

J Fraser Stoddart

List of PR Articles by Year in descending order

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1,096

PR articles

104,343

PR citations

80

151

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109

317

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125417

doc citations

82

165

h-index

52022

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Manipulating symmetry-breaking charge separation employing molecular recognition. <i>CheM</i> , 2025, 11, 102248.	16.9	11
2	Dynamic supramolecular snub cubes. <i>Nature</i> , 2025, 637, 347-353.	39.5	38
3	Assembly-enhanced recognition: A biomimetic pathway to achieve ultrahigh affinities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2025, 122, .	7.8	4
4	A Dual-Pathway Responsive Mechanophore for Intelligent Luminescent Polymer Materials. <i>Journal of the American Chemical Society</i> , 2025, 147, 4450-4458.	15.1	13
5	Single-Electron Catalysis of Reversible Cycloadditions under Nanoconfinement. <i>Journal of the American Chemical Society</i> , 2025, 147, 6203-6213.	15.1	11
6	Air-stable radical polycyclic aromatic hydrogen-bonded organic frameworks. <i>CheM</i> , 2025, 11, 102445.	16.9	11
7	Site-selective C-H functionalization in a cyclodextrin metal-organic framework. <i>CheM</i> , 2024, 10, 234-249.	16.9	12
8	Biomimetic Mineralization of Large Enzymes Utilizing a Stable Zirconium-Based Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2024, 146, 5108-5117.	15.1	61
9	Artificial molecular pumps. <i>Nature Reviews Methods Primers</i> , 2024, 4, .	51.6	17
10	Analytical noncovalent electrochemistry for battery engineering. <i>Nature Chemical Engineering</i> , 2024, 1, 251-260.	0.0	12
11	Mirror-image cyclodextrins. <i>Nature Synthesis</i> , 2024, 3, 698-706.	17.5	28
12	Metal-Assisted Carbohydrate Assembly. <i>Journal of the American Chemical Society</i> , 2024, 146, 9801-9810.	15.1	6
13	A Geometrically Flexible Three-Dimensional Nanocarbon. <i>Journal of the American Chemical Society</i> , 2024, 146, 20158-20167.	15.1	11
14	Single crystals of purely organic free-standing two-dimensional woven polymer networks. <i>Nature Chemistry</i> , 2024, 16, 1906-1914.	18.8	46
15	Hydrogen-Bonded Fibrous Nanotubes Assembled from Trigonal Prismatic Building Blocks. <i>Journal of the American Chemical Society</i> , 2024, 146, 21689-21699.	15.1	7
16	Balancing volumetric and gravimetric capacity for hydrogen in supramolecular crystals. <i>Nature Chemistry</i> , 2024, 16, 1982-1988.	18.8	35
17	Concise and Efficient Synthesis of Sequentially Isomeric Hetero[3]rotaxanes. <i>Journal of the American Chemical Society</i> , 2024, 146, 27109-27116.	15.1	4
18	The Story of the Little Blue Box: A Tribute to Siegfried H ₄ nig. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	14.1	60

