

Burkhard KÄ¶nig

List of Publications by Year in descending order

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596
papers

32,440
citations

5782

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8433

152
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700
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700
docs citations

700
times ranked

25240
citing authors

#	ARTICLE	IF	CITATIONS
1	Single Electron Transfer-Induced Selective α -Oxygenation of Glycine Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 405-412.	2.1	2
2	Intermolecular Photocatalytic Chemo-, Stereo- and Regioselective Thiol-ene Coupling Reaction. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	24
3	Synthesis of 5-unsubstituted dihydropyrimidinone-4-carboxylates from deep eutectic mixtures. <i>Beilstein Journal of Organic Chemistry</i> , 2022, 18, 331-336.	1.3	1
4	Mesoporous Graphitic Carbon Nitride as a Heterogeneous Organic Photocatalyst in the Dual Catalytic Arylation of Alkyl Bis(catecholato)silicates. <i>Organic Letters</i> , 2022, 24, 2483-2487.	2.4	11
5	Photoredox-Catalyzed Site-Selective Generation of Carbanions from $C(sp^3)H$ Bonds in Amines. <i>ACS Catalysis</i> , 2022, 12, 3974-3984.	5.5	20
6	Decarboxylative Ritter-Type Amination by Cooperative Iodine (I/III)-Boron Lewis Acid Catalysis. <i>ACS Catalysis</i> , 2022, 12, 809-817.	5.5	28
7	Synthesis of Unnatural α -Amino Acid Derivatives via Photoredox Activation of Inert $C(sp^3)H$ Bonds. <i>Organic Letters</i> , 2022, 24, 4793-4797.	2.4	19
8	$C(sp^3)H$ Ritter amination by excitation of <i>in situ</i> generated iodine(scp^{iii}/scp^i)- BF_3 complexes. <i>Chemical Communications</i> , 2022, 58, 8778-8781.	2.2	18
9	Photoangeregte Anionen in organischen Reaktionen. <i>Angewandte Chemie</i> , 2021, 133, 6338-6363.	1.6	13
10	Synthesis of anti-Markovnikov Alcohols via Epoxidation and Hydrogenation of Styrenes using Photocatalytically Generated Redox Equivalents. <i>ChemPhotoChem</i> , 2021, 5, 362-368.	1.5	6
11	Excited State Anions in Organic Transformations. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6270-6292.	7.2	85
12	Towards Photochromic Azobenzene-Based Inhibitors for Tryptophan Synthase. <i>Chemistry - A European Journal</i> , 2021, 27, 2439-2451.	1.7	11
13	Visible-Light-Promoted Metal-Free Synthesis of (Hetero)Aromatic Nitriles from $C(sp^3)H$ Bonds**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2439-2445.	7.2	39
14	All-organic Z-scheme photoreduction of CO_2 with water as the donor of electrons and protons. <i>Applied Catalysis B: Environmental</i> , 2021, 285, 119773.	10.8	19
15	Strategies for the Photocatalytic Generation of Carbanion Equivalents for Reductant-Free $C-C$ Bond Formations. <i>Accounts of Chemical Research</i> , 2021, 54, 242-252.	7.6	53
16	Visible-Light-Promoted Metal-Free Synthesis of (Hetero)Aromatic Nitriles from $C(sp^3)H$ Bonds**. <i>Angewandte Chemie</i> , 2021, 133, 2469-2475.	1.6	3
17	Photocatalyzed Intramolecular [2+2] Cycloaddition of α -Alkyl- β - α -arylvinylyl) cinnamamides. <i>Chemistry - A European Journal</i> , 2021, 27, 3722-3728.	1.7	12
18	Mizoroki-Heck type reactions and synthesis of 1,4-dicarbonyl compounds by heterogeneous organic semiconductor photocatalysis. <i>Green Chemistry</i> , 2021, 23, 2017-2024.	4.6	20

