

# Burkhard KÄ¶nig

## List of Publications by Year in descending order

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602  
papers

32,440  
citations

4960

84  
h-index

7348

152  
g-index

700  
all docs

700  
docs citations

700  
times ranked

22907  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible-Light Photocatalysis: Does It Make a Difference in Organic Synthesis?. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10034-10072.	13.8	1,459
2	Synthetic applications of eosin Y in photoredox catalysis. <i>Chemical Communications</i> , 2014, 50, 6688-6699.	4.1	868
3	Reduction of aryl halides by consecutive visible light-induced electron transfer processes. <i>Science</i> , 2014, 346, 725-728.	12.6	860
4	The Photocatalyzed Meerwein Arylation: Classic Reaction of Aryl Diazonium Salts in a New Light. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4734-4743.	13.8	713
5	Metal-Free, Visible-Light-Mediated Direct C-H Arylation of Heteroarenes with Aryl Diazonium Salts. <i>Journal of the American Chemical Society</i> , 2012, 134, 2958-2961.	13.7	701
6	Metal-Free, Cooperative Asymmetric Organophotoredox Catalysis with Visible Light. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 951-954.	13.8	643
7	Visible Light Mediated Photoredox Catalytic Arylation Reactions. <i>Accounts of Chemical Research</i> , 2016, 49, 1566-1577.	15.6	618
8	Low melting mixtures in organic synthesis – an alternative to ionic liquids?. <i>Green Chemistry</i> , 2012, 14, 2969.	9.0	559
9	Eosin Y Catalyzed Visible Light Oxidative C-C and C-P bond Formation. <i>Organic Letters</i> , 2011, 13, 3852-3855.	4.6	553
10	Organic semiconductor photocatalyst can bifunctionalize arenes and heteroarenes. <i>Science</i> , 2019, 365, 360-366.	12.6	416
11	Photokatalyse mit sichtbarem Licht: Welche Bedeutung hat sie für die organische Synthese?. <i>Angewandte Chemie</i> , 2018, 130, 10188-10228.	2.0	360
12	Heteroaryl azo dyes as molecular photoswitches. <i>Nature Reviews Chemistry</i> , 2019, 3, 133-146.	30.2	356
13	Photoredox Catalytic Organic Transformations using Heterogeneous Carbon Nitrides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15936-15947.	13.8	339
14	Decarboxylative reactions with and without light – a comparison. <i>Green Chemistry</i> , 2018, 20, 323-361.	9.0	311
15	Chemical Degradation in Organic Light-Emitting Devices: Mechanisms and Implications for the Design of New Materials. <i>Advanced Materials</i> , 2013, 25, 2114-2129.	21.0	288
16	Chromoselective Photocatalysis: Controlled Bond Activation through Light-Color Regulation of Redox Potentials. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7676-7679.	13.8	274
17	Conversion of carbohydrates into 5-hydroxymethylfurfural in highly concentrated low melting mixtures. <i>Green Chemistry</i> , 2009, 11, 1948.	9.0	264
18	Synthetic Photoelectrochemistry. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11732-11747.	13.8	261

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19	Structural basis of small-molecule inhibition of human multidrug transporter ABCG2. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 333-340.	8.2	258
20	Visible-Light-Promoted Stereoselective Alkylation by Combining Heterogeneous Photocatalysis with Organocatalysis. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4062-4066.	13.8	252
21	Visible Light Photocatalytic Synthesis of Benzothiophenes. <i>Organic Letters</i> , 2012, 14, 5334-5337.	4.6	226
22	Photocatalysis in Organic Synthesis – Past, Present, and Future. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1979-1981.	2.4	224
23	Light-Induced Decomposition of Indocyanine Green. , 2008, 49, 1777.		221
24	Peptidomimetics – A Versatile Route to Biologically Active Compounds. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5099-5111.	2.4	212
25	The Photoredox-Catalyzed Meerwein Addition Reaction: Intermolecular Amino-Arylation of Alkenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 725-728.	13.8	203
26	Reversible Coordinative Bonds in Molecular Recognition. <i>Chemical Reviews</i> , 2006, 106, 3520-3560.	47.7	201
27	Photocarboxylation of Benzylic C-H Bonds. <i>Journal of the American Chemical Society</i> , 2019, 141, 11393-11397.	13.7	201
28	Palladium- and copper-mediated <i>N</i> -aryl bond formation reactions for the synthesis of biological active compounds. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 59-74.	2.2	200
29	Molecular recognition of organic ammonium ions in solution using synthetic receptors. <i>Beilstein Journal of Organic Chemistry</i> , 2010, 6, 32.	2.2	198
30	Sensitization-Initiated Electron Transfer for Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8544-8549.	13.8	198
31	Selective Single C(sp <sup>3</sup> )-F Bond Cleavage in Trifluoromethylarenes: Merging Visible-Light Catalysis with Lewis Acid Activation. <i>Journal of the American Chemical Society</i> , 2017, 139, 18444-18447.	13.7	188
32	Heteroatom-Bridged Calixarenes. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 2303-2310.	2.0	183
33	Visible Light-Mediated Metal-Free Synthesis of Vinyl Sulfones from Aryl Sulfinates. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2050-2054.	4.3	181
34	Efficient synthesis of 3,4-dihydropyrimidin-2-ones in low melting tartaric acid-urea mixtures. <i>Green Chemistry</i> , 2011, 13, 1009.	9.0	179
35	Low-melting sugar-urea-salt mixtures as solvents for Diels-Alder reactions. <i>Chemical Communications</i> , 2005, , 1170-1172.	4.1	176
36	Carboxylation of Aromatic and Aliphatic Bromides and Triflates with CO <sub>2</sub> by Dual Visible-Light-Nickel Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13426-13430.	13.8	173