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19	The Story of the Little Blue Box: A Tribute to Siegfried H ₄ nig. <i>Angewandte Chemie</i> , 2023, 135, .	1.4	2
20	An electric molecular motor. <i>Nature</i> , 2023, 613, 280-286.	39.5	122
21	Color-Tunable Upconversion-Emission Switch Based on Cocrystal-to-Cocrystal Transformation. <i>Journal of the American Chemical Society</i> , 2023, 145, 1855-1865.	15.1	81
22	Sequence-controlled synthesis of rotaxanes. <i>Journal of Polymer Science</i> , 2023, 61, 881-902.	3.9	15
23	Making chiral molecular knots and links stereospecifically. <i>National Science Review</i> , 2023, 10, .	9.8	0
24	High-efficiency gold recovery by additive-induced supramolecular polymerization of β -cyclodextrin. <i>Nature Communications</i> , 2023, 14, .	13.9	52
25	Coherent Vibronic Wavepackets Show Structure-Directed Charge Flow in Host-Guest Donor-Acceptor Complexes. <i>Journal of the American Chemical Society</i> , 2023, 145, 8389-8400.	15.1	11
26	Porous Organic Cages. <i>Chemical Reviews</i> , 2023, 123, 4602-4634.	52.3	374
27	Divinylanthracene-Containing Tetracationic Organic Cyclophane with Near-Infrared Photoluminescence. <i>Journal of the American Chemical Society</i> , 2023, 145, 9182-9190.	15.1	11
28	Triplet-Triplet Annihilation Upconversion in a Porphyrinic Molecular Container. <i>Journal of the American Chemical Society</i> , 2023, 145, 10061-10070.	15.1	47
29	Soluble and Processable Single-Crystalline Cationic Polymers. <i>Journal of the American Chemical Society</i> , 2023, 145, 13223-13231.	15.1	27
30	Quantum Sensing of Electric Fields Using Spin-Correlated Radical Ion Pairs. <i>Journal of the American Chemical Society</i> , 2023, 145, 14922-14931.	15.1	26
31	Robust Single-Supramolecule Switches Operating in Response to Two Different Noncovalent Interactions. <i>Journal of the American Chemical Society</i> , 2023, 145, 18800-18811.	15.1	55
32	Exciplex Emission and Förster Resonance Energy Transfer in Polycyclic Aromatic Hydrocarbon-Based Bischromophoric Cyclophanes and Homo[2]catenanes. <i>Journal of the American Chemical Society</i> , 2023, 145, 18391-18401.	15.1	27
33	Photosalience and Thermal Phase Transitions of Azobenzene- and Crown Ether-Based Complexes in Polymorphic Crystals. <i>Journal of the American Chemical Society</i> , 2023, 145, 21378-21386.	15.1	21
34	Applications of macrocycle-based solid-state host-guest chemistry. <i>Nature Reviews Chemistry</i> , 2023, 7, 768-782.	46.6	127
35	Spin-Frustrated Triradical Trication of PrismCage. <i>Journal of the American Chemical Society</i> , 2023, 145, 18402-18413.	15.1	19
36	Temperature-Triggered Supramolecular Assembly of Organic Semiconductors. <i>Advanced Materials</i> , 2022, 34, .	24.3	15

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37	Color-tunable Supramolecular Luminescent Materials. <i>Advanced Materials</i> , 2022, 34, .	24.3	154
38	Discovery of spontaneous de-interpenetration through charged point-point repulsions. <i>CheM</i> , 2022, 8, 225-242.	16.9	19
39	Weak bonding strategies for achieving regio- and site-selective transformations. <i>CheM</i> , 2022, 8, 414-438.	16.9	71
40	Fluorescence Quenching by Redox Molecular Pumping. <i>Journal of the American Chemical Society</i> , 2022, 144, 3572-3579.	15.1	34
41	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, .	7.8	27
42	Electron-catalysed molecular recognition. <i>Nature</i> , 2022, 603, 265-270.	39.5	90
43	Cyclophane-based two-dimensional polymer formed by an interfacial click reaction. <i>Cell Reports Physical Science</i> , 2022, 3, 100806.	4.9	6
44	BODIPY-Based Polymers of Intrinsic Microporosity for the Photocatalytic Detoxification of a Chemical Threat. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 12596-12605.	8.0	10
45	Polysilicon Microchips Functionalized with Bipyridinium-Based Cyclophanes for a Highly Efficient Cytotoxicity in Cancerous Cells. <i>ACS Nano</i> , 2022, 16, 5358-5375.	15.3	3
46	Helically Chiral Hybrid Cyclodextrin Metal-Organic Framework Exhibiting Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2022, 144, 9380-9389.	15.1	99
47	Fluorescent cyclophanes and their applications. <i>Chemical Society Reviews</i> , 2022, 51, 5557-5605.	37.7	97
48	Mechanically interlocked pyrene-based photocatalysts. <i>Nature Catalysis</i> , 2022, 5, 524-533.	41.4	70
49	Mechanochemical Enhancement of the Structural Stability of Pseudorotaxane Intermediates in the Synthesis of Rotaxanes. <i>Journal of the American Chemical Society</i> , 2022, 144, 12595-12601.	15.1	28
50	Separation of Aromatic Hydrocarbons in Porous Materials. <i>Journal of the American Chemical Society</i> , 2022, 144, 12212-12218.	15.1	116
51	Aggregation-Induced Emission and Circularly Polarized Luminescence Duality in Tetracationic Binaphthyl-Based Cyclophanes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.1	42
52	Aggregation-Induced Emission and Circularly Polarized Luminescence Duality in Tetracationic Binaphthyl-Based Cyclophanes. <i>Angewandte Chemie</i> , 2022, 134, .	1.4	5
53	Controlling dynamics in extended molecular frameworks. <i>Nature Reviews Chemistry</i> , 2022, 6, 705-725.	46.6	51
54	Polyrotaxanes and the pump paradigm. <i>Chemical Society Reviews</i> , 2022, 51, 8450-8475.	37.7	58

