

# Ben Feringa

## List of Publications by Year in descending order

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445  
papers

43,919  
citations

2093

100  
h-index

2736

192  
g-index

463  
all docs

463  
docs citations

463  
times ranked

24008  
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	Transforming Dyes into Fluorophores: Exciton-Induced Emission with Chain-Like Oligo-BODIPY Superstructures. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	4
17	Computational Design, Synthesis, and Photochemistry of Cy7-PPG, an Efficient NIR-Activated Photolabile Protecting Group for Therapeutic Applications**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202201308.	7.2	17
18	Computational Design, Synthesis, and Photochemistry of Cy7-PPG, an Efficient NIR-Activated Photolabile Protecting Group for Therapeutic Applications**. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	4

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19	Transforming Dyes into Fluorophores: Exciton-Induced Emission with Chainlike Oligo-BODIPY Superstructures. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	15
20	Phototriggered Complex Motion by Programmable Construction of Light-Driven Molecular Motors in Liquid Crystal Networks. <i>Journal of the American Chemical Society</i> , 2022, 144, 6851-6860.	6.6	15
21	Photomodulation of Transmembrane Transport and Potential by Stiff-Stilbene Based Bis(thio)ureas. <i>Journal of the American Chemical Society</i> , 2022, 144, 331-338.	6.6	48
22	A light-fuelled nanoratchet shifts a coupled chemical equilibrium. <i>Nature Nanotechnology</i> , 2022, 17, 159-165.	15.6	41
23	P-chirogenic phosphorus compounds by stereoselective Pd-catalysed arylation of phosphoramidites. <i>Nature Catalysis</i> , 2022, 5, 10-19.	16.1	26
24	Cooperative light-induced breathing of soft porous crystals via azobenzene buckling. <i>Nature Communications</i> , 2022, 13, 1951.	5.8	33
25	Controlling forward and backward rotary molecular motion on demand. <i>Nature Communications</i> , 2022, 13, 2124.	5.8	15
26	Light-Control over Casein Kinase 1 $\gamma$ Activity with Photopharmacology: A Clear Case for Arylazopyrazole-Based Inhibitors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5326.	1.8	5
27	Light-driven molecular motors embedded in covalent organic frameworks. <i>Chemical Science</i> , 2022, 13, 8253-8264.	3.7	19
28	The Influence of Strain on the Rotation of an Artificial Molecular Motor. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	14
29	Strategy for Engineering High Photolysis Efficiency of Photocleavable Protecting Groups through Cation Stabilization. <i>Journal of the American Chemical Society</i> , 2022, 144, 12421-12430.	6.6	22
30	Cooperative and synchronized rotation in motorized porous frameworks: impact on local and global transport properties of confined fluids. <i>Faraday Discussions</i> , 2021, 225, 286-300.	1.6	16
31	Tuning of Morphology by Chirality in Self-Assembled Structures of Bis(Urea) Amphiphiles in Water. <i>Chemistry - A European Journal</i> , 2021, 27, 326-330.	1.7	2
32	Stepwise Adsorption of Alkoxy-Pyrene Derivatives onto a Lamellar, Non-Porous Naphthalenediimide-Template on HOPG. <i>Chemistry - A European Journal</i> , 2021, 27, 207-211.	1.7	3
33	Cross-coupling of [ <sup>11</sup> C]methylolithium for <sup>11</sup> C-labelled PET tracer synthesis. <i>Chemical Communications</i> , 2021, 57, 203-206.	2.2	5
34	Photoresponsive porous materials. <i>Nanoscale Advances</i> , 2021, 3, 24-40.	2.2	62
35	Self-Assembly of Photoresponsive Molecular Amphiphiles in Aqueous Media. <i>Angewandte Chemie</i> , 2021, 133, 11708-11731.	1.6	18
36	Self-Assembly of Photoresponsive Molecular Amphiphiles in Aqueous Media. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11604-11627.	7.2	81