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37	Low melting sugar-urea salt mixtures as solvents for organic reactions- estimation of polarity and use in catalysis. <i>Green Chemistry</i> , 2006, 8, 1051-1055.	9.0	168
38	Ligand-Controlled Regioselective Hydrocarboxylation of Styrenes with CO <sub>2</sub> by Combining Visible Light and Nickel Catalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 3198-3201.	13.7	166
39	Fischer Indole Synthesis in Low Melting Mixtures. <i>Organic Letters</i> , 2012, 14, 4568-4571.	4.6	158
40	Organic reactions in low melting mixtures based on carbohydrates and l-carnitine- a comparison. <i>Green Chemistry</i> , 2009, 11, 848.	9.0	156
41	Visible light C-H amidation of heteroarenes with benzoyl azides. <i>Chemical Science</i> , 2015, 6, 987-992.	7.4	156
42	Visible-Light-Mediated $\alpha$ -Arylation of Enol Acetates Using Aryl Diazonium Salts. <i>Journal of Organic Chemistry</i> , 2012, 77, 10347-10352.	3.2	155
43	Photocatalytic activation of alkyl chlorides by assembly-promoted single electron transfer in microheterogeneous solutions. <i>Nature Catalysis</i> , 2020, 3, 40-47.	34.4	148
44	Emergence of a Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> Strain with a Unique Resistance Profile in Southwest Nigeria. <i>Journal of Clinical Microbiology</i> , 2009, 47, 2975-2980.	3.9	143
45	A Versatile Strategy for the Synthesis of Functionalized 2,2'-Bi- and 2,2':6',2''-Terpyridines via Their 1,2,4-Triazine Analogues. <i>Journal of Organic Chemistry</i> , 2003, 68, 2882-2888.	3.2	142
46	The Photocatalyzed Aza-Henry Reaction of <i>N</i> -Aryltetrahydroisoquinolines: Comprehensive Mechanism, H <sup>+</sup> - versus H <sup>+</sup> -Abstraction, and Background Reactions. <i>Journal of the American Chemical Society</i> , 2016, 138, 11860-11871.	13.7	138
47	Potent and Selective Inhibitors of Breast Cancer Resistance Protein (ABCG2) Derived from the <i>p</i> -Glycoprotein (ABCB1) Modulator Tariquidar. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 1190-1197.	6.4	135
48	Metal-free, visible-light-mediated, decarboxylative alkylation of biomass-derived compounds. <i>Green Chemistry</i> , 2016, 18, 4743-4749.	9.0	135
49	Templated Photochemistry: Toward Catalysts Enhancing the Efficiency and Selectivity of Photoreactions in Homogeneous Solutions. <i>Chemical Reviews</i> , 2006, 106, 5413-5430.	47.7	132
50	Photocatalytic formation of carbon-sulfur bonds. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 54-83.	2.2	132
51	Birch-type Photoreduction of Arenes and Heteroarenes by Sensitized Electron Transfer. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14289-14294.	13.8	132
52	Ionic Green Solvents from Renewable Resources. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1049-1058.	2.4	130
53	Halogenase-Inspired Oxidative Chlorination Using Flavin Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5342-5345.	13.8	126
54	Eosin-Y (EY) Photoredox-Catalyzed Sulfonylation of Alkenes: Scope and Mechanism. <i>Chemistry - A European Journal</i> , 2016, 22, 8694-8699.	3.3	126