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19	Photocatalytic (Het)arylation of C(sp ³)â€“H Bonds with Carbon Nitride. ACS Catalysis, 2021, 11, 1593-1603.	5.5	74
20	Excitedâ€“State 2,3â€“Dichloroâ€“5,6â€“dicyanoâ€“1,4â€“benzoquinone (DDQ*) Initiated Organic Synthetic Transformations under Visibleâ€“Light Irradiation. European Journal of Organic Chemistry, 2021, 2021, 2145-2161.	1.2	33
21	Photosubstitution in Dicyanobenzene-based Photocatalysts. Organic Letters, 2021, 23, 3146-3150.	2.4	28
22	Enhanced C2 and C3 Product Selectivity in Electrochemical CO2 Reduction on Carbon-Doped Copper Oxide Catalysts Prepared by Deep Eutectic Solvent Calcination. Catalysts, 2021, 11, 542.	1.6	4
23	Cesium Carbonate Catalyzed Oxaâ€“Michael Addition of Oximes to Acrylonitrile. ChemistrySelect, 2021, 6, 4107-4111.	0.7	4
24	Effects of Light Intensity and Reaction Temperature on Photoreactions in Commercial Photoreactors. ChemPhotoChem, 2021, 5, 808-814.	1.5	41
25	Katalytische Erzeugung von Carbanionen durch Carbonylâ€“Umpolung. Angewandte Chemie, 2021, 133, 21792-21802.	1.6	7
26	Defluorodearomatization: A Photocatalytic Birch-Like Reduction That Enables Câ€“C Bond Formation and Provides Access to Unnatural Cannabinoids. Journal of Organic Chemistry, 2021, 86, 7928-7945.	1.7	7
27	Catalytic Generation of Carbanions through Carbonyl Umpolung. Angewandte Chemie - International Edition, 2021, 60, 21624-21634.	7.2	49
28	Photo-induced thiolate catalytic activation of inert Caryl-hetero bonds for radical borylation. Chem, 2021, 7, 1653-1665.	5.8	55
29	Cerium-photocatalyzed aerobic oxidation of benzylic alcohols to aldehydes and ketones. Beilstein Journal of Organic Chemistry, 2021, 17, 1727-1732.	1.3	8
30	Photocatalytic Câ€“H Trifluoromethylthiolation by the Decatungstate Anion. Organic Letters, 2021, 23, 5729-5733.	2.4	40
31	Electroâ€“mediated PhotoRedox Catalysis for Selective C(sp ³)â€“O Cleavages of Phosphinated Alcohols to Carbanions. Angewandte Chemie - International Edition, 2021, 60, 20817-20825.	7.2	81
32	Electroâ€“mediated PhotoRedox Catalysis for Selective C(sp ³)â€“O Cleavages of Phosphinated Alcohols to Carbanions. Angewandte Chemie, 2021, 133, 20985-20993.	1.6	18
33	Light-Induced Single-Electron Transfer Processes Involving Sulfur Anions as Catalysts. Journal of the American Chemical Society, 2021, 143, 15530-15537.	6.6	48
34	Subunit-Specific Photocontrol of Glycine Receptors by Azobenzene-Nitrazepam Photoswitcher. ENeuro, 2021, 8, ENEURO.0294-20.2020.	0.9	9
35	Photocatalytic synthesis of tetra-substituted furans promoted by carbon dioxide. Chemical Science, 2021, 13, 241-246.	3.7	7
36	Oxidative Photochlorination of Electronâ€“Rich Arenes via in situ Bromination. European Journal of Organic Chemistry, 2020, 2020, 1491-1495.	1.2	16