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37	Fast synthesis and redox switching of di- and tetra-substituted bithioxanthylidene overcrowded alkenes. <i>Chemical Communications</i> , 2021, 57, 7665-7668.	2.2	1
38	Enantioselective $\alpha$ -organocatalysis in disguise by the ligand sphere of chiral metal-templated complexes. <i>Chemical Society Reviews</i> , 2021, 50, 9715-9740.	18.7	31
39	Biaryl sulfonamides as cisoid azosteres for photopharmacology. <i>Chemical Communications</i> , 2021, 57, 4126-4129.	2.2	9
40	Pd-catalyzed $sp^2$ - $sp^3$ cross-coupling of benzyl bromides using lithium acetylides. <i>Chemical Communications</i> , 2021, 57, 7529-7532.	2.2	6
41	Photo-crosslinking polymers by dynamic covalent disulfide bonds. <i>Chemical Communications</i> , 2021, 57, 9838-9841.	2.2	32
42	Structural Aspects of Photopharmacology: Insight into the Binding of Photoswitchable and Photocaged Inhibitors to the Glutamate Transporter Homologue. <i>Journal of the American Chemical Society</i> , 2021, 143, 1513-1520.	6.6	29
43	Photopharmacological Manipulation of Mammalian CRY1 for Regulation of the Circadian Clock. <i>Journal of the American Chemical Society</i> , 2021, 143, 2078-2087.	6.6	31
44	Tailoring the optical and dynamic properties of iminothioindoxyl photoswitches through acidochromism. <i>Chemical Science</i> , 2021, 12, 4588-4598.	3.7	13
45	Effect of charge-transfer enhancement on the efficiency and rotary mechanism of an oxindole-based molecular motor. <i>Chemical Science</i> , 2021, 12, 7486-7497.	3.7	22
46	Photophysics of First-Generation Photomolecular Motors: Resolving Roles of Temperature, Friction, and Medium Polarity. <i>Journal of Physical Chemistry A</i> , 2021, 125, 1711-1719.	1.1	8
47	Photoresponsive Helical Motion by Light-Driven Molecular Motors in a Liquid-Crystal Network. <i>Angewandte Chemie</i> , 2021, 133, 8332-8338.	1.6	10
48	Excited State Structure Correlates with Efficient Photoconversion in Unidirectional Motors. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3367-3372.	2.1	9
49	Photoresponsive Helical Motion by Light-Driven Molecular Motors in a Liquid-Crystal Network. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8251-8257.	7.2	49
50	Mechanism of Resistance Development in <i>E. coli</i> against TCAT, a Trimethoprim-Based Photoswitchable Antibiotic. <i>Pharmaceuticals</i> , 2021, 14, 392.	1.7	10
51	Chiral Amplification of Phosphoramidates of Amines and Amino Acids in Water. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11120-11126.	7.2	9
52	Absolute Configuration Determination from Low ee Compounds by the Crystalline Sponge Method. Unusual Conglomerate Formation in a Pre-Determined Crystalline Lattice. <i>Angewandte Chemie</i> , 2021, 133, 11915-11919.	1.6	0
53	Absolute Configuration Determination from Low ee Compounds by the Crystalline Sponge Method. Unusual Conglomerate Formation in a Pre-Determined Crystalline Lattice. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11809-11813.	7.2	7
54	Dual closed-loop chemical recycling of synthetic polymers by intrinsically reconfigurable poly(disulfides). <i>Matter</i> , 2021, 4, 1352-1364.	5.0	112

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55	From Photoinduced Supramolecular Polymerization to Responsive Organogels. <i>Journal of the American Chemical Society</i> , 2021, 143, 5990-5997.	6.6	66
56	Chiral Amplification of Phosphoramidates of Amines and Amino Acids in Water. <i>Angewandte Chemie</i> , 2021, 133, 11220-11226.	1.6	7
57	Reversible modulation of circadian time with chronopharmacology. <i>Nature Communications</i> , 2021, 12, 3164.	5.8	35
58	Ultrafast Photoclick Reaction for Selective <sup>18</sup> F-Positron Emission Tomography Tracer Synthesis in Flow. <i>Journal of the American Chemical Society</i> , 2021, 143, 10041-10047.	6.6	22
59	Motorized Macrocyclic Host with Switchable and Stereoselective Guest Recognition. <i>Angewandte Chemie</i> , 2021, 133, 16265-16274.	1.6	11
60	Motorized Macrocyclic Host with Switchable and Stereoselective Guest Recognition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16129-16138.	7.2	57
61	Multistate Switching of Spin Selectivity in Electron Transport through Light-Driven Molecular Motors. <i>Advanced Science</i> , 2021, 8, e2101773.	5.6	17
62	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
63	Directing Coupled Motion with Light: A Key Step Toward Machine-Like Function. <i>Chemical Reviews</i> , 2021, 121, 13213-13237.	23.0	53
64	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
65	Molecular photoswitches in aqueous environments. <i>Chemical Society Reviews</i> , 2021, 50, 12377-12449.	18.7	170
66	Exploring molecular motors. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2900-2906.	3.2	35
67	Reductive stability evaluation of 6-azopurine photoswitches for the regulation of CK1 $\pm$ activity and circadian rhythms. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2312-2321.	1.5	15
68	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
69	Designing light-driven rotary molecular motors. <i>Chemical Science</i> , 2021, 12, 14964-14986.	3.7	85
70	Phenylimino Indolinone: A Green-Light-Responsive T $\alpha$ -Type Photoswitch Exhibiting Negative Photochromism. <i>Angewandte Chemie</i> , 2021, 133, 25494.	1.6	2
71	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
72	Phenylimino Indolinone: A Green-Light-Responsive T $\alpha$ -Type Photoswitch Exhibiting Negative Photochromism. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25290-25295.	7.2	21

