

# Peter Stacko

## List of Publications by Year in descending order

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356  
papers

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citations

6840

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docs citations

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times ranked

22100  
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-Driven Spiral Deformation of Supramolecular Helical Microfibers by Localized Photoisomerization. <i>Advanced Optical Materials</i> , 2022, 10, 2101267.	3.6	6
2	Light-gated binding in double-motorized porphyrin cages. <i>Natural Sciences</i> , 2022, 2, .	1.0	1
3	Highly Efficient Biobased Synthesis of Acrylic Acid. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	9
4	Highly Efficient Biobased Synthesis of Acrylic Acid. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	32
5	Acylhydrazine-based reticular hydrogen bonds enable robust, tough, and dynamic supramolecular materials. <i>Science Advances</i> , 2022, 8, eabk3286.	4.7	58
6	In situ EPR and Raman spectroscopy in the curing of bis-methacrylate-styrene resins. <i>RSC Advances</i> , 2022, 12, 2537-2548.	1.7	3
7	Disulfide-Mediated Reversible Polymerization toward Intrinsically Dynamic Smart Materials. <i>Journal of the American Chemical Society</i> , 2022, 144, 2022-2033.	6.6	140
8	Stereodivergent Chirality Transfer by Noncovalent Control of Disulfide Bonds. <i>Journal of the American Chemical Society</i> , 2022, 144, 4376-4382.	6.6	27
9	Controlling rotary motion of molecular motors based on oxindole. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2084-2092.	2.3	9
10	A molecular motor from lignocellulose. <i>Green Chemistry</i> , 2022, 24, 3689-3696.	4.6	10
11	Photoswitchable architecture transformation of a DNA-hybrid assembly at the microscopic and macroscopic scale. <i>Chemical Science</i> , 2022, 13, 3263-3272.	3.7	9
12	Photoactuating Artificial Muscles of Motor Amphiphiles as an Extracellular Matrix Mimetic Scaffold for Mesenchymal Stem Cells. <i>Journal of the American Chemical Society</i> , 2022, 144, 3543-3553.	6.6	27
13	Hypothesis-Driven, Structure-Based Design in Photopharmacology: The Case of eDHFR Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 4798-4817.	2.9	10
14	Digital photoprogramming of liquid-crystal superstructures featuring intrinsic chiral photoswitches. <i>Nature Photonics</i> , 2022, 16, 226-234.	15.6	115
15	Dynamic Control of a Multistate Chiral Supramolecular Polymer in Water. <i>Journal of the American Chemical Society</i> , 2022, 144, 6019-6027.	6.6	36
16	Structure-Photoreactivity Relationship of 3-Hydroxyflavone-Based CO-Releasing Molecules. <i>Journal of Organic Chemistry</i> , 2022, 87, 4750-4763.	1.7	13
17	Structure-Activity Studies of Nitroreductase-Responsive Near-Infrared Heptamethine Cyanine Fluorescent Probes. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	3
18	Mechanistic Insight into Supramolecular Polymerization in Water Tunable by Molecular Geometry. <i>CCS Chemistry</i> , 2022, 4, 2212-2220.	4.6	7

