Burkhard KÃ¶nig

List of Publications by Year
in descending order

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602	32,440	4960 84	7348 152
papers	citations	h-index	g-index

700	700	700	22907
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single Electron Transferâ€Induced Selective Î±â€Oxygenation of Glycine Derivatives. Advanced Synthesis and Catalysis, 2022, 364, 405-412.	4.3	2
2	Intermolecular Photocatalytic Chemoâ€, Stereoâ€•and Regioselective Thiolâ€“Yneâ€“Ene Coupling Reaction. Angewandte Chemie - International Edition, 2022, 61, .	13.8	24
3	Synthesis of 5-unsubstituted dihydropyrimidinone-4-carboxylates from deep eutectic mixtures. Beilstein Journal of Organic Chemistry, 2022, 18, 331-336.	2.2	1
4	Mesoporous Graphitic Carbon Nitride as a Heterogeneous Organic Photocatalyst in the Dual Catalytic Arylation of Alkyl Bis(catecholato)silicates. Organic Letters, 2022, 24, 2483-2487.	4.6	11
5	Photoredox-Catalyzed Site-Selective Generation of Carbanions from C(sp³)â€“H Bonds in Amines. ACS Catalysis, 2022, 12, 3974-3984.	11.2	20
6	Decarboxylative Ritter-Type Amination by Cooperative Iodine (I/III)â”€Boron Lewis Acid Catalysis. ACS Catalysis, 2022, 12, 809-817.	11.2	28
7	Synthesis of Unnatural Î±-Amino Acid Derivatives via Photoredox Activation of Inert C(sp³)â€“H Bonds. Organic Letters, 2022, 24, 4793-4797.	4.6	19
8	C(sp³)â€“H Ritter amination by excitation of in situ generated iodine(<scp>iii</scp>)â€“BF₃ complexes. Chemical Communications, 2022, 58, 8778-8781.	4.1	18
9	Photoangeregte Anionen in organischen Reaktionen. Angewandte Chemie, 2021, 133, 6338-6363.	2.0	13
10	Synthesis of antiâ€Markovnikov Alcohols via Epoxidation and Hydrogenation of Styrenes using Photocatalytically Generated Redox Equivalents. ChemPhotoChem, 2021, 5, 362-368.	3.0	6
11	Excited State Anions in Organic Transformations. Angewandte Chemie - International Edition, 2021, 60, 6270-6292.	13.8	85
12	Towards Photochromic Azobenzeneâ€Based Inhibitors for Tryptophan Synthase. Chemistry - A European Journal, 2021, 27, 2439-2451.	3.3	11
13	Visibleâ€Lightâ€Promoted Metalâ€Free Synthesis of (Hetero)Aromatic Nitriles from C(sp³)â^'H Bonds**. Angewandte Chemie - International Edition, 2021, 60, 2439-2445.	13.8	39
14	All-organic Z-scheme photoreduction of CO2 with water as the donor of electrons and protons. Applied Catalysis B: Environmental, 2021, 285, 119773.	20.2	19
15	Strategies for the Photocatalytic Generation of Carbanion Equivalents for Reductant-Free Câ€“C Bond Formations. Accounts of Chemical Research, 2021, 54, 242-252.	15.6	53
16	Visibleâ€Lightâ€Promoted Metalâ€Free Synthesis of (Hetero)Aromatic Nitriles from C(sp 3)â^'H Bonds**. Angewandte Chemie, 2021, 133, 2469-2475.	2.0	3
17	Photocatalyzed Intramolecular [2+2] Cycloaddition of Nâ€Alkylâ€Nâ€(2â€(1â€arylvinyl)aryl)cinnamamides. Chemistry - A European Journal, 2021, 27, 3722-3728.	3.3	12
18	Mizorokiâ€“Heck type reactions and synthesis of 1,4-dicarbonyl compounds by heterogeneous organic semiconductor photocatalysis. Green Chemistry, 2021, 23, 2017-2024.	9.0	20

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19	Photocatalytic (Het)arylation of C(sp³)â€“H Bonds with Carbon Nitride. ACS Catalysis, 2021, 11, 1593-1603.	11.2	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.	2.4	33