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37	Photochemical Functionalization of Helicenes. <i>Chemistry - A European Journal</i> , 2020, 26, 543-547.	1.7	15
38	Visible-Light-Driven Thiol-Cyne Reaction: A Practical Synthesis of (1,2-diarylvinyloxy)arylethyl sulfides. <i>ChemPhotoChem</i> , 2020, 4, 291-293.	1.5	11
39	Photocatalytic activation of alkyl chlorides by assembly-promoted single electron transfer in microheterogeneous solutions. <i>Nature Catalysis</i> , 2020, 3, 40-47.	16.1	148
40	A Retrosynthetic Approach for Photocatalysis. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1193-1244.	1.2	43
41	Optical analysis and separation of trivalent lanthanides in deep eutectic solvents. <i>Journal of Rare Earths</i> , 2020, 38, 784-792.	2.5	11
42	Synthesis and Characterization of Naphtho[2,1-b:7,8-b']bis[1]benzothiophene. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 66-69.	1.2	6
43	Synthetische Photoelektrochemie. <i>Angewandte Chemie</i> , 2020, 132, 11828-11844.	1.6	40
44	Synthetic Photoelectrochemistry. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11732-11747.	7.2	261
45	Redox-Neutral Photocatalytic C-H Carboxylation of Arenes and Styrenes with CO ₂ . <i>Chem</i> , 2020, 6, 2658-2672.	5.8	73
46	Pyrolysis of Deep Eutectic Solvents for the Preparation of Supported Copper Electrocatalysts. <i>ChemistrySelect</i> , 2020, 5, 11714-11720.	0.7	3
47	Selectivity control in thiol-cyne click reactions via visible light induced associative electron upconversion. <i>Chemical Science</i> , 2020, 11, 10061-10070.	3.7	47
48	Photocatalytic Reductive Radical-Polar Crossover for a Base-Free Corey-Seebach Reaction. <i>Chemistry - A European Journal</i> , 2020, 26, 12945-12950.	1.7	28
49	Significance of the Protein Interface Configuration for Allostery in Imidazole Glycerol Phosphate Synthase. <i>Biochemistry</i> , 2020, 59, 2729-2742.	1.2	15
50	Deazaflavin reductive photocatalysis involves excited semiquinone radicals. <i>Nature Communications</i> , 2020, 11, 3174.	5.8	37
51	Photophysical Activity and Host-Guest Behavior of Ruthenium Polypyridyl Catalysts Encapsulated in Cucurbit[10]uril. <i>Inorganic Chemistry</i> , 2020, 59, 9135-9142.	1.9	13
52	Activated carbon as catalyst support: precursors, preparation, modification and characterization. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1188-1202.	1.3	81
53	Dearomative Cycloadditions Utilizing an Organic Photosensitizer: An Alternative to Iridium Catalysis. <i>Organic Letters</i> , 2020, 22, 5035-5040.	2.4	59
54	Chemical Photocatalysis – Do It Right!. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1191-1192.	1.2	15