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19	Computational Design, Synthesis, and Photochemistry of Cy7â€PPG, an Efficient NIRâ€Activated Photolabile Protecting Group for Therapeutic Applications**. Angewandte Chemie - International Edition, 2022, 61, e202201308.	7.2	17
20	A proof-of-concept study on the use of a fluorescein-based 18F-tracer for pretargeted PET. EJNMMI Radiopharmacy and Chemistry, 2022, 7, 3.	1.8	1
21	Computational Design, Synthesis, and Photochemistry of Cy7â€PPG, an Efficient NIRâ€Activated Photolabile Protecting Group for Therapeutic Applications**. Angewandte Chemie, 2022, 134, .	1.6	4
22	Transforming Dyes into Fluorophores: Excitonâ€Induced Emission with Chainâ€Like Oligoâ€BODIPY Superstructures. Angewandte Chemie - International Edition, 2022, 61, .	7.2	15
23	Photomodulation of Transmembrane Transport and Potential by Stiff-Stilbene Based Bis(thio)ureas. Journal of the American Chemical Society, 2022, 144, 331-338.	6.6	48
24	A light-fuelled nanoratchet shifts a coupled chemical equilibrium. Nature Nanotechnology, 2022, 17, 159-165.	15.6	41
25	P-chirogenic phosphorus compounds by stereoselective Pd-catalysed arylation of phosphoramidites. Nature Catalysis, 2022, 5, 10-19.	16.1	26
26	Cooperative light-induced breathing of soft porous crystals via azobenzene buckling. Nature Communications, 2022, 13, 1951.	5.8	33
27	Light-Control over Casein Kinase 1Î´ Activity with Photopharmacology: A Clear Case for Arylazopyrazole-Based Inhibitors. International Journal of Molecular Sciences, 2022, 23, 5326.	1.8	5
28	Photouncaging of Carboxylic Acids from Cyanine Dyes with Nearâ€Infrared Light**. Angewandte Chemie - International Edition, 2022, 61, .	7.2	18
29	The Influence of Strain on the Rotation of an Artificial Molecular Motor. Angewandte Chemie - International Edition, 2022, 61, .	7.2	14
30	Strategy for Engineering High Photolysis Efficiency of Photocleavable Protecting Groups through Cation Stabilization. Journal of the American Chemical Society, 2022, 144, 12421-12430.	6.6	22
31	Tuning of Morphology by Chirality in Selfâ€Assembled Structures of Bis(Urea) Amphiphiles in Water. Chemistry - A European Journal, 2021, 27, 326-330.	1.7	2
32	Stepwise Adsorption of Alkoxyâ€Pyrene Derivatives onto a Lamellar, Nonâ€Porous Naphthalenediimideâ€Template on HOPG. Chemistry - A European Journal, 2021, 27, 207-211.	1.7	3
33	Photoresponsive porous materials. Nanoscale Advances, 2021, 3, 24-40.	2.2	62
34	Selfâ€Assembly of Photoresponsive Molecular Amphiphiles in Aqueous Media. Angewandte Chemie - International Edition, 2021, 60, 11604-11627.	7.2	81
35	Fast synthesis and redox switching of di- and tetra-substituted bithioxanthylidene overcrowded alkenes. Chemical Communications, 2021, 57, 7665-7668.	2.2	1
36	Coordination mechanism of cyanine dyes on the surface of core@active shell Î²-NaGdF <sub>4</sub> :Yb <sup>3+</sup> ,Er <sup>3+</sup> nanocrystals and its role in enhancing upconversion luminescence. Journal of Materials Chemistry C, 2021, 9, 16313-16323.	2.7	10