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55	Precise Non-Equilibrium Polypropylene Glycol Polyrotaxanes. <i>Journal of the American Chemical Society</i> , 2022, 144, 16898-16904.	15.1	27
56	Alkoxy-Substituted Quadrupolar Fluorescent Dyes. <i>Journal of the American Chemical Society</i> , 2022, 144, 16841-16854.	15.1	19
57	Corralarenes: A Family of Conjugated Tubular Hosts. <i>Journal of the American Chemical Society</i> , 2022, 144, 20351-20362.	15.1	44
58	Tröger's Base Chemistry in Solution and in Zr(IV)-Based Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2022, 144, 22574-22581.	15.1	10
59	Reactions in single-molecule junctions. <i>Nature Reviews Materials</i> , 2022, 8, 165-185.	73.0	80
60	Mechanical Bond-Assisted Full-Spectrum Investigation of Radical Interactions. <i>Journal of the American Chemical Society</i> , 2022, 144, 23168-23178.	15.1	17
61	Thermally Controlled Exciplex Fluorescence in a Dynamic Homo[2]catenane. <i>Journal of the American Chemical Society</i> , 2022, 144, 23551-23559.	15.1	29
62	Radical Cyclic [3]Daisy Chains. <i>Chem</i> , 2021, 7, 174-189.	16.9	37
63	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.	15.1	20
64	Single-Molecule Charge Transport through Positively Charged Electrostatic Anchors. <i>Journal of the American Chemical Society</i> , 2021, 143, 2886-2895.	15.1	66
65	Cyclodextrin Metal-Organic Frameworks and Their Applications. <i>Accounts of Chemical Research</i> , 2021, 54, 1440-1453.	16.7	246
66	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.	14.1	15
67	Photon Upconversion in a Glowing Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2021, 143, 5053-5059.	15.1	54
68	Radical Pairing Interactions in a Molecular Switch Evidenced by Ion Mobility Spectrometry and Infrared Ion Spectroscopy. <i>Angewandte Chemie</i> , 2021, 133, 10137-10143.	1.4	4
69	From molecular to supramolecular electronics. <i>Nature Reviews Materials</i> , 2021, 6, 804-828.	73.0	332
70	Molecular Triangles: A New Class of Macrocycles. <i>Accounts of Chemical Research</i> , 2021, 54, 2027-2039.	16.7	118
71	Emergent behavior in nanoconfined molecular containers. <i>Chem</i> , 2021, 7, 919-947.	16.9	148
72	Molecular Pumps and Motors. <i>Journal of the American Chemical Society</i> , 2021, 143, 5569-5591.	15.1	219