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55	Visible light flavin photo-oxidation of methylbenzenes, styrenes and phenylacetic acids. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 1367-1377.	2.9	125
56	Visible-Light Photo-Arbusov Reaction of Aryl Bromides and Trialkyl Phosphites Yielding Aryl Phosphonates. <i>ACS Catalysis</i> , 2016, 6, 8410-8414.	11.2	125
57	Controllable Isomerization of Alkenes by Dual Visible-Light-Cobalt Catalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5723-5728.	13.8	125
58	Photocatalytic Arylation of Alkenes, Alkynes and Enones with Diazonium Salts. <i>ChemistryOpen</i> , 2012, 1, 130-133.	1.9	121
59	Green-light photocatalytic reduction using dye-sensitized TiO <sub>2</sub> and transition metal nanoparticles. <i>Green Chemistry</i> , 2010, 12, 400-406.	9.0	118
60	Modern tattoos cause high concentrations of hazardous pigments in skin. <i>Contact Dermatitis</i> , 2008, 58, 228-233.	1.4	117
61	Photooxidation of Sulfides to Sulfoxides Mediated by Tetra <i>acetyl</i> riboflavin and Visible Light. <i>ChemCatChem</i> , 2012, 4, 620-623.	3.7	117
62	Regulation of Human Carbonic Anhydrase I (hCAI) Activity by Using a Photochromic Inhibitor. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7644-7647.	13.8	114
63	Visible light mediated homo- and heterocoupling of benzyl alcohols and benzyl amines on polycrystalline cadmium sulfide. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3556.	2.8	113
64	Fast and Effective Photodynamic Inactivation of Multiresistant Bacteria by Cationic Riboflavin Derivatives. <i>PLoS ONE</i> , 2014, 9, e111792.	2.5	108
65	Stille Reactions with Tetraalkylstannanes and Phenyltrialkylstannanes in Low Melting Sugar-Urea-Salt Mixtures. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 2243-2247.	4.3	107
66	Evaluating the greenness of alternative reaction media. <i>Green Chemistry</i> , 2008, 10, 1170.	9.0	107
67	Unraveling the flavin-catalyzed photooxidation of benzylic alcohol with transient absorption spectroscopy from sub-pico- to microseconds. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 8869.	2.8	104
68	Metal-Free Perfluoroarylation by Visible Light Photoredox Catalysis. <i>ACS Catalysis</i> , 2016, 6, 369-375.	11.2	104
69	Decarboxylative hydrazination of unactivated carboxylic acids by cerium photocatalysis. <i>Chemical Communications</i> , 2019, 55, 3489-3492.	4.1	103
70	Facile synthesis of 6-aryl-3-pyridyl-1,2,4-triazines as a key step toward highly fluorescent 5-substituted bipyridines and their Zn(II) and Ru(II) complexes. <i>Tetrahedron</i> , 2008, 64, 8963-8973.	1.9	102
71	Vesicles and Micelles from Amphiphilic Zinc(II)-Cyclen Complexes as Highly Potent Promoters of Hydrolytic DNA Cleavage. <i>Journal of the American Chemical Society</i> , 2011, 133, 20704-20707.	13.7	102
72	Visible light amination/Smiles cascade: access to phthalazine derivatives. <i>Chemical Science</i> , 2016, 7, 5002-5006.	7.4	102

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73	Teaching Old Compounds New Tricks: DDQâ€Photocatalyzed Câ~H Amination of Arenes with Carbamates, Urea, and Nâ€Heterocycles. <i>Chemistry - A European Journal</i> , 2017, 23, 18161-18165.	3.3	99
74	Tattoo inks contain polycyclic aromatic hydrocarbons that additionally generate deleterious singlet oxygen. <i>Experimental Dermatology</i> , 2010, 19, e275-81.	2.9	98
75	Antraquinones as Photoredox Catalysts for the Reductive Activation of Aryl Halides. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 34-40.	2.4	98
76	Umpolung Difunctionalization of Carbonyls via Visible-Light Photoredox Catalytic Radical-Carbanion Relay. <i>Journal of the American Chemical Society</i> , 2020, 142, 7524-7531.	13.7	98
77	Stabilizing a Weak Binding State for Effectors in the Human Ras Protein by Cyclen Complexes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3830-3833.	13.8	97
78	Acetylcholinesterase Inhibitors with Photoswitchable Inhibition of Î²-Amyloid Aggregation. <i>ACS Chemical Neuroscience</i> , 2014, 5, 377-389.	3.5	96
79	Farbselektive Photokatalyse: kontrollierte Bindungsaktivierung durch Redoxpotentialregulation Ã¼ber die Anregungslichtfarbe. <i>Angewandte Chemie</i> , 2016, 128, 7806-7810.	2.0	94
80	Tattoo Pigments are Cleaved by Laser Lightâ€The Chemical Analysis In Vitro Provide Evidence for Hazardous CompoundsÂ¶. <i>Photochemistry and Photobiology</i> , 2004, 80, 185.	2.5	93
81	Tuning the Thermal Isomerization of Phenylazoindole Photoswitches from Days to Nanoseconds. <i>Journal of the American Chemical Society</i> , 2018, 140, 2940-2946.	13.7	92
82	Reductive Deoxygenation of Alcohols: Catalytic Methods Beyond Bartonâ€™McCombie Deoxygenation. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7017-7027.	2.4	91
83	Molecular Imprinting of Luminescent Vesicles. <i>Journal of the American Chemical Society</i> , 2013, 135, 2967-2970.	13.7	89
84	Energy transfer from photocarriers into the magnetic ion system mediated by a two-dimensional electron gas in (Cd,Mn)Te/(Cd,Mg)Te quantum wells. <i>Physical Review B</i> , 2000, 61, 16870-16882.	3.2	88
85	Selective photocatalytic reductions of nitrobenzene derivatives using PbBiO2X and blue light. <i>Green Chemistry</i> , 2011, 13, 640.	9.0	85
86	Excited State Anions in Organic Transformations. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6270-6292.	13.8	85
87	Photocatalytic carbanion generation â€ benzylation of aliphatic aldehydes to secondary alcohols. <i>Chemical Science</i> , 2019, 10, 5162-5166.	7.4	84
88	Carbonyl- and Carboxyl-Substituted Ene-dienes:Â Synthesis, Computations, and Thermal Reactivity. <i>Journal of Organic Chemistry</i> , 2001, 66, 1742-1746.	3.2	83
89	Catalytic Photooxidation of 4-Methoxybenzyl Alcohol with a Flavin-Zinc(II)-Cyclen Complex. <i>Chemistry - A European Journal</i> , 2004, 10, 6223-6231.	3.3	83
90	Photooxidation of Benzyl Alcohols with Immobilized Flavins. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 163-174.	4.3	83

