materials</i> , 2010, 22, 961-965.	21.0	18
195	Photocatalytic oxidation of stilbene by self-assembled stacks of manganese porphyrins. <i>Chemical Communications</i> , 2013, 49, 10787.	4.1	18
196	Tailored nanocellulose-grafted polymer brush applications. <i>Journal of Materials Chemistry A</i> , 2021, 9, 17173-17188.	10.3	18
197	The Mechanosensory Role of Osteocytes and Implications for Bone Health and Disease States. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 770143.	3.7	18
198	Supramolecular Activation of para-Benzoquinone. <i>Angewandte Chemie International Edition in English</i> , 1995, 33, 2489-2491.	4.4	17

#	ARTICLE	IF	CITATIONS
199	Hexakis (pyridyl-functionalised porphyrinato)benzene as a building block for the construction of multi-chromophoric arrays. <i>Tetrahedron Letters</i> , 2002, 43, 9351-9355.	1.4	17
200	The development of self-assembled liquid crystal display alignment layers. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2007, 365, 1553-1576.	3.4	17
201	Vibrational self-trapping in beta-sheet structures observed with femtosecond nonlinear infrared spectroscopy. <i>Journal of Chemical Physics</i> , 2009, 131, 124503.	3.0	17
202	Self-assembly of corrole trimers in solution and at the solid-liquid interface. <i>Journal of Materials Chemistry</i> , 2009, 19, 66-69.	6.7	17
203	2. The Multiple Phenyl Embrace as a Synthone in Cu(I)/PPh <sub>3</sub> /N-Donor Ligand Coordination Polymers. <i>Crystal Growth and Design</i> , 2011, 11, 4326-4333.	3.0	17
204	Self-Assembly of Chiral Phthalocyanines and Chiral Crown Ether Phthalocyanines. , 2003, , 281-301.		16
205	Lyotropic liquid-crystalline behavior of polyisocyanodipeptides. <i>Journal of Polymer Science Part A</i> , 2007, 45, 981-988.	2.3	16
206	Sequential Energy and Electron Transfer in Polyisocyanopeptide-Based Multichromophoric Arrays. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1590-1600.	2.6	16
207	A Double-Cavity-Containing Porphyrin Host as a Highly Stable Epoxidation Catalyst. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5246-5253.	2.4	16
208	Towards Complex Functions from Complex Materials. <i>Advanced Materials</i> , 2006, 18, 1235-1238.	21.0	15
209	X-Ray Spectroscopic and Diffraction Study of the Structure of the Active Species in the Ni <sup>II</sup> -Catalyzed Polymerization of Isocyanides. <i>ChemPhysChem</i> , 2007, 8, 1850-1856.	2.1	15
210	Tuning the properties of PS-PIAT block copolymers and their assembly into polymersomes. <i>Soft Matter</i> , 2008, 4, 1003.	2.7	15
211	Beta Sheets with a Twist: The Conformation of Helical Polyisocyanopeptides Determined by Using Vibrational Circular Dichroism. <i>Chemistry - A European Journal</i> , 2013, 19, 13168-13174.	3.3	15
212	Strong Induced-Fit Binding of Viologen and Pyridine Derivatives in Adjustable Porphyrin Cavities. <i>Chemistry - A European Journal</i> , 2014, 20, 11574-11583.	3.3	15
213	Single-enzyme kinetics with fluorogenic substrates: lessons learnt and future directions. <i>FEBS Letters</i> , 2014, 588, 3553-3563.	2.8	15
214	NMR spectra of the porphyrins. Part 42. The synthesis and aggregation behaviour of some chlorophyll analogues. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993, , 1047.	0.9	14
215	Dynamic process in a hexameric benzo-porphyrin studied by femtosecond transient absorption. <i>Chemical Physics Letters</i> , 1999, 303, 261-267.	2.6	14
216	Uniform <i>N</i> -(2-Aminoethyl)(3-aminopropyl)trimethoxysilane Monolayer Growth in Water. <i>Journal of Physical Chemistry C</i> , 2008, 112, 20105-20108.	3.1	14

#	ARTICLE	IF	CITATIONS
217	Synthesis of multi-porphyrin arrays and study of their self-assembly behaviour at the air-water interface. <i>Journal of Physical Organic Chemistry</i> , 2001, 14, 501-512.	1.9	13
218	Novel alignment technique for LCD-biosensors Electronic supplementary information (ESI) available: alignment layer formation and structure, FT-IR spectra and polarising microscopic images. See <a href="http://www.rsc.org/suppdata/cc/b3/b310860k/">http://www.rsc.org/suppdata/cc/b3/b310860k/</a> . <i>Chemical Communications</i> , 2003, , 2856.	4.1	13