21	Photosubstitution in Dicyanobenzene-based Photocatalysts. Organic Letters, 2021, 23, 3146-3150.	4.6	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.	3.5	4
23	Cesium Carbonate Catalyzed Oxaâ€Michael Addition of Oximes to Acrylonitrile. ChemistrySelect, 2021, 6, 4107-4111.	1.5	4
24	Effects of Light Intensity and Reaction Temperature on Photoreactions in Commercial Photoreactors. ChemPhotoChem, 2021, 5, 808-814.	3.0	41
25	Katalytische Erzeugung von Carbanionen durch Carbonylâ€Umpolung. Angewandte Chemie, 2021, 133, 21792-21802.	2.0	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.	3.2	7
27	Catalytic Generation of Carbanions through Carbonyl Umpolung. Angewandte Chemie - International Edition, 2021, 60, 21624-21634.	13.8	49
28	Photo-induced thiolate catalytic activation of inert Caryl-hetero bonds for radical borylation. CheM, 2021, 7, 1653-1665.	11.7	55
29	Cerium-photocatalyzed aerobic oxidation of benzylic alcohols to aldehydes and ketones. Beilstein Journal of Organic Chemistry, 2021, 17, 1727-1732.	2.2	8
30	Photocatalytic Câ€“H Trifluoromethylthiolation by the Decatungstate Anion. Organic Letters, 2021, 23, 5729-5733.	4.6	40
31	Electroâ€mediated PhotoRedox Catalysis for Selective C(sp³)â€“O Cleavages of Phosphinated Alcohols to Carbanions. Angewandte Chemie - International Edition, 2021, 60, 20817-20825.	13.8	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.	2.0	18
33	Light-Induced Single-Electron Transfer Processes involving Sulfur Anions as Catalysts. Journal of the American Chemical Society, 2021, 143, 15530-15537.	13.7	48
34	Subunit-Specific Photocontrol of Glycine Receptors by Azobenzene-Nitrazepam Photoswitcher. ENeuro, 2021, 8, ENEURO.0294-20.2020.	1.9	9
35	Photocatalytic synthesis of tetra-substituted furans promoted by carbon dioxide. Chemical Science, 2021, 13, 241-246.	7.4	7
36	Oxidative Photochlorination of Electronâ€Rich Arenes via in situ Bromination. European Journal of Organic Chemistry, 2020, 2020, 1491-1495.	2.4	16

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37	Photochemical Functionalization of Helicenes. Chemistry - A European Journal, 2020, 26, 543-547.	3.3	15
38	Visibleâ€Lightâ€Driven Thiolâ€yne Reaction: A Practical Synthesis of (1,2â€diarylvinyl)(aryl/alkyl)sulfides. ChemPhotoChem, 2020, 4, 291-293.	3.0	11
39	Photocatalytic activation of alkyl chlorides by assembly-promoted single electron transfer in microheterogeneous solutions. Nature Catalysis, 2020, 3, 40-47.	34.4	148
40	A Retrosynthetic Approach for Photocatalysis. European Journal of Organic Chemistry, 2020, 2020, 1193-1244.	2.4	43
41	Optical analysis and separation of trivalent lanthanides in deep eutectic solvents. Journal of Rare Earths, 2020, 38, 784-792.	4.8	11
42	Synthesis and Characterization of Naphtho[2,1â€b:7,8â€bâ€²]bis[1]benzothiophene. European Journal of Organic Chemistry, 2020, 2020, 66-69.	2.4	6
43	Synthetische Photoelektrochemie. Angewandte Chemie, 2020, 132, 11828-11844.	2.0	40
44	Synthetic Photoelectrochemistry. Angewandte Chemie - International Edition, 2020, 59, 11732-11747.	13.8	261
45	Redox-Neutral Photocatalytic Câ^'H Carboxylation of Arenes and Styrenes with CO2. CheM, 2020, 6, 2658-2672.	11.7	73
46	Pyrolysis of Deep Eutectic Solvents for the Preparation of Supported Copper Electrocatalysts. ChemistrySelect, 2020, 5, 11714-11720.	1.5	3
