

Yuping Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

253
papers

17,307
citations

65
h-index

126
g-index

277
ext. papers

20,743
ext. citations

14.1
avg, IF

7.45
L-index

#	Paper	IF	Citations
253	Fluorescence Quenching by Redox Molecular Pumping.. <i>Journal of the American Chemical Society</i> , 2022 , 144, 3572-3579	16.4	2
252	Syntheses of three-dimensional catenanes under kinetic control.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2118573119	11.5	0
251	Electron-catalysed molecular recognition.. <i>Nature</i> , 2022 , 603, 265-270	50.4	7
250	Active mechanisorption driven by pumping cassettes. <i>Science</i> , 2021 , 374, 1215-1221	33.3	15
249	Innenrücktitelbild: Radically Enhanced Dual Recognition (Angew. Chem. 48/2021). <i>Angewandte Chemie</i> , 2021 , 133, 25787	3.6	
248	Color-Tunable Supramolecular Luminescent Materials. <i>Advanced Materials</i> , 2021 , e2105405	24	11
247	Supramolecular Gold Stripping from Activated Carbon Using β -Cyclodextrin. <i>Journal of the American Chemical Society</i> , 2021 , 143, 1984-1992	16.4	1
246	Radical-Pairing Interactions in a Molecular Switch Evidenced by Ion Mobility Spectrometry and Infrared Ion Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 10049-10055	16.4	5
245	Photon Upconversion in a Glowing Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5053-5059	16.4	11
244	Radical-Pairing Interactions in a Molecular Switch Evidenced by Ion Mobility Spectrometry and Infrared Ion Spectroscopy. <i>Angewandte Chemie</i> , 2021 , 133, 10137-10143	3.6	2
243	From molecular to supramolecular electronics. <i>Nature Reviews Materials</i> , 2021 , 6, 804-828	73.3	38
242	Molecular Triangles: A New Class of Macrocycles. <i>Accounts of Chemical Research</i> , 2021 , 54, 2027-2039	24.3	18
241	Molecular Pumps and Motors. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5569-5591	16.4	43
240	Aromatic hydrocarbon belts. <i>Nature Chemistry</i> , 2021 , 13, 402-419	17.6	21
239	A Donor-Acceptor [2]Catenane for Visible Light Photocatalysis. <i>Journal of the American Chemical Society</i> , 2021 , 143, 8000-8010	16.4	6
238	Diverse Proton-Conducting Nanotubes via a Tandem Macrocyclization and Assembly Strategy. <i>Journal of the American Chemical Society</i> , 2021 , 143, 8145-8153	16.4	4
237	Electron-Catalyzed Dehydrogenation in a Single-Molecule Junction. <i>Journal of the American Chemical Society</i> , 2021 , 143, 8476-8487	16.4	4

236	Coordination-Driven Selective Formation of D Symmetric Octanuclear Organometallic Cages. <i>Chemistry - A European Journal</i> , 2021 , 27, 9524-9528	4.8	0
235	Selective Separation of Hexachloroplatinate(IV) Dianions Based on Exo-Binding with Cucurbit[6]uril. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17587-17594	16.4	1
234	Selective Photodimerization in a Cyclodextrin Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2021 , 143, 9129-9139	16.4	9
233	Design and Synthesis of Quick Setting Nonswelling Hydrogels via Brush Polymers. <i>Advanced Science</i> , 2021 , 8, e2100968	13.6	4
232	Selective Separation of Hexachloroplatinate(IV) Dianions Based on Exo-Binding with Cucurbit[6]uril. <i>Angewandte Chemie</i> , 2021 , 133, 17728-17735	3.6	0
231	Radical-pairing-induced molecular assembly and motion. <i>Nature Reviews Chemistry</i> , 2021 , 5, 447-465	34.6	17
230	Temperature-Triggered Supramolecular Assembly of Organic Semiconductors. <i>Advanced Materials</i> , 2021 , e2101487	24	2
229	Reticular exploration of uranium-based metal-organic frameworks with hexacarboxylate building units. <i>Nano Research</i> , 2021 , 14, 376-380	10	14
228	Discrete Open-Shell Tris(bipyridinium radical cationic) Inclusion Complexes in the Solid State. <i>Journal of the American Chemical Society</i> , 2021 , 143, 163-175	16.4	6
227	Single-Molecule Charge Transport through Positively Charged Electrostatic Anchors. <i>Journal of the American Chemical Society</i> , 2021 , 143, 2886-2895	16.4	12
226	Cyclodextrin Metal-Organic Frameworks and Their Applications. <i>Accounts of Chemical Research</i> , 2021 , 54, 1440-1453	24.3	24
225	The Rise and Promise of Molecular Nanotopology. <i>CCS Chemistry</i> , 2021 , 3, 1542-1572	7.2	20
224	A contorted nanographene shelter. <i>Nature Communications</i> , 2021 , 12, 5191	17.4	2
223	Chiroptical Properties of Mechanically Interlocked Molecules. <i>Israel Journal of Chemistry</i> , 2021 , 61, 608	3.4	1
222	Radically Enhanced Dual Recognition. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 25454-25462	16.4	4
221	PCage: Fluorescent Molecular Temples for Binding Sugars in Water. <i>Journal of the American Chemical Society</i> , 2021 , 143, 15688-15700	16.4	4
220	Ordered polymer composite materials: challenges and opportunities. <i>Nanoscale</i> , 2021 , 13, 426-443	7.7	5
219	MultiCon: A Semi-Supervised Approach for Predicting Drug Function from Chemical Structure Analysis. <i>Journal of Chemical Information and Modeling</i> , 2020 , 60, 5995-6006	6.1	8