219	Construction of supramolecular multi-component assemblies by using allosteric interactions. <i>Tetrahedron</i> , 2008, 64, 8535-8542.	1.9	13
220	Water soluble azido polyisocyanopeptides as functional $\beta$ -sheet mimics. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4150-4164.	2.3	13
221	Tunable Hybrid Matrices Drive Epithelial Morphogenesis and YAP Translocation. <i>Advanced Science</i> , 2021, 8, 2003380.	11.2	13
222	Direct Backbone Structure Determination of Polyisocyanodipeptide Using Solid-State Nuclear Magnetic Resonance. <i>Macromolecules</i> , 2012, 45, 2209-2218.	4.8	12
223	Postfunctionalization of Helical Polyisocyanopeptides with Phthalocyanine Chromophores by "Click Chemistry" ChemPlusChem, 2012, 77, 700-706.	2.8	12
224	NMR spectra of the porphyrins. Part 40. Self-aggregation in zinc(II) and nickel(II) 2-vinylphylloerythrins. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1991, , 515.	0.9	11
225	Electric field generation of Skyrmion-like structures in a nematic liquid crystal. <i>Soft Matter</i> , 2016, 12, 853-858.	2.7	11
226	Affinity-Based Purification of Polyisocyanopeptide Bioconjugates. <i>Bioconjugate Chemistry</i> , 2017, 28, 2560-2568.	3.6	11
227	Influence of $\pi$ - $\pi$ stacking on the self-assembly and coiling of multi-chromophoric polymers based on perylenebis(dicarboximides): an AFM study. <i>Soft Matter</i> , 2009, 5, 4680.	2.7	10
228	Monolayer and aggregate formation of a modified phthalocyanine on mica determined by a delicate balance of surface interactions. <i>Surface Science</i> , 2012, 606, 830-835.	1.9	10
229	Uncorrelated Dynamical Processes in Tetranuclear Carboxylate Clusters Studied by Variable-Temperature $^1\text{H}$ NMR Spectroscopy.. <i>Inorganic Chemistry</i> , 2013, 52, 13004-13013.	4.0	10
230	Confining Potential as a Function of Polymer Stiffness and Concentration in Entangled Polymer Solutions. <i>Journal of Physical Chemistry B</i> , 2017, 121, 5613-5620.	2.6	10
231	Synthetic Semiflexible and Bioactive Brushes. <i>Biomacromolecules</i> , 2019, 20, 2587-2597.	5.4	10
232	$\beta$ -Carrageenan Gel Modified Mesoporous Gold Chronocoulometric Sensor for Ultrasensitive Detection of MicroRNA. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 198-207.	3.2	10
233	Host-guest complexes with tuneable solid state structures. <i>Chemical Communications</i> , 2000, , 355-356.	4.1	9
234	Divalent ligand for intramolecular complex formation to streptavidin. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2393.	2.8	9

#	ARTICLE	IF	CITATIONS
235	Self-assembly studies of allosteric photosynthetic antenna model systems. <i>New Journal of Chemistry</i> , 2006, 30, 148-155.	2.8	9
236	Correctly validating results from single molecule data: The case of stretched exponential decay in the catalytic activity of single lipase B molecules. <i>Chemical Physics Letters</i> , 2006, 432, 371-374.	2.6	9
237	Dibenzo Crown Ether Layer Formation on Muscovite Mica. <i>Langmuir</i> , 2014, 30, 12570-12577.	3.5	9
238	Critical behaviour in the nonlinear elastic response of hydrogels. <i>Soft Matter</i> , 2016, 12, 6995-7004.	2.7	9
239	Electron Transport through CO Studied by Gold Break-Junctions in Nonpolar Liquids. <i>Journal of Physical Chemistry C</i> , 2009, 113, 15412-15416.	3.1	8
240	Self-trapped vibrational states in synthetic $\beta$ -sheet helices. <i>Chemical Communications</i> , 2009, , 4675.	4.1	8
241	Self-Assembly of Porphyrins on a Single Crystalline Organic Substrate. <i>Langmuir</i> , 2010, 26, 498-503.	3.5	8
242	Construction of phthalocyanine-terminated polystyrene nanoarchitectures. <i>Journal of Physical Organic Chemistry</i> , 2012, 25, 586-591.	1.9	8
243	Virus-like particles as crosslinkers in fibrous biomimetic hydrogels: approaches towards capsid rupture and gel repair. <i>Soft Matter</i> , 2018, 14, 1442-1448.	2.7	8