47	Selectivity control in thiolâ€“yne click reactions via visible light induced associative electron upconversion. Chemical Science, 2020, 11, 10061-10070.	7.4	47
48	Photocatalytic Reductive Radicalâ€Polar Crossover for a Baseâ€Free Coreyâ€“Seebach Reaction. Chemistry - A European Journal, 2020, 26, 12945-12950.	3.3	28
49	Significance of the Protein Interface Configuration for Allostery in Imidazole Glycerol Phosphate Synthase. Biochemistry, 2020, 59, 2729-2742.	2.5	15
50	Deazaflavin reductive photocatalysis involves excited semiquinone radicals. Nature Communications, 2020, 11, 3174.	12.8	37
51	Photophysical Activity and Hostâ€“Guest Behavior of Ruthenium Polypyridyl Catalysts Encapsulated in Cucurbit[10]uril. Inorganic Chemistry, 2020, 59, 9135-9142.	4.0	13
52	Activated carbon as catalyst support: precursors, preparation, modification and characterization. Beilstein Journal of Organic Chemistry, 2020, 16, 1188-1202.	2.2	81
53	Dearomative Cycloadditions Utilizing an Organic Photosensitizer: An Alternative to Iridium Catalysis. Organic Letters, 2020, 22, 5035-5040.	4.6	59
54	Chemical Photocatalysis â€“ Do It Right!. European Journal of Organic Chemistry, 2020, 2020, 1191-1192.	2.4	15

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55	Umpolung Difunctionalization of Carbonyls via Visible-Light Photoredox Catalytic Radical-Carbanion Relay. Journal of the American Chemical Society, 2020, 142, 7524-7531.	13.7	98
56	Minisci Câˆ’H Alkylation of Heteroarenes Enabled by Dual Photoredox/Bromide Catalysis in Micellar Solutions**. Chemistry - A European Journal, 2020, 26, 15323-15329.	3.3	23
57	3. Flavin photocatalysis. , 2020, , 45-72.		6
58	Copper(II)-Photocatalyzed Nâ€“H Alkylation with Alkanes. ACS Catalysis, 2020, 10, 8582-8589.	11.2	56
59	Tariquidar-related triazoles as potent, selective and stable inhibitors of ABCG2 (BCRP). European Journal of Medicinal Chemistry, 2020, 191, 112133.	5.5	22
60	Photomodulation of Inhibitory Neurotransmission. Insights from Molecular Modeling. Biophysical Journal, 2020, 118, 325a-326a.	0.5	0
61	Photochromic Evaluation of 3(5)-Arylazo-1H-pyrazoles. Journal of Organic Chemistry, 2020, 85, 4079-4088.	3.2	27
62	Photo-Ni-Dual-Catalytic C(sp²)â€“C(sp³) Cross-Coupling Reactions with Mesoporous Graphitic Carbon Nitride as a Heterogeneous Organic Semiconductor Photocatalyst. ACS Catalysis, 2020, 10, 3526-3532.	11.2	63
63	Structure-based development of caged dopamine D2/D3 receptor antagonists. Scientific Reports, 2020, 10, 829.	3.3	14
64	Photocatalytic Synthesis of Polycyclic Indolones. Chemistry - A European Journal, 2020, 26, 7004-7007.	3.3	28
65	Optical Control of GABA_A Receptors with a Fulgimideâ€Based Potentiator. Chemistry - A European Journal, 2020, 26, 12722-12727.	3.3	12
66	C(sp³)â€“C(sp³) Crossâ€Coupling of Alkyl Bromides and Ethers Mediated by Metal and Visible Light Photoredox Catalysis. Advanced Synthesis and Catalysis, 2020, 362, 2367-2372.	4.3	37
67	Photocontrol of Endogenous Glycine Receptors InÂVivo. Cell Chemical Biology, 2020, 27, 1425-1433.e7.	5.2	16
68	Photoâ€“nickel dual catalytic benzoylation of aryl bromides. Chemical Communications, 2019, 55, 10796-10799.	4.1	33
69	Birchâ€Type Photoreduction of Arenes and Heteroarenes by Sensitized Electron Transfer. Angewandte Chemie - International Edition, 2019, 58, 14289-14294.	13.8	132