218	Suit[4]ane. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10273-10278	16.4	10
217	Electrochemical Switching of a Fluorescent Molecular Rotor Embedded within a Bistable Rotaxane. <i>Journal of the American Chemical Society</i> , 2020 , 142, 11835-11846	16.4	19
216	Molecular-Pump-Enabled Synthesis of a Daisy Chain Polymer. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10308-10313	16.4	11
215	A precise polyrotaxane synthesizer. <i>Science</i> , 2020 , 368, 1247-1253	33.3	72
214	Precious metal recovery from electronic waste by a porous porphyrin polymer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 16174-16180	11.5	49
213	Retraction of "Cyclodextrin Metal-Organic Frameworks: From the Research Laboratory to the Marketplace". <i>Accounts of Chemical Research</i> , 2020 , 53, 2762	24.3	4
212	Highly Stable Organic Bisradicals Protected by Mechanical Bonds. <i>Journal of the American Chemical Society</i> , 2020 , 142, 7190-7197	16.4	10
211	Mechanical-Bond-Induced Exciplex Fluorescence in an Anthracene-Based Homo[2]catenane. <i>Journal of the American Chemical Society</i> , 2020 , 142, 7956-7967	16.4	22
210	Cyclophane-Sustained Ultrastable Porphyrins. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8938-8945	16.4	7
209	Supramolecular Porous Organic Nanocomposites for Heterogeneous Photocatalysis of a Sulfur Mustard Simulant. <i>Advanced Materials</i> , 2020 , 32, e2001592	24	10
208	Mixed-flow design for microfluidic printing of two-component polymer semiconductor systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 17551-17557	11.5	12
207	High-Efficiency Gold Recovery Using Cucurbit[6]uril. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 38768-38777	9.5	18
206	Non-equilibrium kinetics and trajectory thermodynamics of synthetic molecular pumps. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 1304-1314	7.8	12
205	Synthesis, structures, photophysical properties, and catalytic characteristics of 2,9-dimesityl-1,10-phenanthroline (dmesp) transition metal complexes. <i>Journal of Polymer Science</i> , 2020 , 58, 1130-1143	2.4	4
204	TetrazineBox: A Structurally Transformative Toolbox. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5419-5428	16.4	14
203	XCage: A Tricyclic Octacationic Receptor for Perylene Diimide with Picomolar Affinity in Water. <i>Journal of the American Chemical Society</i> , 2020 , 142, 3165-3173	16.4	22
202	Organic Counteranion Co-assembly Strategy for the Formation of β -Cyclodextrin-Containing Hybrid Frameworks. <i>Journal of the American Chemical Society</i> , 2020 , 142, 2042-2050	16.4	15
201	Franz N. Diederich: Pioneer of carbon allotropes and molecular recognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 32827-32829	11.5	