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55	Umpolung Difunctionalization of Carbonyls via Visible-Light Photoredox Catalytic Radical-Carbanion Relay. <i>Journal of the American Chemical Society</i> , 2020, 142, 7524-7531.	6.6	98
56	Minisci C-H Alkylation of Heteroarenes Enabled by Dual Photoredox/Bromide Catalysis in Micellar Solutions**. <i>Chemistry - A European Journal</i> , 2020, 26, 15323-15329.	1.7	23
57	3. Flavin photocatalysis. , 2020, , 45-72.		6
58	Copper(II)-Photocatalyzed N-H Alkylation with Alkanes. <i>ACS Catalysis</i> , 2020, 10, 8582-8589.	5.5	56
59	Tariquidar-related triazoles as potent, selective and stable inhibitors of ABCG2 (BCRP). <i>European Journal of Medicinal Chemistry</i> , 2020, 191, 112133.	2.6	22
60	Photomodulation of Inhibitory Neurotransmission. Insights from Molecular Modeling. <i>Biophysical Journal</i> , 2020, 118, 325a-326a.	0.2	0
61	Photochromic Evaluation of <i>3(5)-Arylazo-1<i>H</i>-pyrazoles</i> . <i>Journal of Organic Chemistry</i> , 2020, 85, 4079-4088.	1.7	27
62	Photo-Ni-Dual-Catalytic C(sp ²)-C(sp ³) Cross-Coupling Reactions with Mesoporous Graphitic Carbon Nitride as a Heterogeneous Organic Semiconductor Photocatalyst. <i>ACS Catalysis</i> , 2020, 10, 3526-3532.	5.5	63
63	Structure-based development of caged dopamine D2/D3 receptor antagonists. <i>Scientific Reports</i> , 2020, 10, 829.	1.6	14
64	Photocatalytic Synthesis of Polycyclic Indolones. <i>Chemistry - A European Journal</i> , 2020, 26, 7004-7007.	1.7	28
65	Optical Control of GABA _A Receptors with a Fulgimide-Based Potentiator. <i>Chemistry - A European Journal</i> , 2020, 26, 12722-12727.	1.7	12
66	C(sp ³)-C(sp ³) Cross-Coupling of Alkyl Bromides and Ethers Mediated by Metal and Visible Light Photoredox Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2367-2372.	2.1	37
67	Photocontrol of Endogenous Glycine Receptors In Vivo. <i>Cell Chemical Biology</i> , 2020, 27, 1425-1433.e7.	2.5	16
68	Photo-nickel dual catalytic benzylation of aryl bromides. <i>Chemical Communications</i> , 2019, 55, 10796-10799.	2.2	33
69	Birch-type Photoreduction of Arenes and Heteroarenes by Sensitized Electron Transfer. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14289-14294.	7.2	132
70	Birch-type Photoreduction of Arenes and Heteroarenes by Sensitized Electron Transfer. <i>Angewandte Chemie</i> , 2019, 131, 14427-14432.	1.6	34
71	Photocarboxylation of Benzylic C-H Bonds. <i>Journal of the American Chemical Society</i> , 2019, 141, 11393-11397.	6.6	201
72	Organic semiconductor photocatalyst can bifunctionalize arenes and heteroarenes. <i>Science</i> , 2019, 365, 360-366.	6.0	416

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73	Front Cover Picture: Photocatalytic Oxidative Iodination of Electron-Rich Arenes (Adv. Synth. Catal.) Tj ETQq1 1 0,784314 rgBT /Ove	2.1	14
74	Light Regulation of Enzyme Allostery through Photo-responsive Unnatural Amino Acids. Cell Chemical Biology, 2019, 26, 1501-1514.e9.	2.5	25
75	Single-molecule photoredox catalysis. Chemical Science, 2019, 10, 681-687.	3.7	40
76	Utilising excited state organic anions for photoredox catalysis: activation of (hetero)aryl chlorides by visible light-absorbing 9-anthrolate anions. Faraday Discussions, 2019, 215, 364-378.	1.6	43
77	Alkenylation of unactivated alkyl bromides through visible light photocatalysis. Chemical Communications, 2019, 55, 107-110.	2.2	61
78	Visible-light mediated C-C bond cleavage of 1,2-diols to carbonyls by cerium-photocatalysis. Chemical Communications, 2019, 55, 486-488.	2.2	59
79	Beyond artificial photosynthesis: general discussion. Faraday Discussions, 2019, 215, 422-438.	1.6	0
80	Biological approaches to artificial photosynthesis: general discussion. Faraday Discussions, 2019, 215, 66-83.	1.6	0
81	Synthetic approaches to artificial photosynthesis: general discussion. Faraday Discussions, 2019, 215, 242-281.	1.6	5
82	<i>In My Element</i> : Magnesium. Chemistry - A European Journal, 2019, 25, 8176-8176.	1.7	2
83	Site-Selective, Remote sp^3 C-H Carboxylation Enabled by the Merger of Photoredox and Nickel Catalysis. Chemistry - A European Journal, 2019, 25, 9001-9005.	1.7	78
84	Photocatalytic Oxidative Iodination of Electron-Rich Arenes. Advanced Synthesis and Catalysis, 2019, 361, 3998-4004.	2.1	18
85	Azologization of serotonin 5-HT ₃ receptor antagonists. Beilstein Journal of Organic Chemistry, 2019, 15, 780-788.	1.3	11
86	CO ₂ or SO ₂ : Should It Stay, or Should It Go?. Journal of Organic Chemistry, 2019, 84, 6232-6243.	1.7	34
87	Visible Light-Induced Regioselective Cycloaddition of Benzoyl Azides and Alkenes To Yield Oxazolines. Journal of Organic Chemistry, 2019, 84, 6278-6285.	1.7	27
88	Photocatalytic carbanion generation - benzylation of aliphatic aldehydes to secondary alcohols. Chemical Science, 2019, 10, 5162-5166.	3.7	84
89	Visible-Light-Mediated Synthesis of α -Chloro Ketones from Aryl Cyclopropanes. Angewandte Chemie - International Edition, 2019, 58, 8577-8580.	7.2	52
90	Fulgimides as Light-Activated Tools in Biological Investigations. European Journal of Organic Chemistry, 2019, 2019, 5018-5024.	1.2	32