70	Birchâ€Type Photoreduction of Arenes and Heteroarenes by Sensitized Electron Transfer. Angewandte Chemie, 2019, 131, 14427-14432.	2.0	34
71	Photocarboxylation of Benzylic Câ€“H Bonds. Journal of the American Chemical Society, 2019, 141, 11393-11397.	13.7	201
72	Organic semiconductor photocatalyst can bifunctionalize arenes and heteroarenes. Science, 2019, 365, 360-366.	12.6	416

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73	Front Cover Picture: Photocatalytic Oxidative Iodination of Electronâ€Rich Arenes (Adv. Synth. Catal.) Tj ETQq1 1 0.784314 rgBT /Overlo	4.3	1
74	Light Regulation of Enzyme Allostery through Photo-responsive Unnatural Amino Acids. Cell Chemical Biology, 2019, 26, 1501-1514.e9.	5.2	25
75	Single-molecule photoredox catalysis. Chemical Science, 2019, 10, 681-687.	7.4	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.	3.2	43
77	Alkenylation of unactivated alkyl bromides through visible light photocatalysis. Chemical Communications, 2019, 55, 107-110.	4.1	61
78	Visible-light mediated Câ€“C bond cleavage of 1,2-diols to carbonyls by cerium-photocatalysis. Chemical Communications, 2019, 55, 486-488.	4.1	59
79	Beyond artificial photosynthesis: general discussion. Faraday Discussions, 2019, 215, 422-438.	3.2	0
80	Biological approaches to artificial photosynthesis: general discussion. Faraday Discussions, 2019, 215, 66-83.	3.2	0
81	Synthetic approaches to artificial photosynthesis: general discussion. Faraday Discussions, 2019, 215, 242-281.	3.2	5
82	In My Element: Magnesium. Chemistry - A European Journal, 2019, 25, 8176-8176.	3.3	2
83	Siteâ€Selective, Remote sp³ Câ^'H Carboxylation Enabled by the Merger of Photoredox and Nickel Catalysis. Chemistry - A European Journal, 2019, 25, 9001-9005.	3.3	78
84	Photocatalytic Oxidative Iodination of Electronâ€Rich Arenes. Advanced Synthesis and Catalysis, 2019, 361, 3998-4004.	4.3	18
85	Azologization of serotonin 5-HT3 receptor antagonists. Beilstein Journal of Organic Chemistry, 2019, 15, 780-788.	2.2	11
86	CO₂ or SO₂: Should It Stay, or Should It Go?. Journal of Organic Chemistry, 2019, 84, 6232-6243.	3.2	34
87	Visible Light-Induced Regioselective Cycloaddition of Benzoyl Azides and Alkenes To Yield Oxazolines. Journal of Organic Chemistry, 2019, 84, 6278-6285.	3.2	27
88	Photocatalytic carbanion generation â€“ benzylation of aliphatic aldehydes to secondary alcohols. Chemical Science, 2019, 10, 5162-5166.	7.4	84
89	Visibleâ€Lightâ€Mediated Synthesis of Î²â€Chloro Ketones from Aryl Cyclopropanes. Angewandte Chemie - International Edition, 2019, 58, 8577-8580.	13.8	52
90	Fulgimides as Lightâ€Activated Tools in Biological Investigations. European Journal of Organic Chemistry, 2019, 2019, 5018-5024.	2.4	32

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91	Controllable Isomerization of Alkenes by Dual Visibleâ€Lightâ€Cobalt Catalysis. Angewandte Chemie, 2019, 131, 5779-5784.	2.0	32
92	Photoinitiated carbonyl-metathesis: deoxygenative reductive olefination of aromatic aldehydes via photoredox catalysis. Chemical Science, 2019, 10, 4580-4587.	7.4	52
93	Decarboxylative hydrazination of unactivated carboxylic acids by cerium photocatalysis. Chemical Communications, 2019, 55, 3489-3492.	4.1	103