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91	Thiourea-Enhanced Flavin Photooxidation of Benzyl Alcohol. <i>Chemistry - A European Journal</i> , 2008, 14, 1854-1865.	3.3	82
92	Activated carbon as catalyst support: precursors, preparation, modification and characterization. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1188-1202.	2.2	81
93	Electro-mediated PhotoRedox Catalysis for Selective C(sp <sup>3</sup> )-O Cleavages of Phosphinated Alcohols to Carbanions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20817-20825.	13.8	81
94	Silicon-Bridged Macrocycles-Synthesis of Sila-calixarenes. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 661-662.	4.4	80
95	Photoinduced Electron Transfer in a Phenothiazine-Riboflavin Dyad Assembled by Zinc-Imide Coordination in Water. <i>Journal of the American Chemical Society</i> , 1999, 121, 1681-1687.	13.7	80
96	Synthetic Creatinine Receptor: Imprinting of a Lewis Acidic Zinc(II)cyclen Binding Site to Shape Its Molecular Recognition Selectivity. <i>Journal of the American Chemical Society</i> , 2004, 126, 3185-3190.	13.7	80
97	Synthesis, Characterisation and Ligand Properties of Novel 1,2,3-triazole Ligands. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4597-4606.	2.0	79
98	Site-Selective, Remote sp <sup>3</sup> C-H Carboxylation Enabled by the Merger of Photoredox and Nickel Catalysis. <i>Chemistry - A European Journal</i> , 2019, 25, 9001-9005.	3.3	78
99	Polydiacetylene-Based Colorimetric Self-Assembled Vesicular Receptors for Biological Phosphate Ion Recognition. <i>Chemistry - A European Journal</i> , 2009, 15, 7404-7412.	3.3	76
100	Chemistry in Motion-Unidirectional Rotating Molecular Motors. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1622-1624.	13.8	75
101	Synthesis and Structure of 1,4-Dipiperazino Benzenes: Chiral Terphenyl-type Peptide Helix Mimetics. <i>Organic Letters</i> , 2008, 10, 1473-1476.	4.6	74
102	Synthesis of Cyclometallated Platinum Complexes with Substituted Thienylpyridines and Detailed Characterization of Their Luminescence Properties. <i>Inorganic Chemistry</i> , 2009, 48, 4179-4189.	4.0	74
103	Laboratory apparatus for the accurate, facile and rapid determination of visible light photoreaction quantum yields. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 1400-1406.	2.9	74
104	Photocatalytic (Het)arylation of C(sp <sup>3</sup> )-H Bonds with Carbon Nitride. <i>ACS Catalysis</i> , 2021, 11, 1593-1603.	11.2	74
105	Luminescent Crown Ether Amino Acids: Selective Binding to N-terminal Lysine in Peptides. <i>Journal of Organic Chemistry</i> , 2005, 70, 670-674.	3.2	73
106	Visible light photooxidation of nitrate: the dawn of a nocturnal radical. <i>Chemical Communications</i> , 2015, 51, 6568-6571.	4.1	73
107	Synthesis of 2,4,6-Trisubstituted Pyridines by Oxidative Eosin Y Photoredox Catalysis. <i>Journal of Organic Chemistry</i> , 2016, 81, 7121-7126.	3.2	73
108	Redox-Neutral Photocatalytic C-H Carboxylation of Arenes and Styrenes with CO <sub>2</sub> . <i>CheM</i> , 2020, 6, 2658-2672.	11.7	73