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73	Aromatic hydrocarbon belts. <i>Nature Chemistry</i> , 2021, 13, 402-419.	18.8	196
74	A Donor–Acceptor [2]Catenane for Visible Light Photocatalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 8000-8010.	15.1	88
75	Diverse Proton-Conducting Nanotubes via a Tandem Macrocyclization and Assembly Strategy. <i>Journal of the American Chemical Society</i> , 2021, 143, 8145-8153.	15.1	15
76	Electron-Catalyzed Dehydrogenation in a Single-Molecule Junction. <i>Journal of the American Chemical Society</i> , 2021, 143, 8476-8487.	15.1	48
77	Coordination-Driven Selective Formation of D_{2h} Symmetric Octanuclear Organometallic Cages. <i>Chemistry - A European Journal</i> , 2021, 27, 9524-9528.	3.3	4
78	Selective Separation of Hexachloroplatinate(IV) Dianions Based on Exo-Binding with Cucurbit[6]uril. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17587-17594.	14.1	54
79	Selective Photodimerization in a Cyclodextrin Metal–Organic Framework. <i>Journal of the American Chemical Society</i> , 2021, 143, 9129-9139.	15.1	71
80	Selective Separation of Hexachloroplatinate(IV) Dianions Based on Exo-Binding with Cucurbit[6]uril. <i>Angewandte Chemie</i> , 2021, 133, 17728-17735.	1.4	5
81	Radical-pairing-induced molecular assembly and motion. <i>Nature Reviews Chemistry</i> , 2021, 5, 447-465.	46.6	88
82	The Rise and Promise of Molecular Nanotopology. <i>CCS Chemistry</i> , 2021, 3, 1542-1572.	8.4	96
83	A contorted nanographene shelter. <i>Nature Communications</i> , 2021, 12, .	13.9	20
84	Promotion and suppression of single-molecule conductance by quantum interference in macrocyclic circuits. <i>Matter</i> , 2021, 4, 3662-3676.	15.3	34
85	Chiroptical Properties of Mechanically Interlocked Molecules. <i>Israel Journal of Chemistry</i> , 2021, 61, 608-621.	2.1	31
86	Radically Enhanced Dual Recognition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25454-25462.	14.1	18
87	PCage: Fluorescent Molecular Temples for Binding Sugars in Water. <i>Journal of the American Chemical Society</i> , 2021, 143, 15688-15700.	15.1	46
88	Active mechanisorption driven by pumping cassettes. <i>Science</i> , 2021, 374, 1215-1221.	37.0	152
89	Innenrücktitelbild: Radically Enhanced Dual Recognition (<i>Angew. Chem.</i> 48/2021). <i>Angewandte Chemie</i> , 2021, 133, 25787-25787.	1.4	0
90	Supramolecular Gold Stripping from Activated Carbon Using β -Cyclodextrin. <i>Journal of the American Chemical Society</i> , 2021, 143, 1984-1992.	15.1	51