94	Controllable Isomerization of Alkenes by Dual Visibleâ€Lightâ€Cobalt Catalysis. Angewandte Chemie - International Edition, 2019, 58, 5723-5728.	13.8	125
95	Durch sichtbares Licht vermittelte Synthese von Î²â€Chlorketonen aus Arylcyclopropanen. Angewandte Chemie, 2019, 131, 8665-8669.	2.0	5
96	A photoswitchable GABA receptor channel blocker. British Journal of Pharmacology, 2019, 176, 2661-2677.	5.4	20
97	N-Arylation of NH-Sulfoximines via Dual Nickel Photocatalysis. Organic Letters, 2019, 21, 2740-2744.	4.6	43
98	Heteroaryl azo dyes as molecular photoswitches. Nature Reviews Chemistry, 2019, 3, 133-146.	30.2	356
99	Substituent Effects on 3-Arylazoindole Photoswitches. Journal of Organic Chemistry, 2019, 84, 6565-6575.	3.2	21
100	Decarboxylative Cyanation of Aliphatic Carboxylic Acids via Visible-Light Flavin Photocatalysis. Organic Letters, 2019, 21, 1368-1373.	4.6	71
101	Unraveling the Thermal Isomerization Mechanisms of Heteroaryl Azoswitches: Phenylazoindoles as Case Study. Journal of Physical Chemistry A, 2019, 123, 1814-1823.	2.5	30
102	Visible light induced redox neutral fragmentation of 1,2-diol derivatives. Chemical Communications, 2019, 55, 13144-13147.	4.1	29
103	Photocatalytic carbanion generation from Câ€“H bonds â€“ reductant free Barbier/Grignard-type reactions. Chemical Science, 2019, 10, 10991-10996.	7.4	38
104	Visibleâ€Lightâ€Mediated Liberation and In Situ Conversion of Fluorophosgene. Chemistry - A European Journal, 2019, 25, 361-366.	3.3	26
105	Lightâ€Switchable Antagonists for the Histamine H₁ Receptor at the Isolated Guinea Pig Ileum. ChemMedChem, 2019, 14, 636-644.	3.2	7
106	Deep eutectic solvents as extraction media for metal salts and oxides exemplarily shown for phosphates from incinerated sewage sludge ash. Green Chemistry, 2019, 21, 321-328.	9.0	69
107	Metalâ€free Semiconductor Photocatalysis for sp² Câ‹¯H Functionalization with Molecular Oxygen. ChemCatChem, 2019, 11, 703-706.	3.7	37
108	Photochromic peptidic NPY Y₄ receptor ligands. Organic and Biomolecular Chemistry, 2019, 17, 2467-2478.	2.8	13

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109	Impact of visible-light photoredox catalysis on traditional synthetic protocols. Photochemistry, 2019, , 326-343.	0.2	0
110	Photokatalyse mit sichtbarem Licht: Welche Bedeutung hat sie fÃ¼r die organische Synthese?. Angewandte Chemie, 2018, 130, 10188-10228.	2.0	360
111	Visibleâ€Light Photocatalysis: Does It Make a Difference in Organic Synthesis?. Angewandte Chemie - International Edition, 2018, 57, 10034-10072.	13.8	1,459
112	Tuning the Thermal Isomerization of Phenylazoindole Photoswitches from Days to Nanoseconds. Journal of the American Chemical Society, 2018, 140, 2940-2946.	13.7	92
113	Visible-Light-Mediated Nitration of Protected Anilines. Journal of Organic Chemistry, 2018, 83, 2802-2807.	3.2	39
114	Ligand-Controlled Regioselective Hydrocarboxylation of Styrenes with CO₂ by Combining Visible Light and Nickel Catalysis. Journal of the American Chemical Society, 2018, 140, 3198-3201.	13.7	166
115	Plasmon-enhanced light absorption at organic-coated interfaces: collectivity matters. Journal of Materials Chemistry C, 2018, 6, 1413-1420.	5.5	11
116	Structural basis of small-molecule inhibition of human multidrug transporter ABCG2. Nature Structural and Molecular Biology, 2018, 25, 333-340.	8.2	258