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37	NON-EQUILIBRIUM SYSTEMS AND MOLECULAR MACHINES. , 2021, , .		0
38	Biaryl sulfonamides as <i>cisoid</i> azosteres for photopharmacology. Chemical Communications, 2021, 57, 4126-4129.	2.2	9
39	Pd-catalyzed $sp^2$ - $sp^3$ cross-coupling of benzyl bromides using lithium acetylides. Chemical Communications, 2021, 57, 7529-7532.	2.2	6
40	Photo-crosslinking polymers by dynamic covalent disulfide bonds. Chemical Communications, 2021, 57, 9838-9841.	2.2	32
41	Structural Aspects of Photopharmacology: Insight into the Binding of Photoswitchable and Photocaged Inhibitors to the Glutamate Transporter Homologue. Journal of the American Chemical Society, 2021, 143, 1513-1520.	6.6	29
42	Photopharmacological Manipulation of Mammalian CRY1 for Regulation of the Circadian Clock. Journal of the American Chemical Society, 2021, 143, 2078-2087.	6.6	31
43	Tailoring the optical and dynamic properties of iminothioindoxyl photoswitches through acidochromism. Chemical Science, 2021, 12, 4588-4598.	3.7	13
44	Effect of charge-transfer enhancement on the efficiency and rotary mechanism of an oxindole-based molecular motor. Chemical Science, 2021, 12, 7486-7497.	3.7	22
45	Photophysics of First-Generation Photomolecular Motors: Resolving Roles of Temperature, Friction, and Medium Polarity. Journal of Physical Chemistry A, 2021, 125, 1711-1719.	1.1	8
46	Photoresponsive Helical Motion by Light-Driven Molecular Motors in a Liquid-Crystal Network. Angewandte Chemie, 2021, 133, 8332-8338.	1.6	10
47	Excited State Structure Correlates with Efficient Photoconversion in Unidirectional Motors. Journal of Physical Chemistry Letters, 2021, 12, 3367-3372.	2.1	9
48	Mechanism of Resistance Development in E. coli against TCAT, a Trimethoprim-Based Photoswitchable Antibiotic. Pharmaceuticals, 2021, 14, 392.	1.7	10
49	Chiral Amplification of Phosphoramidates of Amines and Amino Acids in Water. Angewandte Chemie - International Edition, 2021, 60, 11120-11126.	7.2	9
50	Absolute Configuration Determination from Low $\epsilon$ Compounds by the Crystalline Sponge Method. Unusual Conglomerate Formation in a Pre-Determined Crystalline Lattice. Angewandte Chemie - International Edition, 2021, 60, 11809-11813.	7.2	7
51	Dual closed-loop chemical recycling of synthetic polymers by intrinsically reconfigurable poly(disulfides). Matter, 2021, 4, 1352-1364.	5.0	112
52	Multivalent Probes in Molecular Imaging: Reality or Future?. Trends in Molecular Medicine, 2021, 27, 379-393.	3.5	14
53	From Photoinduced Supramolecular Polymerization to Responsive Organogels. Journal of the American Chemical Society, 2021, 143, 5990-5997.	6.6	66
54	Reversible modulation of circadian time with chronophotopharmacology. Nature Communications, 2021, 12, 3164.	5.8	35

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55	Direct Catalytic N-alkylation of $\alpha$ -Amino Acid Esters and Amides Using Alcohols with High Retention of Stereochemistry. <i>ChemSusChem</i> , 2021, 14, 2303-2307.	3.6	6
56	Ultrafast Photoclick Reaction for Selective $^{18}\text{F}$ -Positron Emission Tomography Tracer Synthesis in Flow. <i>Journal of the American Chemical Society</i> , 2021, 143, 10041-10047.	6.6	22
57	Motorized Macrocyclic Host with Switchable and Stereoselective Guest Recognition. <i>Angewandte Chemie</i> , 2021, 133, 16265-16274.	1.6	11
58	Synthesis of Enantioenriched Amines by Iron-catalysed Amination of Alcohols Employing at Least One Achiral Substrate. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 5436-5442.	2.1	7
59	Motorized Macrocyclic Host with Switchable and Stereoselective Guest Recognition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16129-16138.	7.2	57
60	Multistate Switching of Spin Selectivity in Electron Transport through Light-Driven Molecular Motors. <i>Advanced Science</i> , 2021, 8, e2101773.	5.6	17
61	Predicting the substituent effects in the optical and electrochemical properties of N,N <sup>2</sup> -substituted isoindigos. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 927-938.	1.6	5
62	Directing Coupled Motion with Light: A Key Step Toward Machine-Like Function. <i>Chemical Reviews</i> , 2021, 121, 13213-13237.	23.0	53
63	Rational design of a photoswitchable DNA glue enabling high regulatory function and supramolecular chirality transfer. <i>Chemical Science</i> , 2021, 12, 9207-9220.	3.7	21
64	Molecular photoswitches in aqueous environments. <i>Chemical Society Reviews</i> , 2021, 50, 12377-12449.	18.7	170
65	Exploring molecular motors. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2900-2906.	3.2	35
66	Reductive stability evaluation of 6-azopurine photoswitches for the regulation of CK1 $\alpha$ activity and circadian rhythms. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2312-2321.	1.5	15
67	Visible-Light-Driven Rotation of Molecular Motors in Discrete Supramolecular Metallacycles. <i>Journal of the American Chemical Society</i> , 2021, 143, 442-452.	6.6	72
68	Designing light-driven rotary molecular motors. <i>Chemical Science</i> , 2021, 12, 14964-14986.	3.7	85
69	Three-State Switching of an Anthracene Extended Bis-thioxanthylidene with a Highly Stable Diradical State. <i>Journal of the American Chemical Society</i> , 2021, 143, 18020-18028.	6.6	15
70	Phenylimino Indolinone: A Green-Light-Responsive $\pi$ -Type Photoswitch Exhibiting Negative Photochromism. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25290-25295.	7.2	21
71	Photoremovable Protecting Groups: Across the Light Spectrum to Near-Infrared Absorbing Photocages. <i>Chimia</i> , 2021, 75, 873.	0.3	14
72	Stereodivergent Anion Binding Catalysis with Molecular Motors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 785-789.	7.2	60