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73	Stereodivergent Anion Binding Catalysis with Molecular Motors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 785-789.	7.2	60
74	Programming nanoparticle valence bonds with single-stranded DNA encoders. <i>Nature Materials</i> , 2020, 19, 781-788.	13.3	166
75	Helix Inversion Controlled by Molecular Motors in Multistate Liquid Crystals. <i>Advanced Materials</i> , 2020, 32, e2004420.	11.1	48
76	Molecular motor-functionalized porphyrin macrocycles. <i>Nature Communications</i> , 2020, 11, 5291.	5.8	21
77	Supramolecular control of unidirectional rotary motion in a sterically overcrowded photoswitchable receptor. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3874-3879.	2.3	13
78	Photoresponsive molecular tools for emerging applications of light in medicine. <i>Chemical Science</i> , 2020, 11, 11672-11691.	3.7	142
79	Synthesis of Core-Modified Third-Generation Light-Driven Molecular Motors. <i>Journal of Organic Chemistry</i> , 2020, 85, 10670-10680.	1.7	10
80	Palladium-catalysed cross-coupling of lithium acetylides. <i>Nature Catalysis</i> , 2020, 3, 664-671.	16.1	23
81	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
82	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
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	A Facile and Reproducible Synthesis of Near-Infrared Fluorescent Conjugates with Small Targeting Molecules for Microbial Infection Imaging. <i>ACS Omega</i> , 2020, 5, 22071-22080.	1.6	6
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 <i>ortho</i> -ChloroAzobenzenes. <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: Tetraortho-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	A Photocleavable Contrast Agent for Light-Responsive MRI. <i>Pharmaceuticals</i> , 2020, 13, 296.	1.7	2
94	On the Right Track to Artificial Assemblers. <i>CheM</i> , 2020, 6, 2868-2870.	5.8	4
95	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
96	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
97	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
98	Multi-modal control over the assembly of a molecular motor bola-amphiphile in water. <i>Chemical Communications</i> , 2020, 56, 7451-7454.	2.2	14
99	Synthesis and Functionalization of Allenes by Direct Pd-Catalyzed Organolithium Cross-Coupling. <i>Angewandte Chemie</i> , 2020, 132, 7897-7903.	1.6	4
100	Light-induced molecular rotation triggers on-demand release from liposomes. <i>Chemical Communications</i> , 2020, 56, 8774-8777.	2.2	15
101	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
102	Stereodivergent Anion Binding Catalysis with Molecular Motors. <i>Angewandte Chemie</i> , 2020, 132, 795-799.	1.6	14
103	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
104	Vision Statement: Materials in Motion. <i>Advanced Materials</i> , 2020, 32, e1906416.	11.1	24
105	Toughening a Self-Healable Supramolecular Polymer by Ionic Cluster-Enhanced Iron-Carboxylate Complexes. <i>Angewandte Chemie</i> , 2020, 132, 5316-5321.	1.6	57
106	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
107	Ultrafast Excited State Dynamics in a First Generation Photomolecular Motor. <i>ChemPhysChem</i> , 2020, 21, 594-599.	1.0	13
108	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