117	Photocatalytic Oxidative Bromination of Electronâ€Rich Arenes and Heteroarenes by Anthraquinone. Advanced Synthesis and Catalysis, 2018, 360, 626-630.	4.3	60
118	Anthraquinones as Photoredox Catalysts for the Reductive Activation of Aryl Halides. European Journal of Organic Chemistry, 2018, 2018, 34-40.	2.4	98
119	Preparation of Propargyl Amines in a ZnCl2â€“Dimethylurea Deep-Eutectic Solvent. Synlett, 2018, 29, 185-188.	1.8	12
120	Front Cover Picture: Photocatalytic Oxidative Bromination of Electronâ€Rich Arenes and Heteroarenes by Anthraquinone (Adv. Synth. Catal. 4/2018). Advanced Synthesis and Catalysis, 2018, 360, 601-601.	4.3	0
121	Decarboxylative reactions with and without light â€“ a comparison. Green Chemistry, 2018, 20, 323-361.	9.0	311
122	Oxidative homodimerization of substituted olefins by DDQ visible light photocatalysis. Organic Chemistry Frontiers, 2018, 5, 3553-3556.	4.5	21
123	Chemical Photocatalysis with Rhodamine 6G: Investigation of Photoreduction by Simultaneous Fluorescence Correlation Spectroscopy and Fluorescence Lifetime Measurements. Journal of Physical Chemistry B, 2018, 122, 10728-10735.	2.6	19
124	Transition metal- and photoredox-catalyzed valorisation of lignin subunits. Green Chemistry, 2018, 20, 4844-4852.	9.0	34
125	MRSA decolonization of human skin via photodynamic treatment. British Journal of Dermatology, 2018, 179, e242-e242.	1.5	2
126	é€šè¿‡å…‰åŠ¨åŠ›æ²»ç–—å®žçŽ°äººçš®è‚¤çš„ MRSA éž æ®–æ°´å Œæ²»ç–—. British Journal of Dermatology, 2018, 179, e250-e257.	1.5	0

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127	Development of photoswitchable inhibitors for Î²-galactosidase. Organic and Biomolecular Chemistry, 2018, 16, 7430-7437.	2.8	16
128	Synthesis of aryl sulfides via radicalâ€“radical cross coupling of electron-rich arenes using visible light photoredox catalysis. Beilstein Journal of Organic Chemistry, 2018, 14, 2520-2528.	2.2	6
129	Rapid Access to Biâ€•and Triâ€Functionalized Dibenzofurans and their Application in Selective Suzukiâ€“Miyaura Cross Coupling Reactions. European Journal of Organic Chemistry, 2018, 2018, 5644-5656.	2.4	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. Chemical Communications, 2018, 54, 11602-11605.	4.1	39
131	Photodynamic inactivation of bacteria to decolonize meticillin-resistant Staphylococcus aureus from human skin. British Journal of Dermatology, 2018, 179, 1358-1367.	1.5	12
132	Artificial Light Regulation of an Allosteric Bienzyme Complex by a Photosensitive Ligand. ChemBioChem, 2018, 19, 1750-1757.	2.6	19
133	Air-Sensitive Photoredox Catalysis Performed under Aerobic Conditions in Gel Networks. Journal of Organic Chemistry, 2018, 83, 7928-7938.	3.2	22
134	Photochromic Indolyl Fulgimides as Chromo-pharmacophores Targeting Sirtuins. Journal of Organic Chemistry, 2018, 83, 7919-7927.	3.2	17
135	Atomâ€Economic Electron Donors for Photobiocatalytic Halogenations. ChemCatChem, 2018, 10, 3960-3963.	3.7	45
136	Photocatalytic formation of carbonâ€“sulfur bonds. Beilstein Journal of Organic Chemistry, 2018, 14, 54-83.	2.2	132
137	Photoredox Catalytic Organic Transformations using Heterogeneous Carbon Nitrides. Angewandte Chemie - International Edition, 2018, 57, 15936-15947.	13.8	339