200	Integration of Enzymes and Photosensitizers in a Hierarchical Mesoporous Metal-Organic Framework for Light-Driven CO Reduction. <i>Journal of the American Chemical Society</i> , 2020 , 142, 1768-1773	16.4	80
199	Tuning radical interactions in triradical tricationic complexes by varying host-cavity sizes. <i>Chemical Science</i> , 2020 , 11, 107-112	9.4	9
198	Redox-Active Phenanthrenequinone Triangles in Aqueous Rechargeable Zinc Batteries. <i>Journal of the American Chemical Society</i> , 2020 , 142, 2541-2548	16.4	116
197	Post-Synthetically Elaborated BODIPY-Based Porous Organic Polymers (POPs) for the Photochemical Detoxification of a Sulfur Mustard Simulant. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18554-18564	16.4	38
196	Dawning of the Age of Molecular Nanotopology. <i>Nano Letters</i> , 2020 , 20, 5597-5600	11.5	22
195	Viologen Tweezers to Probe the Force of Individual Donor-Acceptor π Interactions. <i>Journal of the American Chemical Society</i> , 2020 , 142, 21153-21159	16.4	7
194	Suit[3]ane. <i>Journal of the American Chemical Society</i> , 2020 , 142, 20152-20160	16.4	8
193	Pumps through the Ages. <i>CheM</i> , 2020 , 6, 1952-1977	16.2	27
192	Artificial Molecular Pump Operating in Response to Electricity and Light. <i>Journal of the American Chemical Society</i> , 2020 , 142, 14443-14449	16.4	28
191	A diverse view of science to catalyse change. <i>Nature Chemistry</i> , 2020 , 12, 773-776	17.6	7
190	Ring-in-Ring(s) Complexes Exhibiting Tunable Multicolor Photoluminescence. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16849-16860	16.4	20
189	A Diverse View of Science to Catalyse Change. <i>Angewandte Chemie</i> , 2020 , 132, 18462-18466	3.6	0
188	Two-photon excited deep-red and near-infrared emissive organic co-crystals. <i>Nature Communications</i> , 2020 , 11, 4633	17.4	33
187	A Diverse View of Science to Catalyse Change. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18306-18310	16.4	10
186	A diverse view of science to catalyse change. <i>Croatica Chemica Acta</i> , 2020 , 93, 77-81	0.8	1
185	Balancing volumetric and gravimetric uptake in highly porous materials for clean energy. <i>Science</i> , 2020 , 368, 297-303	33.3	215
184	Conductive 2D metal-organic framework for high-performance cathodes in aqueous rechargeable zinc batteries. <i>Nature Communications</i> , 2019 , 10, 4948	17.4	198
183	Stabilizing the Naphthalenediimide Radical within a Tetracationic Cyclophane. <i>Journal of the American Chemical Society</i> , 2019 , 141, 16915-16922	16.4	15

182	Inversion of Dispersion: Colloidal Stability of Calixarene-Modified Metal-Organic Framework Nanoparticles in Nonpolar Media. <i>Journal of the American Chemical Society</i> , 2019 , 141, 12182-12186	16.4	15
181	Guest recognition enhanced by lateral interactions. <i>Chemical Science</i> , 2019 , 10, 5114-5123	9.4	11
180	The Burgeoning of Mechanically Interlocked Molecules in Chemistry. <i>Trends in Chemistry</i> , 2019 , 1, 185-197	14.8	59
179	Choosing sides: unusual ultrafast charge transfer pathways in an asymmetric electron-accepting cyclophane that binds an electron donor. <i>Chemical Science</i> , 2019 , 10, 4282-4292	9.4	10
178	In Situ Photoconversion of Multicolor Luminescence and Pure White Light Emission Based on Carbon Dot-Supported Supramolecular Assembly. <i>Journal of the American Chemical Society</i> , 2019 , 141, 6583-6591	16.4	104
177	Concepts in the design and engineering of single-molecule electronic devices. <i>Nature Reviews Physics</i> , 2019 , 1, 211-230	23.6	191
176	Reticular Access to Highly Porous aco-MOFs with Rigid Trigonal Prismatic Linkers for Water Sorption. <i>Journal of the American Chemical Society</i> , 2019 , 141, 2900-2905	16.4	87
175	Multistimuli Responsive Nanocomposite Tectons for Pathway Dependent Self-Assembly and Acceleration of Covalent Bond Formation. <i>Journal of the American Chemical Society</i> , 2019 , 141, 13234-13243	16.4	30
174	Assembly of a Porous Supramolecular Polyknot from Rigid Trigonal Prismatic Building Blocks. <i>Journal of the American Chemical Society</i> , 2019 , 141, 12998-13002	16.4	17
173	Cyclotris(paraquat-p-phenylenes). <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 13778-13783	16.4	5
172	Ligand-Directed Reticular Synthesis of Catalytically Active Missing Zirconium-Based Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019 , 141, 12229-12235	16.4	39
171	A Molecular Dual Pump. <i>Journal of the American Chemical Society</i> , 2019 , 141, 17472-17476	16.4	32
170	A Redox-Switchable Molecular Zipper. <i>Journal of the American Chemical Society</i> , 2019 , 141, 18308-18317	16.4	19
169	Cyclotris(paraquat-p-phenylenes). <i>Angewandte Chemie</i> , 2019 , 131, 13916-13921	3.6	2
168	A Dynamic Tetracationic Macrocyclic Exhibiting Photoswitchable Molecular Encapsulation. <i>Journal of the American Chemical Society</i> , 2019 , 141, 1280-1289	16.4	44
167	Interpenetration Isomerism in Triptycene-Based Hydrogen-Bonded Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1664-1669	16.4	56
166	Discrete Dimers of Redox-Active and Fluorescent Perylene Diimide-Based Rigid Isosceles Triangles in the Solid State. <i>Journal of the American Chemical Society</i> , 2019 , 141, 1290-1303	16.4	54
165	Interpenetration Isomerism in Triptycene-Based Hydrogen-Bonded Organic Frameworks. <i>Angewandte Chemie</i> , 2019 , 131, 1678-1683	3.6	19