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91	Controllable Isomerization of Alkenes by Dual Visible-Light-Cobalt Catalysis. <i>Angewandte Chemie</i> , 2019, 131, 5779-5784.	1.6	32
92	Photoinitiated carbonyl-metathesis: deoxygenative reductive olefination of aromatic aldehydes via photoredox catalysis. <i>Chemical Science</i> , 2019, 10, 4580-4587.	3.7	52
93	Decarboxylative hydrazination of unactivated carboxylic acids by cerium photocatalysis. <i>Chemical Communications</i> , 2019, 55, 3489-3492.	2.2	103
94	Controllable Isomerization of Alkenes by Dual Visible-Light-Cobalt Catalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5723-5728.	7.2	125
95	Durch sichtbares Licht vermittelte Synthese von β -Chlorketonen aus Arylcyclopropanen. <i>Angewandte Chemie</i> , 2019, 131, 8665-8669.	1.6	5
96	A photoswitchable GABA receptor channel blocker. <i>British Journal of Pharmacology</i> , 2019, 176, 2661-2677.	2.7	20
97	<i>N</i> -Arylation of <i>NH</i> -Sulfoximines via Dual Nickel Photocatalysis. <i>Organic Letters</i> , 2019, 21, 2740-2744.	2.4	43
98	Heteroaryl azo dyes as molecular photoswitches. <i>Nature Reviews Chemistry</i> , 2019, 3, 133-146.	13.8	356
99	Substituent Effects on 3-Arylazoindole Photoswitches. <i>Journal of Organic Chemistry</i> , 2019, 84, 6565-6575.	1.7	21
100	Decarboxylative Cyanation of Aliphatic Carboxylic Acids via Visible-Light Flavin Photocatalysis. <i>Organic Letters</i> , 2019, 21, 1368-1373.	2.4	71
101	Unraveling the Thermal Isomerization Mechanisms of Heteroaryl Azoswitches: Phenylazoindoles as Case Study. <i>Journal of Physical Chemistry A</i> , 2019, 123, 1814-1823.	1.1	30
102	Visible light induced redox neutral fragmentation of 1,2-diol derivatives. <i>Chemical Communications</i> , 2019, 55, 13144-13147.	2.2	29
103	Photocatalytic carbanion generation from C-H bonds reductant free Barbier/Grignard-type reactions. <i>Chemical Science</i> , 2019, 10, 10991-10996.	3.7	38
104	Visible-Light-Mediated Liberation and In Situ Conversion of Fluorophosgene. <i>Chemistry - A European Journal</i> , 2019, 25, 361-366.	1.7	26
105	Light-Switchable Antagonists for the Histamine H_{1} Receptor at the Isolated Guinea Pig Ileum. <i>ChemMedChem</i> , 2019, 14, 636-644.	1.6	7
106	Deep eutectic solvents as extraction media for metal salts and oxides exemplarily shown for phosphates from incinerated sewage sludge ash. <i>Green Chemistry</i> , 2019, 21, 321-328.	4.6	69
107	Metal-free Semiconductor Photocatalysis for sp^2 C-H Functionalization with Molecular Oxygen. <i>ChemCatChem</i> , 2019, 11, 703-706.	1.8	37
108	Photochromic peptidic NPY Y_{4} receptor ligands. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2467-2478.	1.5	13