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109	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
110	Modular Medical Imaging Agents Based on Azide-Alkyne Huisgen Cycloadditions: Synthesis and Preclinical 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
111	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
112	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
113	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
114	Ultrafast Dynamics of Molecular Motors Driven by Near-Infrared Light. , 2020, , .		0
115	Photoefficient 2 <sup>nd</sup> generation molecular motors responsive to visible light. <i>Chemical Science</i> , 2019, 10, 8768-8773.	3.7	37
116	Salen-Based Amphiphiles: Directing Self-Assembly in Water by Metal Complexation. <i>Angewandte Chemie</i> , 2019, 131, 15077-15081.	1.6	1
117	Salen-Based Amphiphiles: Directing Self-Assembly in Water by Metal Complexation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14935-14939.	7.2	9
118	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
119	A light-responsive liposomal agent for MRI contrast enhancement and monitoring of cargo delivery. <i>Chemical Communications</i> , 2019, 55, 10784-10787.	2.2	18
120	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
121	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</i> , 2019, 131, 13442-13446.	1.6	9
122	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
123	Light-driven Molecular Motors on Surfaces for Single Molecular Imaging. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	1
124	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
125	Reversible Photocontrolled Nanopore Assembly. <i>Journal of the American Chemical Society</i> , 2019, 141, 14356-14363.	6.6	48
126	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



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127	Eliminating Fatigue in Surface-Bound Spiropyrans. <i>Journal of Physical Chemistry C</i> , 2019, 123, 25908-25914.	1.5	10
128	An atom efficient synthesis of tamoxifen. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2315-2320.	1.5	8
129	Light-controlled inhibition of BRAFV600E kinase. <i>European Journal of Medicinal Chemistry</i> , 2019, 179, 133-146.	2.6	31
130	Murahashi Cross-Coupling at $-78^{\circ}\text{C}$ : A One-Pot Procedure for Sequential $\text{C}^{\text{C}}/\text{C}^{\text{C}}$ , $\text{C}^{\text{C}}/\text{C}^{\text{N}}$ , and $\text{C}^{\text{C}}/\text{C}^{\text{S}}$ Cross-Coupling of Bromo-Chloro-Arenes. <i>Chemistry - A European Journal</i> , 2019, 25, 9180-9184.	1.7	19
131	Dual-Controlled Macroscopic Motions in a Supramolecular Hierarchical Assembly of Motor Amphiphiles. <i>Angewandte Chemie</i> , 2019, 131, 11101-11105.	1.6	6
132	Iminothioindoxyl as a molecular photoswitch with 100-nm band separation in the visible range. <i>Nature Communications</i> , 2019, 10, 2390.	5.8	63
133	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
134	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
135	Visible-Light-Driven Tunable Molecular Motors Based on Oxindole. <i>Journal of the American Chemical Society</i> , 2019, 141, 7622-7627.	6.6	53
136	Photoswitchable catalysis based on the isomerisation of double bonds. <i>Chemical Communications</i> , 2019, 55, 6477-6486.	2.2	118
137	Easily Accessible, Highly Potent, Photocontrolled Modulators of Bacterial Communication. <i>CheM</i> , 2019, 5, 1293-1301.	5.8	23
138	Unidirectional rotary motion in a metal-organic framework. <i>Nature Nanotechnology</i> , 2019, 14, 488-494.	15.6	162
139	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
140	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
141	Chemical Locking in Molecular Tunneling Junctions Enables Nonvolatile Memory with Large On-Off Ratios. <i>Advanced Materials</i> , 2019, 31, 1807831.	11.1	56
142	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
143	One-pot, modular approach to functionalized ketones via nucleophilic addition/Buchwald-Hartwig amination strategy. <i>Chemical Communications</i> , 2019, 55, 2908-2911.	2.2	7
144	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

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145	A Visible-Light-Driven Molecular Motor Based on Pyrene. <i>Helvetica Chimica Acta</i> , 2019, 102, e1800221.	1.0	13
146	The (photo)chemistry of Stenhouse photoswitches: guiding principles and system design. <i>Chemical Society Reviews</i> , 2018, 47, 1910-1937.	18.7	208
147	Mapping the Excited-State Potential Energy Surface of a Photomolecular Motor. <i>Angewandte Chemie</i> , 2018, 130, 6311-6315.	1.6	6
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