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91	Integration of Enzymes and Photosensitizers in a Hierarchical Mesoporous Metal-Organic Framework for Light-Driven CO ₂ Reduction. <i>Journal of the American Chemical Society</i> , 2020, 142, 1768-1773.	15.1	268
92	Tuning radical interactions in triradical tricationic complexes by varying host-cavity sizes. <i>Chemical Science</i> , 2020, 11, 107-112.	7.2	17
93	Redox-Active Phenanthrenequinone Triangles in Aqueous Rechargeable Zinc Batteries. <i>Journal of the American Chemical Society</i> , 2020, 142, 2541-2548.	15.1	360
94	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.	15.1	136
95	Hydrogen-Bonded Organic Frameworks: A Rising Class of Porous Molecular Materials. <i>Accounts of Materials Research</i> , 2020, 1, 77-87.	12.5	388
96	Viologen Tweezers to Probe the Force of Individual Donor-Acceptor Interactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 21153-21159.	15.1	21
97	Suit[3]ane. <i>Journal of the American Chemical Society</i> , 2020, 142, 20152-20160.	15.1	26
98	Pumps through the Ages. <i>CheM</i> , 2020, 6, 1952-1977.	16.9	88
99	Artificial Molecular Pump Operating in Response to Electricity and Light. <i>Journal of the American Chemical Society</i> , 2020, 142, 14443-14449.	15.1	60
100	Ring-in-Ring(s) Complexes Exhibiting Tunable Multicolor Photoluminescence. <i>Journal of the American Chemical Society</i> , 2020, 142, 16849-16860.	15.1	78
101	Host-Guest Complexation-Mediated Supramolecular Photon Upconversion. <i>Journal of the American Chemical Society</i> , 2020, 142, 16600-16609.	15.1	40
102	Two-photon excited deep-red and near-infrared emissive organic co-crystals. <i>Nature Communications</i> , 2020, 11, .	13.9	142
103	A diverse view of science to catalyse change. <i>Croatica Chemica Acta</i> , 2020, 93, 77-81.	0.6	2
104	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.	4.7	26
105	Suit[4]ane. <i>Journal of the American Chemical Society</i> , 2020, 142, 10273-10278.	15.1	22
106	Electrochemical Switching of a Fluorescent Molecular Rotor Embedded within a Bistable Rotaxane. <i>Journal of the American Chemical Society</i> , 2020, 142, 11835-11846.	15.1	63
107	Molecular-Pump-Enabled Synthesis of a Daisy Chain Polymer. <i>Journal of the American Chemical Society</i> , 2020, 142, 10308-10313.	15.1	39
108	A precise polyrotaxane synthesizer. <i>Science</i> , 2020, 368, 1247-1253.	37.0	213

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109	Precious metal recovery from electronic waste by a porous porphyrin polymer. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16174-16180.	7.8	251
110	Highly Stable Organic Bisradicals Protected by Mechanical Bonds. Journal of the American Chemical Society, 2020, 142, 7190-7197.	15.1	22
111	Mechanical-Bond-Induced Exciplex Fluorescence in an Anthracene-Based Homo[2]catenane. Journal of the American Chemical Society, 2020, 142, 7956-7967.	15.1	80
112	Cyclophane-Sustained Ultrastable Porphyrins. Journal of the American Chemical Society, 2020, 142, 8938-8945.	15.1	46
113	Giant Conductance Enhancement of Intramolecular Circuits through Interchannel Gating. Matter, 2020, 2, 378-389.	15.3	57
114	Supramolecular Porous Organic Nanocomposites for Heterogeneous Photocatalysis of a Sulfur Mustard Simulant. Advanced Materials, 2020, 32, .	24.3	28
115	Radical-Enriched Artificial Melanin. Chemistry of Materials, 2020, 32, 5759-5767.	6.8	30
116	Mixed-flow design for microfluidic printing of two-component polymer semiconductor systems. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17551-17557.	7.8	36
117	High-Efficiency Gold Recovery Using Cucurbit[6]uril. ACS Applied Materials & Interfaces, 2020, 12, 38768-38777.	8.0	70
118	Non-equilibrium kinetics and trajectory thermodynamics of synthetic molecular pumps. Materials Chemistry Frontiers, 2020, 4, 1304-1314.	6.1	43
119	Synthesis, structures, photophysical properties, and catalytic characteristics of 2,9-dimesityl-1,10-phenanthroline (dmesp) transition metal complexes. Journal of Polymer Science, 2020, 58, 1130-1143.	3.9	9
120	TetrazineBox: A Structurally Transformative Toolbox. Journal of the American Chemical Society, 2020, 142, 5419-5428.	15.1	36
121	XCage: A Tricyclic Octacationic Receptor for Perylene Diimide with Picomolar Affinity in Water. Journal of the American Chemical Society, 2020, 142, 3165-3173.	15.1	84
122	Organic Counteranion Co-assembly Strategy for the Formation of β -Cyclodextrin-Containing Hybrid Frameworks. Journal of the American Chemical Society, 2020, 142, 2042-2050.	15.1	44
123	Single-Crystal Polycationic Polymers Obtained by Single-Crystal-to-Single-Crystal Photopolymerization. Journal of the American Chemical Society, 2020, 142, 6180-6187.	15.1	81
124	Balancing volumetric and gravimetric uptake in highly porous materials for clean energy. Science, 2020, 368, 297-303.	37.0	691
125	Reticular exploration of uranium-based metal-organic frameworks with hexacarboxylate building units. Nano Research, 2020, 14, 376-380.	8.5	35
126	François N. Diederich: Pioneer of carbon allotropes and molecular recognition. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32827-32829.	7.8	0