164	Rechargeable aluminium organic batteries. <i>Nature Energy</i> , 2019 , 4, 51-59	62.3	159
163	Shuttling Rates, Electronic States, and Hysteresis in a Ring-in-Ring Rotaxane. <i>ACS Central Science</i> , 2018 , 4, 362-371	16.8	18
162	Dynamic force spectroscopy of synthetic oligorotaxane foldamers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9362-9366	11.5	29
161	Synthetic oligorotaxanes exert high forces when folding under mechanical load. <i>Nature Nanotechnology</i> , 2018 , 13, 209-213	28.7	35
160	Densely Charged Dodecacationic [3]- and Tetracosacationic Radial [5]Catenanes. <i>Chem</i> , 2018 , 4, 2329-2344	16.2	27
159	Epitaxial Growth of Cyclodextrin-Containing Metal-Organic Frameworks Based on a Host-Guest Strategy. <i>Journal of the American Chemical Society</i> , 2018 , 140, 11402-11407	16.4	27
158	X-Shaped Oligomeric Pyromellitimide Polyradicals. <i>Journal of the American Chemical Society</i> , 2018 , 140, 515-523	16.4	11
157	Molecular Russian dolls. <i>Nature Communications</i> , 2018 , 9, 5275	17.4	40
156	Selective Extraction of C by a Tetragonal Prismatic Porphyrin Cage. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13835-13842	16.4	64
155	Growing community of artificial molecular machinists. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9359-9361	11.5	20
154	Neighboring Component Effect in a Tri-stable [2]Rotaxane. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13827-13834	16.4	17
153	ExTzBox: A Glowing Cyclophane for Live-Cell Imaging. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7206-7212	16.4	57
152	Controlling Dual Molecular Pumps Electrochemically. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9325-9329	16.4	44
151	Controlling Dual Molecular Pumps Electrochemically. <i>Angewandte Chemie</i> , 2018 , 130, 9469-9473	3.6	12
150	Radically promoted formation of a molecular lasso. <i>Chemical Science</i> , 2017 , 8, 2562-2568	9.4	30
149	Size-Matched Radical Multivalency. <i>Journal of the American Chemical Society</i> , 2017 , 139, 3986-3998	16.4	32
148	Spin Frustration in the Triradical Trianion of a Naphthalenediimide Molecular Triangle. <i>Journal of the American Chemical Society</i> , 2017 , 139, 2948-2951	16.4	46
147	Composite CD-MOF nanocrystals-containing microspheres for sustained drug delivery. <i>Nanoscale</i> , 2017 , 9, 7454-7463	7.7	148