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109	Impact of visible-light photoredox catalysis on traditional synthetic protocols. <i>Photochemistry</i> , 2019, 326-343.	0.2	0
110	Photokatalyse mit sichtbarem Licht: Welche Bedeutung hat sie für die organische Synthese?. <i>Angewandte Chemie</i> , 2018, 130, 10188-10228.	1.6	360
111	Visible-Light Photocatalysis: Does It Make a Difference in Organic Synthesis?. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10034-10072.	7.2	1,459
112	Tuning the Thermal Isomerization of Phenylazoindole Photoswitches from Days to Nanoseconds. <i>Journal of the American Chemical Society</i> , 2018, 140, 2940-2946.	6.6	92
113	Visible-Light-Mediated Nitration of Protected Anilines. <i>Journal of Organic Chemistry</i> , 2018, 83, 2802-2807.	1.7	39
114	Ligand-Controlled Regioselective Hydrocarboxylation of Styrenes with CO ₂ by Combining Visible Light and Nickel Catalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 3198-3201.	6.6	166
115	Plasmon-enhanced light absorption at organic-coated interfaces: collectivity matters. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1413-1420.	2.7	11
116	Structural basis of small-molecule inhibition of human multidrug transporter ABCG2. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 333-340.	3.6	258
117	Photocatalytic Oxidative Bromination of Electron-Rich Arenes and Heteroarenes by Anthraquinone. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 626-630.	2.1	60
118	Anthraquinones as Photoredox Catalysts for the Reductive Activation of Aryl Halides. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 34-40.	1.2	98
119	Preparation of Propargyl Amines in a ZnCl ₂ -Dimethylurea Deep-Eutectic Solvent. <i>Synlett</i> , 2018, 29, 185-188.	1.0	12
120	Front Cover Picture: Photocatalytic Oxidative Bromination of Electron-Rich Arenes and Heteroarenes by Anthraquinone (<i>Adv. Synth. Catal.</i> 4/2018). <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 601-601.	2.1	0
121	Decarboxylative reactions with and without light – a comparison. <i>Green Chemistry</i> , 2018, 20, 323-361.	4.6	311
122	Oxidative homodimerization of substituted olefins by DDQ visible light photocatalysis. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3553-3556.	2.3	21
123	Chemical Photocatalysis with Rhodamine 6G: Investigation of Photoreduction by Simultaneous Fluorescence Correlation Spectroscopy and Fluorescence Lifetime Measurements. <i>Journal of Physical Chemistry B</i> , 2018, 122, 10728-10735.	1.2	19
124	Transition metal- and photoredox-catalyzed valorisation of lignin subunits. <i>Green Chemistry</i> , 2018, 20, 4844-4852.	4.6	34
125	MRSA decolonization of human skin via photodynamic treatment. <i>British Journal of Dermatology</i> , 2018, 179, e242-e242.	1.4	2
126	éçšèžřš...%ãš“ãš»ç—ãžçžšãšçšè,çš,, MRSA éžæ®—æ°ãCE—æ²»ç—. <i>British Journal of Dermatology</i> , 2018, 179, e250-e257.	1.4	2