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127	A Hierarchical Nanoporous Diamondoid Superstructure. <i>CheM</i> , 2019, 5, 2353-2364.	16.9	33
128	Assembly of a Porous Supramolecular Polyknot from Rigid Trigonal Prismatic Building Blocks. <i>Journal of the American Chemical Society</i> , 2019, 141, 12998-13002.	15.1	45
129	Cyclotris(paraquatâ€‹i>p</i>â€‹phenylenes). <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13778-13783.	14.1	10
130	Ligand-Directed Reticular Synthesis of Catalytically Active Missing Zirconium-Based Metalâ€‹Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019, 141, 12229-12235.	15.1	87
131	A Supramolecular Approach for Modulated Photoprotection, Lysosomal Delivery, and Photodynamic Activity of a Photosensitizer. <i>Journal of the American Chemical Society</i> , 2019, 141, 12296-12304.	15.1	72
132	A Molecular Dual Pump. <i>Journal of the American Chemical Society</i> , 2019, 141, 17472-17476.	15.1	64
133	A Redox-Switchable Molecular Zipper. <i>Journal of the American Chemical Society</i> , 2019, 141, 18308-18317.	15.1	35
134	Cyclotris(paraquatâ€‹ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (p) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 Td (â€‹ph	1.4	2
135	Conductive 2D metal-organic framework for high-performance cathodes in aqueous rechargeable zinc batteries. <i>Nature Communications</i> , 2019, 10, .	13.9	608
136	Artificial Allomelanin Nanoparticles. <i>ACS Nano</i> , 2019, 13, 10980-10990.	15.3	91
137	Supramolecular Tessellations by a Rigid Naphthalene Diimide Triangle. <i>Journal of the American Chemical Society</i> , 2019, 141, 17783-17795.	15.1	81
138	Stabilizing the Naphthalenediimide Radical within a Tetracationic Cyclophane. <i>Journal of the American Chemical Society</i> , 2019, 141, 16915-16922.	15.1	59
139	Combining Intra- and Intermolecular Charge Transfer with Polycationic Cyclophanes To Design 2D Tessellations. <i>Journal of the American Chemical Society</i> , 2019, 141, 18727-18739.	15.1	51
140	Inversion of Dispersion: Colloidal Stability of Calixarene-Modified Metalâ€‹Organic Framework Nanoparticles in Nonpolar Media. <i>Journal of the American Chemical Society</i> , 2019, 141, 12182-12186.	15.1	36
141	Guest recognition enhanced by lateral interactions. <i>Chemical Science</i> , 2019, 10, 5114-5123.	7.2	24
142	The Burgeoning of Mechanically Interlocked Molecules in Chemistry. <i>Trends in Chemistry</i> , 2019, 1, 185-197.	7.8	130
143	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.	7.2	20
144	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.	15.1	206