244	Aggregation behaviour and binding properties of an l-lysine appended glycoluril receptor. <i>Tetrahedron Letters</i> , 2001, 42, 2751-2753.	1.4	7
245	Self-Association and Self-Assembly of Molecular Clips in Water. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001, 41, 65-68.	1.6	7
246	Sub-millisecond nematic liquid crystal switches using patterned command layer. <i>Journal of Applied Physics</i> , 2013, 113, 014503.	2.5	7
247	Conformational Analysis and Binding Properties of a Cavity Containing Porphyrin Catalyst Provided with Urea Functions. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4487-4495.	2.4	7
248	Deciphering Design Principles of Förster Resonance Energy Transfer-Based Protease Substrates: Thermolysin-Like Protease from <i>Geobacillus stearothermophilus</i> as a Test Case. <i>ACS Omega</i> , 2018, 3, 4148-4156.	3.5	7
249	Electrochemical Synthesis of Mesoporous Architected Ru Films Using Supramolecular Templates. <i>Small</i> , 2020, 16, e2002489.	10.0	7
250	Snake Venom Hydrogels as a Rapid Hemostatic Agent for Uncontrolled Bleeding. <i>Advanced Healthcare Materials</i> , 2022, 11, .	7.6	7
251	N.m.r. spectra of porphyrins. Part 37. The structure of the methyl pyrochlorophyllide a dimer. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1989, , 1633.	0.9	6
252	Supramolekulare Aktivierung von <i>p</i> -Benzochinon. <i>Angewandte Chemie</i> , 1994, 106, 2584-2587.	2.0	6

#	ARTICLE	IF	CITATIONS
253	Synthesis and physical properties of a porphyrin cavity based on glycoluril. <i>Journal of Supramolecular Chemistry</i> , 2002, 2, 151-158.	0.4	6
254	Templated self-assembly of porphyrin cages. <i>Israel Journal of Chemistry</i> , 2005, 45, 271-279.	2.3	6
255	Thermodynamics and Kinetics of Guest-Induced Switching between "Basket Handle" Porphyrin Isomers. <i>Molecules</i> , 2014, 19, 5278-5300.	3.8	6
256	Structural Insights into the Mechanism of Heat-Set Gel Formation of Polyisocyanopeptide Polymers. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000304.	3.9	6
257	Effect of low aspect ratio one-dimensional nanoparticles on properties of photocrosslinked alginate nanocomposite hydrogels. <i>International Journal of Biological Macromolecules</i> , 2022, 204, 635-643.	7.5	6
258	Design and construction of supramolecular and macromolecular architectures by tandem interactions. <i>Macromolecular Symposia</i> , 1997, 117, 291-304.	0.7	5
259	The trisubstituted-triazole approach to extended functional naphthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 898-907.	0.8	5
260	Surfaces with Controllable Topography and Chemistry Used as a Template for Protein Crystallization. <i>Crystal Growth and Design</i> , 2018, 18, 763-769.	3.0	5
261	Simple chemistry drives controlled synthesis of platinum nanocrystal to micron size. <i>Journal of Nanostructure in Chemistry</i> , 2019, 9, 197-202.	9.1	5
262	Conformational analysis. Part 17. An NMR and theoretical investigation of the conformation of bicyclo[5.2.1]decane-2,6-dione. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1991, , 1471-1475.	0.9	4
263	Porphyrin Clips Derived from Diphenylglycoluril. Synthesis, Conformational Analysis, and Binding Properties.. <i>Journal of Organic Chemistry</i> , 2000, 65, 1600-1600.	3.2	4
264	Hierarchical self-assembly of a host-guest porphyrin array. <i>Journal of Porphyrins and Phthalocyanines</i> , 2003, 07, 249-254.	0.8	4
265	Self-Assembled Nanoreactors. <i>ChemInform</i> , 2005, 36, no.	0.0	4
266	Bio-Inspired Supramolecular Catalysis. , 0, , 143-164.		4
267	STM studies of the self-assembly of manganese porphyrin catalysts at the Au(111)-tetradecane interface. <i>New Journal of Physics</i> , 2009, 11, 083011.	2.9	4
268	Solution scattering studies of the hierarchical assembly of porphyrin trimers based on benzene triscarboxamide. <i>Soft Matter</i> , 2014, 10, 9688-9694.	2.7	4
269	Muscovite mica as a growth template of PC <sub>61</sub> BM crystallites for organic photovoltaics. <i>CrystEngComm</i> , 2017, 19, 4424-4436.	2.6	4