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109	What is New in [2.2]Paracyclophane Chemistry?. Synlett, 1997, 1997, 1221-1232.	1.8	72
110	Enantio- and diastereoselective syntheses of cyclic C <sup>1±</sup> -tetrasubstituted $\alpha$ -amino acids and their use to induce stable conformations in short peptides. Biopolymers, 2008, 90, 8-27.	2.4	72
111	Synthesis, Structure, and Coordination Properties of Silicon-Bridged Macrocycles. Journal of Organic Chemistry, 1995, 60, 7406-7410.	3.2	71
112	Quantum Dots in Visible-Light Photoredox Catalysis: Reductive Dehalogenations and C-H Arylation Reactions Using Aryl Bromides. Chemistry of Materials, 2017, 29, 5225-5231.	6.7	71
113	Decarboxylative Cyanation of Aliphatic Carboxylic Acids via Visible-Light Flavin Photocatalysis. Organic Letters, 2019, 21, 1368-1373.	4.6	71
114	Synthesis of pyrrolo[1,2-a]quinolines and ullazines by visible light mediated one- and twofold annulation of N-arylpyrroles with arylalkynes. Chemical Communications, 2016, 52, 8695-8698.	4.1	70
115	Metal-Free Photocatalyzed Cross Coupling of Bromoheteroarenes with Pyrroles. ACS Catalysis, 2016, 6, 6780-6784.	11.2	69
116	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
117	Double-Layered 1,4-Distyrylbenzene Chromophores—Synthesis, UV and Fluorescence Spectra. Chemische Berichte, 1993, 126, 1643-1650.	0.2	68
118	Hydration and Structural Properties of Mixed Lipid/Surfactant Model Membranes. Langmuir, 1997, 13, 525-532.	3.5	68
119	Design of a Neutral Macrocyclic Ionophore: Synthesis and Binding Properties for Nitrate and Bromide Anions. European Journal of Organic Chemistry, 2002, 2002, 3004-3014.	2.4	68
120	Signal amplification and transduction by photo-activated catalysis. Chemical Communications, 2006, , 4694-4696.	4.1	68
121	Intermolecular Formyloxyarylation of Alkenes by Photoredox Meerwein Reaction. ACS Catalysis, 2015, 5, 2935-2938.	11.2	67
122	Photochemical cleavage of a tattoo pigment by UVB radiation or natural sunlight. JDDG - Journal of the German Society of Dermatology, 2007, 5, 583-589.	0.8	66
123	The Use of Solid-Phase Synthesis Techniques for the Preparation of Peptide-Metal Complex Conjugates. European Journal of Organic Chemistry, 2008, 2008, 597-634.	2.4	65
124	Porphycene-mediated photooxidation of benzylamines by visible light. Photochemical and Photobiological Sciences, 2010, 9, 1359-1366.	2.9	64
125	1,4,7,10-Tetraazacyclododecane Metal Complexes as Potent Promoters of Phosphodiester Hydrolysis under Physiological Conditions. Inorganic Chemistry, 2008, 47, 4661-4668.	4.0	63
126	Photoredoxkatalyse durch sensibilisierten Elektronentransfer. Angewandte Chemie, 2017, 129, 8664-8669.	2.0	63