138	Photocatalytic Barbier reaction â€“ visible-light induced allylation and benzylation of aldehydes and ketones. Chemical Science, 2018, 9, 7230-7235.	7.4	62
139	Tariquidar-Related Chalcones and Ketones as ABCG2 Modulators. ACS Medicinal Chemistry Letters, 2018, 9, 854-859.	2.8	12
140	Photoredoxkatalytische organische Umwandlungen an heterogenen Kohlenstoffnitriden. Angewandte Chemie, 2018, 130, 16164-16176.	2.0	55
141	Flavin photocatalysis. Physical Sciences Reviews, 2018, 3, .	0.8	27
142	Visibleâ€Lightâ€Mediated Photoredoxâ€Catalyzed Nâ€Arylation of NHâ€Sulfoximines with Electronâ€Rich Arenes. Advanced Synthesis and Catalysis, 2018, 360, 3277-3285.	4.3	48
143	1,10-Phenanthroline-dithiine iridium and ruthenium complexes: synthesis, characterization and photocatalytic dihydrogen evolution. Photochemical and Photobiological Sciences, 2018, 17, 1056-1067.	2.9	8
144	Organic Synthesis without Conventional Solvents. European Journal of Organic Chemistry, 2018, 2018, 4213-4232.	2.4	53

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145	Photocatalytic Oxidation of Sulfinates to Vinyl Sulfones with Cyanamideâ€Functionalised Carbon Nitride. European Journal of Organic Chemistry, 2017, 2017, 2179-2185.	2.4	43
146	Photocatalytic N-formylation of amines via a reductive quenching cycle in the presence of air. Organic and Biomolecular Chemistry, 2017, 15, 2536-2540.	2.8	21
147	Photocatalytic Phenolâ€“Arene Câ€“C and Câ€“O Crossâ€Dehydrogenative Coupling. European Journal of Organic Chemistry, 2017, 2017, 2194-2204.	2.4	32
148	Synthesis of Arylated Nucleobases by Visible Light Photoredox Catalysis. Journal of Organic Chemistry, 2017, 82, 3552-3560.	3.2	44
149	Nitrosonium-Mediated Phenolâ€“Arene Cross-Coupling Involving Direct Câ€“H Activation. Australian Journal of Chemistry, 2017, 70, 407.	0.9	4
150	Photocatalysis in Organic Synthesis â€“ Past, Present, and Future. European Journal of Organic Chemistry, 2017, 2017, 1979-1981.	2.4	224
151	Lanthanide Ions Coupled with Photoinduced Electron Transfer Generate Strong Reduction Potentials from Visible Light. Chemistry - A European Journal, 2017, 23, 7900-7904.	3.3	41
152	Visibleâ€Lightâ€Accelerated Câ€“H Sulfinylation of Heteroarenes. Angewandte Chemie - International Edition, 2017, 56, 409-412.	13.8	43
153	Photochromic histone deacetylase inhibitors based on dithienylethenes and fulgimides. Organic and Biomolecular Chemistry, 2017, 15, 4882-4896.	2.8	23
154	A systematic study of the influence of mesoscale structuring on the kinetics of a chemical reaction. Physical Chemistry Chemical Physics, 2017, 19, 23773-23780.	2.8	15
155	Quantum Dots in Visible-Light Photoredox Catalysis: Reductive Dehalogenations and Câ€“H Arylation Reactions Using Aryl Bromides. Chemistry of Materials, 2017, 29, 5225-5231.	6.7	71
156	Sensitizationâ€Initiated Electron Transfer for Photoredox Catalysis. Angewandte Chemie - International Edition, 2017, 56, 8544-8549.	13.8	198
157	Photoredoxkatalyse durch sensibilisierten Elektronentransfer. Angewandte Chemie, 2017, 129, 8664-8669.	2.0	63
158	Prevalence, clonality, and pathogenicity of Staphylococcus epidermidis isolates in newborn feces. European Journal of Clinical Microbiology and Infectious Diseases, 2017, 36, 1955-1964.	2.9	2
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