270	Biomimetic Networks with Enhanced Photodynamic Antimicrobial Activity from Conjugated Polythiophene/Polyisocyanide Hybrid Hydrogels. <i>Angewandte Chemie</i> , 2020, 132, 2742-2746.	2.0	4



#	ARTICLE	IF	CITATIONS
271	Organothiols Monolayer Formation Directly on Muscovite Mica. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2323-2327.	13.8	4
272	Synthesis and Magnetic Properties of Two-Step Coordination Schiff Base Clusters. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2611-2617.	2.0	4
273	Heterodyne Brillouin microscopy for biomechanical imaging. <i>Biomedical Optics Express</i> , 2021, 12, 6259.	2.9	4
274	Conformational analysis. <sup>15</sup> N Lanthanide-induced shift investigation of 2-exo-norborneol using tailored models of lanthanide complexation. <i>Magnetic Resonance in Chemistry</i> , 1988, 26, 1027-1035.	1.9	3
275	Solid-state NMR characterization of tri-ethyleneglycol grafted polyisocyanopeptides. <i>Magnetic Resonance in Chemistry</i> , 2016, 54, 328-333.	1.9	3
276	Order at Extreme Dilution. <i>Advanced Functional Materials</i> , 2016, 26, 9009-9016.	14.9	3
277	Noble metal surface degradation induced by organothiols. <i>Surface Science</i> , 2017, 662, 59-66.	1.9	3
278	Tunable properties based on regioselectivity of 1,2,3-triazole units in axially chiral 2,2'-linked 1,1'-binaphthyl-based copolymers for ions and acid responsiveness. <i>European Polymer Journal</i> , 2018, 108, 191-198.	5.4	3
279	Self-assembly of porphyrin hexamers <i>via</i> bidentate metal-ligand coordination. <i>Dalton Transactions</i> , 2018, 47, 14277-14287.	3.3	3
280	Double Porphyrin Cage Compounds. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 7087-7100.	2.4	3
281	Cover Picture: Vesicles and Polymerized Vesicles from Thiophene-Containing Rod-Coil Block Copolymers ( <i>Angew. Chem. Int. Ed.</i> 7/2003). <i>Angewandte Chemie - International Edition</i> , 2003, 42, 703-703.	13.8	2
282	Carbazole Functionalized Isocyanide Brushes in Heterojunction Photovoltaic Devices. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 503-507.	0.9	2
283	Advances in Soft Functional Materials Research. <i>Advanced Functional Materials</i> , 2016, 26, 8807-8809.	14.9	2
284	Epitaxial Crystallization of Insulin on an Ordered 2D Polymer Template. <i>Chemistry - A European Journal</i> , 2019, 25, 3756-3760.	3.3	2
285	Helical Molecular Programming. , 1998, 37, 63.		2
286	Modification of the physical properties of polymers by supramolecular interactions. <i>Macromolecular Symposia</i> , 1996, 102, 217-224.	0.7	1
287	Titelbild: Vesicles and Polymerized Vesicles from Thiophene-Containing Rod-Coil Block Copolymers ( <i>Angew. Chem.</i> 7/2003). <i>Angewandte Chemie</i> , 2003, 115, 727-727.	2.0	1
288	79 Ordered Surface Structures of Self-Assembled Porphyrins. <i>Handbook of Porphyrin Science</i> , 2012, , 1-56.	0.8	1

#	ARTICLE	IF	CITATIONS
289	Bio-Inspired Polymer Chemistry. Tuning the Structure and Properties of Self-Assembled Polymers by Solvent Interactions. <i>Macromolecular Symposia</i> , 2016, 369, 97-100.	0.7	1
290	Organothiols Monolayer Formation Directly on Muscovite Mica. <i>Angewandte Chemie</i> , 2020, 132, 2343-2347.	2.0	1
291	Glycoluril-Based Hosts. , 2004, , 597-605.		0
292	Self-Assembly of Chiral Phthalocyanines and Chiral Crown Ether Phthalocyanines. <i>ChemInform</i> , 2004, 35, no.	0.0	0
293	Cover Picture: Single-Enzyme Kinetics of CALB-Catalyzed Hydrolysis ( <i>Angew. Chem. Int. Ed.</i> 4/2005). <i>Angewandte Chemie - International Edition</i> , 2005, 44, 495-495.	13.8	0
294	A Toroidal Oxidation Catalyst. , 2010, , 225-230.		0
295	Processive Rotaxane Catalysts. , 2012, , 183-193.		0
296	International Conference "Trends in Spintronics and Nanomagnetism" (TSN-2010). <i>Journal of Physics: Conference Series</i> , 2011, 292, 011001.	0.4	0
297	Abstract IA29: Towards synthetic immune cells for cancer immunotherapy. , 2016, , .		0