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127	Direct C-H Phosphonylation of Electron-Rich Arenes and Heteroarenes by Visible-Light Photoredox Catalysis. <i>Chemistry - A European Journal</i> , 2017, 23, 12120-12124.	3.3	63
128	Photo-Ni-Dual-Catalytic C(sp <sup>2</sup> )-C(sp <sup>3</sup> ) Cross-Coupling Reactions with Mesoporous Graphitic Carbon Nitride as a Heterogeneous Organic Semiconductor Photocatalyst. <i>ACS Catalysis</i> , 2020, 10, 3526-3532.	11.2	63
129	Photocatalytic water oxidation at soft interfaces. <i>Chemical Science</i> , 2014, 5, 2683-2687.	7.4	62
130	Visible light photocatalytic reduction of aldehydes by Rh( <i>III</i> )-H: a detailed mechanistic study. <i>Chemical Science</i> , 2015, 6, 2027-2034.	7.4	62
131	Photocatalytic Barbier reaction - visible-light induced allylation and benzylation of aldehydes and ketones. <i>Chemical Science</i> , 2018, 9, 7230-7235.	7.4	62
132	Exploiting Protein Symmetry To Design Light-Controllable Enzyme Inhibitors. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 595-598.	13.8	61
133	Alkenylation of unactivated alkyl bromides through visible light photocatalysis. <i>Chemical Communications</i> , 2019, 55, 107-110.	4.1	61
134	Photocatalytic Oxidative Bromination of Electron-Rich Arenes and Heteroarenes by Anthraquinone. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 626-630.	4.3	60
135	Cytidylyl and Uridylyl Cyclase Activity of <i>Bacillus anthracis</i> Edema Factor and <i>Bordetella pertussis</i> CyaA. <i>Biochemistry</i> , 2010, 49, 5494-5503.	2.5	59
136	Visible-light mediated C-C bond cleavage of 1,2-diols to carbonyls by cerium-photocatalysis. <i>Chemical Communications</i> , 2019, 55, 486-488.	4.1	59
137	Dearomative Cycloadditions Utilizing an Organic Photosensitizer: An Alternative to Iridium Catalysis. <i>Organic Letters</i> , 2020, 22, 5035-5040.	4.6	59
138	Metal-Bis(2-picoly)amine Complexes as State-1(T) Inhibitors of Activated Ras Protein. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10647-10651.	13.8	58
139	A Luminescent Receptor with Affinity for N-Terminal Histidine in Peptides in Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2005, 127, 3362-3365.	13.7	57
140	Copper(II)-Photocatalyzed N-H Alkylation with Alkanes. <i>ACS Catalysis</i> , 2020, 10, 8582-8589.	11.2	56
141	In vitro and in vivo biocompatibility testing of Ti-6Al-7Nb alloy with and without plasma-sprayed hydroxyapatite coating. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 58, 727-733.	3.1	55
142	Metal-free C-H sulfonamidation of pyrroles by visible light photoredox catalysis. <i>Chemical Communications</i> , 2016, 52, 10918-10921.	4.1	55
143	Photocatalytic Anion Oxidation and Applications in Organic Synthesis. <i>Journal of Organic Chemistry</i> , 2016, 81, 6927-6936.	3.2	55
144	Photoredoxkatalytische organische Umwandlungen an heterogenen Kohlenstoffnitriden. <i>Angewandte Chemie</i> , 2018, 130, 16164-16176.	2.0	55

#	ARTICLE	IF	CITATIONS
145	Photo-induced thiolate catalytic activation of inert Caryl-hetero bonds for radical borylation. <i>Chem</i> , 2021, 7, 1653-1665.	11.7	55
146	Benzannelated [2.2]paracyclophanes: synthesis and electronic properties. <i>Journal of the American Chemical Society</i> , 1993, 115, 3511-3518.	13.7	53
147	Black tattoo inks are a source of problematic substances such as dibutyl phthalate. <i>Contact Dermatitis</i> , 2011, 65, 231-238.	1.4	53
148	ABCG2/BCRP: Specific and Nonspecific Modulators. <i>Medicinal Research Reviews</i> , 2017, 37, 987-1050.	10.5	53
149	Porphyrinâ€Catalyzed Photochemical Câ€H Arylation of Heteroarenes. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2104-2107.	2.4	53
150	Organic Synthesis without Conventional Solvents. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4213-4232.	2.4	53
151	Strategies for the Photocatalytic Generation of Carbanion Equivalents for Reductant-Free Câ€C Bond Formations. <i>Accounts of Chemical Research</i> , 2021, 54, 242-252.	15.6	53
152	Metal complexes of azacrown ethers in molecular recognition and catalysis. <i>Dalton Transactions RSC</i> , 2002, , 121-130.	2.3	52
153	Visibleâ€Lightâ€Mediated Synthesis of Î²â€Chloro Ketones from Aryl Cyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8577-8580.	13.8	52
154	Photoinitiated carbonyl-metathesis: deoxygenative reductive olefination of aromatic aldehydes <i>via</i> photoredox catalysis. <i>Chemical Science</i> , 2019, 10, 4580-4587.	7.4	52
155	Polydiacetylenevesicles functionalized with N-heterocyclic ligands for metal cation binding. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 655-662.	2.8	51
156	Chromo-pharmacophores: photochromic diarylmaleimide inhibitors for sirtuins. <i>Chemical Science</i> , 2014, 5, 4794-4799.	7.4	51
157	Visible-Light-Mediated Radical Arylation of Anilines with Acceptor-Substituted (Hetero)aryl Halides. <i>Organic Letters</i> , 2017, 19, 5976-5979.	4.6	51
158	Carboxylation of Aromatic and Aliphatic Bromides and Triflates with CO <sub>2</sub> by Dual Visibleâ€Lightâ€Nickel Catalysis. <i>Angewandte Chemie</i> , 2017, 129, 13611-13615.	2.0	50
159	1,2,4-Triazine method of bipyridine ligand synthesis for the preparation of new luminescent Eu(III) complexes. <i>Tetrahedron</i> , 2011, 67, 597-607.	1.9	49
160	Functionalized Membranes for Photocatalytic Hydrogen Production. <i>Chemistry - A European Journal</i> , 2014, 20, 14570-14574.	3.3	49
161	Catalytic Generation of Carbanions through Carbonyl Umpolung. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21624-21634.	13.8	49
162	Activation of Macrocyclic Biaryl-Enediynes by Metal Ion Coordination. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2538-2540.	4.4	48