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145	Concepts in the design and engineering of single-molecule electronic devices. <i>Nature Reviews Physics</i> , 2019, 1, 211-230.	32.6	449
146	Reticular Access to Highly Porous <i>MOFs</i> with Rigid Trigonal Prismatic Linkers for Water Sorption. <i>Journal of the American Chemical Society</i> , 2019, 141, 2900-2905.	15.1	223
147	A Dynamic Tetracationic Macrocyclic Exhibiting Photoswitchable Molecular Encapsulation. <i>Journal of the American Chemical Society</i> , 2019, 141, 1280-1289.	15.1	83
148	Interpenetration Isomerism in Triptycene-Based Hydrogen-Bonded Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1664-1669.	14.1	138
149	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.	15.1	114
150	Interpenetration Isomerism in Triptycene-Based Hydrogen-Bonded Organic Frameworks. <i>Angewandte Chemie</i> , 2019, 131, 1678-1683.	1.4	38
151	Towards the Stepwise Assembly of Molecular Borromean Rings. A Donor-Acceptor Ring-in-Ring Complex. <i>Journal of the Mexican Chemical Society</i> , 2019, 53, .	0.8	1
152	Shuttling Rates, Electronic States, and Hysteresis in a Ring-in-Ring Rotaxane. <i>ACS Central Science</i> , 2018, 4, 362-371.	8.9	33
153	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.	7.8	52
154	Toward a Charged Homo[2]catenane Employing Diazaperopyrenium Homophilic Recognition. <i>Journal of the American Chemical Society</i> , 2018, 140, 6540-6544.	15.1	23
155	Hierarchically Engineered Mesoporous Metal-Organic Frameworks toward Cell-free Immobilized Enzyme Systems. <i>CheM</i> , 2018, 4, 1022-1034.	16.9	358
156	X-Shaped Oligomeric Pyromellitimide Polyradicals. <i>Journal of the American Chemical Society</i> , 2018, 140, 515-523.	15.1	17
157	Molecular Russian dolls. <i>Nature Communications</i> , 2018, 9, .	13.9	80
158	Selective Extraction of C_{70} by a Tetragonal Prismatic Porphyrin Cage. <i>Journal of the American Chemical Society</i> , 2018, 140, 13835-13842.	15.1	148
159	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.	7.8	30
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1062	Macrobicyclic polyethers with bridgehead carbon atoms. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1977, , 767.	0.9	42

#	ARTICLE	IF	PR CITATIONS
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1064	Chiral asymmetrical crown-ethers. <i>Carbohydrate Research</i> , 1977, 55, C1-C4.	2.2	28
1065	Enantiomeric differentiation by a chiral symmetrical crown derived from l-iditol. <i>Carbohydrate Research</i> , 1977, 57, C17-C22.	2.2	11
1066	Chiral crowns incorporating pyridyl units and tertiary amine functions. <i>Journal of the Chemical Society Chemical Communications</i> , 1976, , 979.	1.9	26
1067	Enantiomeric differentiation by chiral macrocyclic polyethers derived from D-mannitol and binaphthol. <i>Journal of the Chemical Society Chemical Communications</i> , 1976, , 284.	1.9	22
1068	Conformational behaviour of medium-sized rings. Part III. Heterocyclic analogues of 12,13-dihydro-11H-dibenzo[a,e]cyclononene, 6,11,12,13-tetrahydro-5H-dibenzo[a,e]cyclononene, and 5,6,7,12,13,14-hexahydrodibenzo[a,f]cyclodecene. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1976, , 926.	0.9	7
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1070	The Conformational Behavior of 5,10,11,12-Tetrahydrodibenzo[a,d]cyclooctene. <i>Angewandte Chemie International Edition in English</i> , 1976, 15, 224-225.	4.6	8
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1073	Konformationsuntersuchungen an zwölfgliedrigen Heterocyclen. Kristallstruktur von 5,18-Dimethyl-5,18-diazatribenzo[a,e,i] cyclododecen-6,17(5H,18H)-dion. <i>Angewandte Chemie</i> , 1976, 88, 798-800.		1
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#	ARTICLE	IF	PR CITATIONS
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