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73	Programming nanoparticle valence bonds with single-stranded DNA encoders. <i>Nature Materials</i> , 2020, 19, 781-788.	13.3	166
74	Helix Inversion Controlled by Molecular Motors in Multistate Liquid Crystals. <i>Advanced Materials</i> , 2020, 32, e2004420.	11.1	48
75	Molecular motor-functionalized porphyrin macrocycles. <i>Nature Communications</i> , 2020, 11, 5291.	5.8	21
76	Supramolecular control of unidirectional rotary motion in a sterically overcrowded photoswitchable receptor. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3874-3879.	2.3	13
77	Photoresponsive molecular tools for emerging applications of light in medicine. <i>Chemical Science</i> , 2020, 11, 11672-11691.	3.7	142
78	Synthesis of Core-Modified Third-Generation Light-Driven Molecular Motors. <i>Journal of Organic Chemistry</i> , 2020, 85, 10670-10680.	1.7	10
79	Palladium-catalysed cross-coupling of lithium acetylides. <i>Nature Catalysis</i> , 2020, 3, 664-671.	16.1	23
80	Controlled Diffusion of Photoswitchable Receptors by Binding Anti-electrostatic Hydrogen-Bonded Phosphate Oligomers. <i>Journal of the American Chemical Society</i> , 2020, 142, 20014-20020.	6.6	35
81	Correlating the Influence of Disulfides in Monolayers across Photoelectron Spectroscopy Wettability and Tunneling Charge-Transport. <i>Journal of the American Chemical Society</i> , 2020, 142, 15075-15083.	6.6	19
82	Deciphering the Structure–Property Relations in Substituted Heptamethine Cyanines. <i>Journal of Organic Chemistry</i> , 2020, 85, 9776-9790.	1.7	56
83	Bottom-Up: Can Supramolecular Tools Deliver Responsiveness from Molecular Motors to Macroscopic Materials?. <i>Matter</i> , 2020, 3, 355-370.	5.0	58
84	A Chemically Driven Rotary Molecular Motor Based on Reversible Lactone Formation with Perfect Unidirectionality. <i>CheM</i> , 2020, 6, 2420-2429.	5.8	27
85	Powering rotary molecular motors with low-intensity near-infrared light. <i>Science Advances</i> , 2020, 6, .	4.7	24
86	Cyanine–Flavonol Hybrids for Near-Infrared Light-Activated Delivery of Carbon Monoxide. <i>Chemistry - A European Journal</i> , 2020, 26, 13184-13190.	1.7	37
87	All-Photochemical Rotation of Molecular Motors with a Phosphorus Stereoelement. <i>Journal of the American Chemical Society</i> , 2020, 142, 16868-16876.	6.6	27
88	Combinatorial Selection Among Geometrical Isomers of Discrete Long-Carbon-Chain Naphthalenediimides Induces Local Order at the Liquid/Solid Interface. <i>ACS Nano</i> , 2020, 14, 13865-13875.	7.3	4
89	General Principles for the Design of Visible–Light–Responsive Photoswitches: Tetra–ortho–Chloro–Azobenzenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21663-21670.	7.2	80
90	Towards artificial molecular factories from framework-embedded molecular machines. <i>Nature Reviews Chemistry</i> , 2020, 4, 550-562.	13.8	97