#	ARTICLE	IF	CITATIONS
163	Zinc-cyclen coordination to UTP, TTP or pyrophosphate induces pyrene excimer emission. Dalton Transactions, 2010, 39, 7250.	3.3	48
164	Heterogeneous photocatalysts in organic synthesis. Russian Chemical Reviews, 2014, 83, 183-195.	6.5	48
165	Visible-Light-Mediated Photoredox-Catalyzed <i>N</i> -Arylation of <i>NH</i> -Sulfoximines with Electron-Rich Arenes. Advanced Synthesis and Catalysis, 2018, 360, 3277-3285.	4.3	48
166	Light-Induced Single-Electron Transfer Processes Involving Sulfur Anions as Catalysts. Journal of the American Chemical Society, 2021, 143, 15530-15537.	13.7	48
167	A novel mechanism for the modulation of the Ras-effector interaction by small molecules. Biochemical and Biophysical Research Communications, 2005, 334, 709-713.	2.1	47
168	Establishment of an Extraction Method for the Recovery of Tattoo Pigments from Human Skin Using HPLC Diode Array Detector Technology. Analytical Chemistry, 2006, 78, 6440-6447.	6.5	47
169	Consecutive nucleophilic substitution and aza Diels-Alder reaction—an efficient strategy to functionalized 2,2'-bipyridines. Tetrahedron Letters, 2006, 47, 869-872.	1.4	47
170	Carbonic anhydrase inhibitors: Two-prong versus mono-prong inhibitors of isoforms I, II, IX, and XII exemplified by photochromic cis-1,2- <i>dithienylethene</i> derivatives. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 1283-1286.	2.2	47
171	Selectivity control in thiol-yne click reactions <i>via</i> visible light induced associative electron upconversion. Chemical Science, 2020, 11, 10061-10070.	7.4	47
172	Tattoo pigments are cleaved by laser light - the chemical analysis in vitro provide evidence for hazardous compounds. Photochemistry and Photobiology, 2004, 80, 185-90.	2.5	47
173	Synthesis and reactivity of the first bis(crown ether) enediyne. Tetrahedron Letters, 1994, 35, 3501-3504.	1.4	46
174	Health risks of tattoo colors. Analytical and Bioanalytical Chemistry, 2008, 391, 9-13.	3.7	46
175	Two-Acceptor Cyanine-Based Fluorescent Indicator for NAD(P)H in Tumor Cell Models. ACS Sensors, 2016, 1, 702-709.	7.8	46
176	A New Route to Crown Ethers by Ruthenium-Catalyzed Ring Closing Metathesis. Synlett, 1996, 1996, 1013-1014.	1.8	45
177	1,4,7,10-Tetraazacyclododecane Metal Complexes as Potent Promoters of Carboxyester Hydrolysis under Physiological Conditions. Inorganic Chemistry, 2007, 46, 4336-4356.	4.0	45
178	Azo Pigments and a Basal Cell Carcinoma at the Thumb. Dermatology, 2008, 216, 76-80.	2.1	45
179	Atom-Economic Electron Donors for Photobiocatalytic Halogenations. ChemCatChem, 2018, 10, 3960-3963.	3.7	45
180	Synthesis of Arylated Nucleobases by Visible Light Photoredox Catalysis. Journal of Organic Chemistry, 2017, 82, 3552-3560.	3.2	44