146	A Boat-Shaped Tetracationic Macrocycle with a Semiconducting Organic Framework. <i>Angewandte Chemie</i> , 2017 , 129, 5889-5894	3.6	6
145	A Boat-Shaped Tetracationic Macrocycle with a Semiconducting Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 5795-5800	16.4	20
144	Redox-Active Macrocycles for Organic Rechargeable Batteries. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6635-6643	16.4	79
143	Functionalised cyclodextrin-based metal-organic frameworks. <i>Chemical Communications</i> , 2017 , 53, 7561-7564	3.6	38
142	Mastering the non-equilibrium assembly and operation of molecular machines. <i>Chemical Society Reviews</i> , 2017 , 46, 5491-5507	58.5	188
141	Encapsulation of Ibuprofen in CD-MOF and Related Bioavailability Studies. <i>Molecular Pharmaceutics</i> , 2017 , 14, 1831-1839	5.6	108
140	Can Persistent Organic Radicals Find Function?. <i>Chem</i> , 2017 , 2, 317-318	16.2	
139	Probing Distance Dependent Charge-Transfer Character in Excimers of Extended Viologen Cyclophanes Using Femtosecond Vibrational Spectroscopy. <i>Journal of the American Chemical Society</i> , 2017 , 139, 14265-14276	16.4	48
138	Mechanically Interlocked Molecules (MIMs)-Molecular Shuttles, Switches, and Machines (Nobel Lecture). <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11094-11125	16.4	506
137	Introducing Stable Radicals into Molecular Machines. <i>ACS Central Science</i> , 2017 , 3, 927-935	16.8	78
136	Mechanical-Bond-Protected, Air-Stable Radicals. <i>Journal of the American Chemical Society</i> , 2017 , 139, 12704-12709	16.4	29
135	Mechanisch verzahnte Moleküle (MIMs) – molekulare Shuttle, Schalter und Maschinen (Nobel-Aufsatz). <i>Angewandte Chemie</i> , 2017 , 129, 11244-11277	3.6	123
134	Tayi et al. reply. <i>Nature</i> , 2017 , 547, E14-E15	50.4	3
133	Postsynthetic Incorporation of a Singlet Oxygen Photosensitizer in a Metal-Organic Framework for Fast and Selective Oxidative Detoxification of Sulfur Mustard. <i>Chemistry - A European Journal</i> , 2017 , 23, 214-218	4.8	74
132	Serendipity 2016 , 388-414		
131	Complex formation dynamics in a single-molecule electronic device. <i>Science Advances</i> , 2016 , 2, e1601113	14.3	55
130	Optimized synthesis and crystalline stability of cyclodextrin metal-organic frameworks for drug adsorption. <i>International Journal of Pharmaceutics</i> , 2016 , 514, 212-219	6.5	77
129	Layer-by-Layer Assembled Films of Perylene Diimide- and Squaraine-Containing Metal-Organic Framework-like Materials: Solar Energy Capture and Directional Energy Transfer. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 24983-8	9.5	37

128	Design and Synthesis of a Water-Stable Anionic Uranium-Based Metal-Organic Framework (MOF) with Ultra Large Pores. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10358-62	16.4	141
127	Design and Synthesis of a Water-Stable Anionic Uranium-Based Metal-Organic Framework (MOF) with Ultra Large Pores. <i>Angewandte Chemie</i> , 2016 , 128, 10514-10518	3.6	37
126	In silico discovery of metal-organic frameworks for precombustion CO capture using a genetic algorithm. <i>Science Advances</i> , 2016 , 2, e1600909	14.3	164
125	A Redox-Active Bistable Molecular Switch Mounted inside a Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2016 , 138, 14242-14245	16.4	95
124	Flexible ferroelectric organic crystals. <i>Nature Communications</i> , 2016 , 7, 13108	17.4	142
123	Symbiotic Control in Mechanical Bond Formation. <i>Angewandte Chemie</i> , 2016 , 128, 12575-12580	3.6	4
122	Influence of Constitution and Charge on Radical Pairing Interactions in Tris-radical Tricationic Complexes. <i>Journal of the American Chemical Society</i> , 2016 , 138, 8288-300	16.4	23
121	Quantum Mechanical and Experimental Validation that Cyclobis(paraquat-p-phenylene) Forms a 1:1 Inclusion Complex with Tetrathiafulvalene. <i>Chemistry - A European Journal</i> , 2016 , 22, 2736-45	4.8	6
120	CD-MOF: A Versatile Separation Medium. <i>Journal of the American Chemical Society</i> , 2016 , 138, 2292-301	16.4	203
119	Supramolecular Explorations: Exhibiting the Extent of Extended Cationic Cyclophanes. <i>Accounts of Chemical Research</i> , 2016 , 49, 262-73	24.3	144
118	Supramolecular Gelation of Rigid Triangular Macrocycles through Rings of Multiple C-H...O Interactions Acting Cooperatively. <i>Journal of Organic Chemistry</i> , 2016 , 81, 2581-8	4.2	25
117	Non-Interpenetrated Metal-Organic Frameworks Based on Copper(II) Paddlewheel and Oligoparaxylene-Isophthalate Linkers: Synthesis, Structure, and Gas Adsorption. <i>Journal of the American Chemical Society</i> , 2016 , 138, 3371-81	16.4	91
116	Cooperative Reactivity in an Extended-Viologen-Based Cyclophane. <i>Journal of the American Chemical Society</i> , 2016 , 138, 3667-70	16.4	14
115	Scalable synthesis and post-modification of a mesoporous metal-organic framework called NU-1000. <i>Nature Protocols</i> , 2016 , 11, 149-62	18.8	192
114	Sliding-Ring Catenanes. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10214-25	16.4	29
113	Concurrent Covalent and Supramolecular Polymerization. <i>Chemistry - A European Journal</i> , 2016 , 22, 12301-8	4.8	12
112	Wholly Synthetic Molecular Machines. <i>ChemPhysChem</i> , 2016 , 17, 1780-93	3.2	104
111	Chiral Redox-Active Isosceles Triangles. <i>Journal of the American Chemical Society</i> , 2016 , 138, 5968-77	16.4	51