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127	Development of photoswitchable inhibitors for Î²-galactosidase. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7430-7437.	1.5	16
128	Synthesis of aryl sulfides via radical-radical cross coupling of electron-rich arenes using visible light photoredox catalysis. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2520-2528.	1.3	6
129	Rapid Access to Bi- and Tri-Functionalized Dibenzofurans and their Application in Selective Suzuki-Miyaura Cross Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5644-5656.	1.2	8
130	Reinventing the De Mayo reaction: synthesis of 1,5-diketones or 1,5-ketoesters via visible light [2+2] cycloaddition of Î²-diketones or Î²-ketoesters with styrenes. <i>Chemical Communications</i> , 2018, 54, 11602-11605.	2.2	39
131	Photodynamic inactivation of bacteria to decolonize meticillin-resistant <i>Staphylococcus aureus</i> from human skin. <i>British Journal of Dermatology</i> , 2018, 179, 1358-1367.	1.4	12
132	Artificial Light Regulation of an Allosteric Bienenzyme Complex by a Photosensitive Ligand. <i>ChemBioChem</i> , 2018, 19, 1750-1757.	1.3	19
133	Air-Sensitive Photoredox Catalysis Performed under Aerobic Conditions in Gel Networks. <i>Journal of Organic Chemistry</i> , 2018, 83, 7928-7938.	1.7	22
134	Photochromic Indolyl Fulgimides as Chromo-pharmacophores Targeting Sirtuins. <i>Journal of Organic Chemistry</i> , 2018, 83, 7919-7927.	1.7	17
135	Atom-Economic Electron Donors for Photobiocatalytic Halogenations. <i>ChemCatChem</i> , 2018, 10, 3960-3963.	1.8	45
136	Photocatalytic formation of carbon-sulfur bonds. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 54-83.	1.3	132
137	Photoredox Catalytic Organic Transformations using Heterogeneous Carbon Nitrides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15936-15947.	7.2	339
138	Photocatalytic Barbier reaction via visible-light induced allylation and benzylation of aldehydes and ketones. <i>Chemical Science</i> , 2018, 9, 7230-7235.	3.7	62
139	Tariquidar-Related Chalcones and Ketones as ABCG2 Modulators. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 854-859.	1.3	12
140	Photoredoxkatalytische organische Umwandlungen an heterogenen Kohlenstoffnitriden. <i>Angewandte Chemie</i> , 2018, 130, 16164-16176.	1.6	55
141	Flavin photocatalysis. <i>Physical Sciences Reviews</i> , 2018, 3, .	0.8	27
142	Visible-Light-Mediated Photoredox-Catalyzed N-Arylation of N-Sulfoximines with Electron-Rich Arenes. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3277-3285.	2.1	48
143	1,10-Phenanthroline-dithiine iridium and ruthenium complexes: synthesis, characterization and photocatalytic dihydrogen evolution. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1056-1067.	1.6	8
144	Organic Synthesis without Conventional Solvents. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4213-4232.	1.2	53

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145	Photocatalytic Oxidation of Sulfinates to Vinyl Sulfones with Cyanamide-Functionalised Carbon Nitride. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2179-2185.	1.2	43
146	Photocatalytic N-formylation of amines via a reductive quenching cycle in the presence of air. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2536-2540.	1.5	21
147	Photocatalytic Phenol-Arene C-C and C-O Cross-Dehydrogenative Coupling. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2194-2204.	1.2	32
148	Synthesis of Arylated Nucleobases by Visible Light Photoredox Catalysis. <i>Journal of Organic Chemistry</i> , 2017, 82, 3552-3560.	1.7	44
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592	A Synthetic Equivalent for [2.2]Paracyclophane-1,9-diyne: Octaphenyl-1:2,9:10-dibenzo[2,2]paracyclophane-1,9-diene and Its Reduction to the Hexaanion. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 1418-1419.	4.4	14
593	Three paramagnetic reduction stages of phenyl-substituted 1,2:9,10-dibenzo[2.2]paracyclophane-1,9-dienes. Radical anions, triplet dianions, and radical trianions as studied by ESR and ENDOR spectroscopy. <i>Journal of the American Chemical Society</i> , 1990, 112, 6827-6832.	6.6	21
594	Zur Kenntniss der Leukoverbindungen von Oxyketonen. <i>Berichte Der Deutschen Chemischen Gesellschaft Zu Berlin</i> , 1906, 39, 4027-4031.	0.3	11

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595	Unraveling the Thermal Isomerization Mechanisms of Heteroaryl Azoswitches: Phenylazindoles as Case Study. SSRN Electronic Journal, 0, , .	0.4	1
596	Intermolecular Photocatalytic Chemo-, Stereo- and Regioselective Thiol-ene Coupling Reaction. Angewandte Chemie, 0, , .	1.6	1