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91	General Principles for the Design of Visible-Light-Responsive Photoswitches: Tetra <i>ortho</i> -Chloro-Azobenzenes. <i>Angewandte Chemie</i> , 2020, 132, 21847-21854.	1.6	26
92	A coating from nature. <i>Science Advances</i> , 2020, 6, .	4.7	35
93	Photoinduced swing of a diarylethene thin broad sword shaped crystal: a study on the detailed mechanism. <i>Chemical Science</i> , 2020, 11, 12307-12315.	3.7	29
94	Phosphoramidite-based photoresponsive ligands displaying multifold transfer of chirality in dynamic enantioselective metal catalysis. <i>Nature Catalysis</i> , 2020, 3, 488-496.	16.1	35
95	Dynamic Assemblies of Molecular Motor Amphiphiles Control Macroscopic Foam Properties. <i>Journal of the American Chemical Society</i> , 2020, 142, 10163-10172.	6.6	38
96	Light-induced molecular rotation triggers on-demand release from liposomes. <i>Chemical Communications</i> , 2020, 56, 8774-8777.	2.2	15
97	Modulation of porosity in a solid material enabled by bulk photoisomerization of an overcrowded alkene. <i>Nature Chemistry</i> , 2020, 12, 595-602.	6.6	65
98	Toughening a Self-Healable Supramolecular Polymer by Ionic Cluster-Enhanced Iron-Carboxylate Complexes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5278-5283.	7.2	173
99	Vision Statement: Materials in Motion. <i>Advanced Materials</i> , 2020, 32, e1906416.	11.1	24
100	Toughening a Self-Healable Supramolecular Polymer by Ionic Cluster-Enhanced Iron-Carboxylate Complexes. <i>Angewandte Chemie</i> , 2020, 132, 5316-5321.	1.6	57
101	Synthesis and Functionalization of Allenes by Direct Pd-Catalyzed Organolithium Cross-Coupling. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7823-7829.	7.2	23
102	Ultrafast Excited State Dynamics in a First Generation Photomolecular Motor. <i>ChemPhysChem</i> , 2020, 21, 594-599.	1.0	13
103	Mechanisms of Orthogonal Photodecarbonylation Reactions of 3-Hydroxyflavone-Based Acid-Base Forms. <i>Journal of Organic Chemistry</i> , 2020, 85, 3527-3537.	1.7	27
104	Engineering Long-Range Order in Supramolecular Assemblies on Surfaces: The Paramount Role of Internal Double Bonds in Discrete Long-Chain Naphthalenediimides. <i>Journal of the American Chemical Society</i> , 2020, 142, 4070-4078.	6.6	19
105	Unidirectional rotating molecular motors dynamically interact with adsorbed proteins to direct the fate of mesenchymal stem cells. <i>Science Advances</i> , 2020, 6, eaay2756.	4.7	42
106	Modular Medical Imaging Agents Based on Azide-Alkyne Huisgen Cycloadditions: Synthesis and Pre-Clinical Evaluation of <sup>18</sup> F-Labeled PSMA-Tracers for Prostate Cancer Imaging. <i>Chemistry - A European Journal</i> , 2020, 26, 10871-10881.	1.7	13
107	Modulation of a Supramolecular Figure-of-Eight Strip Based on a Photoswitchable Stiff-Stilbene. <i>Chemistry - A European Journal</i> , 2020, 26, 7783-7787.	1.7	12
108	Visible-Light-Driven Rotation of Molecular Motors in a Dual-Function Metal-Organic Framework Enabled by Energy Transfer. <i>Journal of the American Chemical Society</i> , 2020, 142, 9048-9056.	6.6	86