110	Oligorotaxane Radicals under Orders. <i>ACS Central Science</i> , 2016 , 2, 89-98	16.8	40
109	A metal-organic framework immobilised iridium pincer complex. <i>Chemical Science</i> , 2016 , 7, 4980-4984	9.4	66
108	Ultrafast Two-Electron Transfer in a CdS Quantum Dot-Extended-Viologen Cyclophane Complex. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6163-70	16.4	32
107	Symbiotic Control in Mechanical Bond Formation. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12387-92	16.4	18
106	Supramolecular Double-Helix Formation by Diastereoisomeric Conformations of Configurationally Enantiomeric Macrocycles. <i>Journal of the American Chemical Society</i> , 2016 , 138, 14469-14480	16.4	35
105	Cation-Dependent Gold Recovery with β -Cyclodextrin Facilitated by Second-Sphere Coordination. <i>Journal of the American Chemical Society</i> , 2016 , 138, 11643-53	16.4	53
104	2016 ,		323
103	Complexation of polyoxometalates with cyclodextrins. <i>Journal of the American Chemical Society</i> , 2015 , 137, 4111-8	16.4	118
102	A Platform for Change. <i>Supramolecular Chemistry</i> , 2015 , 27, 567-570	1.8	9
101	Redox Control of the Binding Modes of an Organic Receptor. <i>Journal of the American Chemical Society</i> , 2015 , 137, 11057-68	16.4	42
100	Electron Injection from Copper Diimine Sensitizers into TiO ₂ : Structural Effects and Their Implications for Solar Energy Conversion Devices. <i>Journal of the American Chemical Society</i> , 2015 , 137, 9670-84	16.4	47
99	Activation-Enabled Syntheses of Functionalized Pillar[5]arene Derivatives. <i>Organic Letters</i> , 2015 , 17, 3260-3	6.2	25
98	Tunable solid-state fluorescent materials for supramolecular encryption. <i>Nature Communications</i> , 2015 , 6, 6884	17.4	289
97	Oxime ligation on the surface of mesoporous silica nanoparticles. <i>Organic Letters</i> , 2015 , 17, 2146-9	6.2	19
96	Heterogeneity of functional groups in a metal-organic framework displays magic number ratios. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 5591-6	11.5	32
95	An artificial molecular pump. <i>Nature Nanotechnology</i> , 2015 , 10, 547-53	28.7	318
94	Lithium-Ion Batteries: A Rigid Naphthalenediimide Triangle for Organic Rechargeable Lithium-Ion Batteries (Adv. Mater. 18/2015). <i>Advanced Materials</i> , 2015 , 27, 2948-2948	24	1
93	Carbohydrate-mediated purification of petrochemicals. <i>Journal of the American Chemical Society</i> , 2015 , 137, 5706-19	16.4	95

92	A Hafnium-Based Metal-Organic Framework as a Nature-Inspired Tandem Reaction Catalyst. <i>Journal of the American Chemical Society</i> , 2015 , 137, 13624-31	16.4	115
91	An Electrochromic Tristable Molecular Switch. <i>Journal of the American Chemical Society</i> , 2015 , 137, 13484-7	16.4	62
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