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109	Red-light-sensitive BODIPY photoprotecting groups for amines and their biological application in controlling heart rhythm. <i>Chemical Communications</i> , 2020, 56, 5480-5483.	2.2	53
110	Photoefficient 2 <sup>nd</sup> generation molecular motors responsive to visible light. <i>Chemical Science</i> , 2019, 10, 8768-8773.	3.7	37
111	Salen <sup>−</sup> -Based Amphiphiles: Directing Self-Assembly in Water by Metal Complexation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14935-14939.	7.2	9
112	Reorganization from Kinetically Stable Aggregation States to Thermodynamically Stable Nanotubes of BINOL-Derived Amphiphiles in Water. <i>Langmuir</i> , 2019, 35, 11821-11828.	1.6	4
113	Object Transportation System Mimicking the Cilia of <i>Paramecium aurelia</i> Making Use of the Light-Controllable Crystal Bending Behavior of a Photochromic Diarylethene. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13308-13312.	7.2	27
114	Assembling a Natural Small Molecule into a Supramolecular Network with High Structural Order and Dynamic Functions. <i>Journal of the American Chemical Society</i> , 2019, 141, 12804-12814.	6.6	190
115	Light-driven Molecular Motors on Surfaces for Single Molecular Imaging. <i>Journal of Visualized Experiments</i> , 2019, . .	0.2	1
116	Light-Modulated Self-Blockage of a Urea Binding Site in a Stiff-Stilbene Based Anion Receptor. <i>ChemPhysChem</i> , 2019, 20, 3306-3310.	1.0	19
117	Controlling the Circadian Clock with High Temporal Resolution through Photodosing. <i>Journal of the American Chemical Society</i> , 2019, 141, 15784-15791.	6.6	37
118	An atom efficient synthesis of tamoxifen. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2315-2320.	1.5	8
119	Light-controlled inhibition of BRAFV600E kinase. <i>European Journal of Medicinal Chemistry</i> , 2019, 179, 133-146.	2.6	31
120	Murahashi Cross-Coupling at 78 °C: A One-Pot Procedure for Sequential C <sup>−</sup> C/C <sup>−</sup> C, C <sup>−</sup> C/C <sup>−</sup> N, and C <sup>−</sup> C/C <sup>−</sup> S Cross-Coupling of Bromo-Chloro-Arenes. <i>Chemistry - A European Journal</i> , 2019, 25, 9180-9184.	1.7	19
121	Iminothioindoxyl as a molecular photoswitch with 100 nm band separation in the visible range. <i>Nature Communications</i> , 2019, 10, 2390.	5.8	63
122	Dual-Controlled Macroscopic Motions in a Supramolecular Hierarchical Assembly of Motor Amphiphiles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10985-10989.	7.2	38
123	Synthesis of Substituted Benzaldehydes via a Two-Step, One-Pot Reduction/Cross-Coupling Procedure. <i>Organic Letters</i> , 2019, 21, 4087-4091.	2.4	6
124	Approach to a Substituted Heptamethine Cyanine Chain by the Ring Opening of Zincke Salts. <i>Journal of the American Chemical Society</i> , 2019, 141, 7155-7162.	6.6	49
125	Visible-Light-Driven Tunable Molecular Motors Based on Oxindole. <i>Journal of the American Chemical Society</i> , 2019, 141, 7622-7627.	6.6	53
126	Photoswitchable catalysis based on the isomerisation of double bonds. <i>Chemical Communications</i> , 2019, 55, 6477-6486.	2.2	118



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127	Unidirectional rotary motion in a metal-organic framework. <i>Nature Nanotechnology</i> , 2019, 14, 488-494.	15.6	162
128	Molecular Memory: Chemical Locking in Molecular Tunneling Junctions Enables Nonvolatile Memory with Large On-Off Ratios (Adv. Mater. 15/2019). <i>Advanced Materials</i> , 2019, 31, 1970111.	11.1	0
129	Pumping a Ring-Sliding Molecular Motion by a Light-Powered Molecular Motor. <i>Journal of Organic Chemistry</i> , 2019, 84, 5790-5802.	1.7	34
130	Taming the Complexity of Donor-Acceptor Stenhouse Adducts: Infrared Motion Pictures of the Complete Switching Pathway. <i>Journal of the American Chemical Society</i> , 2019, 141, 7376-7384.	6.6	66
131	Comparative Study of Photoswitchable Zinc-Finger Domain and AT-Hook Motif for Light-Controlled Peptide-DNA Binding. <i>Chemistry - A European Journal</i> , 2019, 25, 4965-4973.	1.7	12
132	One-pot, modular approach to functionalized ketones <i>via</i> nucleophilic addition/Buchwald-Hartwig amination strategy. <i>Chemical Communications</i> , 2019, 55, 2908-2911.	2.2	7
133	A chiral self-sorting photoresponsive coordination cage based on overcrowded alkenes. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2767-2773.	1.3	36
134	A Visible-Light-Driven Molecular Motor Based on Pyrene. <i>Helvetica Chimica Acta</i> , 2019, 102, e1800221.	1.0	13
135	Axially Chiral Monodentate Phosphorus Ligands for Asymmetric Metal-Catalyzed Reactions. , 2019, , 249-377.		0
136	The (photo)chemistry of Stenhouse photoswitches: guiding principles and system design. <i>Chemical Society Reviews</i> , 2018, 47, 1910-1937.	18.7	208
137	Mapping the Excited-State Potential Energy Surface of a Photomolecular Motor. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6203-6207.	7.2	26
138	Green-Light-Sensitive BODIPY Photoprotecting Groups for Amines. <i>Journal of Organic Chemistry</i> , 2018, 83, 1819-1827.	1.7	56
139	Tailoring Photoisomerization Pathways in Donor-Acceptor Stenhouse Adducts: The Role of the Hydroxy Group. <i>Journal of Physical Chemistry A</i> , 2018, 122, 955-964.	1.1	54
140	Molecular rotary motors: Unidirectional motion around double bonds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9423-9431.	3.3	165
141	Stereospecific Ring Contraction of Bromocycloheptenes through Dyotropic Rearrangements via Nonclassical Carbocation-Anion Pairs. <i>Journal of the American Chemical Society</i> , 2018, 140, 4986-4990.	6.6	17
142	Photoswitching of DNA Hybridization Using a Molecular Motor. <i>Journal of the American Chemical Society</i> , 2018, 140, 5069-5076.	6.6	70
143	Highly Efficient and Robust Enantioselective Liquid-Liquid Extraction of 1,2-Amino Alcohols utilizing VAPOL- and VANOL-based Phosphoric Acid Hosts. <i>ChemSusChem</i> , 2018, 11, 178-184.	3.6	6
144	Fast, Efficient and Low E-Factor One-Pot Palladium-Catalyzed Cross-Coupling of (Hetero)Arenes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9452-9455.	7.2	20

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145	Braking of a Light-Driven Molecular Rotary Motor by Chemical Stimuli. Chemistry - A European Journal, 2018, 24, 81-84.	1.7	25
146	Central-to-Helical-to-Axial-to-Central Transfer of Chirality with a Photoresponsive Catalyst. Journal of the American Chemical Society, 2018, 140, 17278-17289.	6.6	57
147	Supramolecular Packing and Macroscopic Alignment Controls Actuation Speed in Macroscopic Strings of Molecular Motor Amphiphiles. Journal of the American Chemical Society, 2018, 140, 17724-17733.	6.6	46
148	Photoactivation of MDM2 Inhibitors: Controlling Protein-Protein Interaction with Light. Journal of the American Chemical Society, 2018, 140, 13136-13141.	6.6	35
149	Light-Gated Rotation in a Molecular Motor Functionalized with a Dithienylethene Switch. Angewandte Chemie - International Edition, 2018, 57, 10515-10519.	7.2	56
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