#	ARTICLE	IF	CITATIONS
181	Reply to "Photoredox Catalysis: The Need to Elucidate the Photochemical Mechanism". <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12822-12824.	13.8	44
182	NADH Model Systems Functionalized with Zn(II)-Cyclen as Flavin Binding Site Structure Dependence of the Redox Reaction within Reversible Aggregates. <i>Journal of the American Chemical Society</i> , 2002, 124, 12999-13007.	13.7	43
183	Electronic Effects on the Bergman Cyclisation of Eneidyne. A Review. <i>Collection of Czechoslovak Chemical Communications</i> , 2004, 69, 945-965.	1.0	43
184	Photocatalytic Oxidation of Sulfinates to Vinyl Sulfones with Cyanamide-Functionalised Carbon Nitride. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2179-2185.	2.4	43
185	Visible-Light-Accelerated C-H Sulfinylation of Heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 409-412.	13.8	43
186	Real-world experience with the all-oral, interferon-free regimen of ombitasvir/paritaprevir/ritonavir and dasabuvir for the treatment of chronic hepatitis C virus infection in the German Hepatitis C Registry. <i>Journal of Viral Hepatitis</i> , 2017, 24, 840-849.	2.0	43
187	Utilising excited state organic anions for photoredox catalysis: activation of (hetero)aryl chlorides by visible light-absorbing 9-anthrolate anions. <i>Faraday Discussions</i> , 2019, 215, 364-378.	3.2	43
188	N-Arylation of NH-Sulfoximines via Dual Nickel Photocatalysis. <i>Organic Letters</i> , 2019, 21, 2740-2744.	4.6	43
189	A Retrosynthetic Approach for Photocatalysis. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1193-1244.	2.4	43
190	Synthesis of Guanidines in Solution. <i>Mini-Reviews in Organic Chemistry</i> , 2006, 3, 315-331.	1.3	42
191	Rigid Luminescent Bis-Zinc(II)-Bis-Cyclen Complexes for the Detection of Phosphate Anions and Non-Covalent Protein Labeling in Aqueous Solution. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 2807-2817.	2.4	42
192	Lanthanide Ions Coupled with Photoinduced Electron Transfer Generate Strong Reduction Potentials from Visible Light. <i>Chemistry - A European Journal</i> , 2017, 23, 7900-7904.	3.3	41
193	Effects of Light Intensity and Reaction Temperature on Photoreactions in Commercial Photoreactors. <i>ChemPhotoChem</i> , 2021, 5, 808-814.	3.0	41
194	Strong fluorescence enhancement of 2-bromo-3-(1H-indol-3-yl)maleimide upon coordination to a Lewis-acidic metal complex. <i>Chemical Communications</i> , 2002, , 776-777.	4.1	40
195	Studies on the photodegradation of red, green and blue phosphorescent OLED emitters. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 2088-2096.	2.2	40
196	Natural phenolic metabolites with anti-angiogenic properties – a review from the chemical point of view. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 249-264.	2.2	40
197	Single-molecule photoredox catalysis. <i>Chemical Science</i> , 2019, 10, 681-687.	7.4	40
198	Synthetische Photoelektrochemie. <i>Angewandte Chemie</i> , 2020, 132, 11828-11844.	2.0	40

#	ARTICLE	IF	CITATIONS
199	Photocatalytic C-H Trifluoromethylthiolation by the Decatungstate Anion. <i>Organic Letters</i> , 2021, 23, 5729-5733.	4.6	40
200	Palladium-Catalyzed Additions of Alkenyl Epoxides to Pronucleophiles: A Synthesis of the Macrolactam Aglycone of Fluviricin B1. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1486-1489.	4.4	39
201	Artificial Photosynthesis at Dynamic Self-Assembled Interfaces in Water. <i>Chemistry - A European Journal</i> , 2016, 22, 58-72.	3.3	39
202	Visible-Light-Mediated Nitration of Protected Anilines. <i>Journal of Organic Chemistry</i> , 2018, 83, 2802-2807.	3.2	39
203	Reinventing the De Mayo reaction: synthesis of 1,5-diketones or 1,5-ketoesters <i>via</i> visible light [2+2] cycloaddition of $\hat{I}^2$ -diketones or $\hat{I}^2$ -ketoesters with styrenes. <i>Chemical Communications</i> , 2018, 54, 11602-11605.	4.1	39
204	Visible-Light-Promoted Metal-Free Synthesis of (Hetero)Aromatic Nitriles from C(sp <sup>3</sup> )-H Bonds**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2439-2445.	13.8	39
205	Chiral Tetraaza Ligands in Asymmetric Catalysis: Recent Progress. <i>Advanced Synthesis and Catalysis</i> , 2003, 345, 1173-1185.	4.3	38
206	Reduction of benzylic alcohols and $\hat{I}^{\pm}$ -hydroxycarbonyl compounds by hydriodic acid in a biphasic reaction medium. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 330-336.	2.2	38
207	Organophotocatalysis in nanostructured soft gel materials as tunable reaction vessels: comparison with homogeneous and micellar solutions. <i>Journal of Materials Chemistry A</i> , 2013, 1, 4577.	10.3	38
208	Photochromic Dopamine Receptor Ligands Based on Dithienylethenes and Fulgides. <i>Chemistry - A European Journal</i> , 2017, 23, 13423-13434.	3.3	38
209	Photocatalytic carbanion generation from C-H bonds $\hat{a}^{\ominus}$ reductant free Barbier/Grignard-type reactions. <i>Chemical Science</i> , 2019, 10, 10991-10996.	7.4	38
210	Molecular Analysis of the Interaction of Bordetella pertussis Adenylyl Cyclase with Fluorescent Nucleotides. <i>Molecular Pharmacology</i> , 2007, 72, 526-535.	2.3	37
211	Aggregation Effects in Visible-Light Flavin Photocatalysts: Synthesis, Structure, and Catalytic Activity of 10-Arylflavins. <i>Chemistry - A European Journal</i> , 2013, 19, 1066-1075.	3.3	37
212	Black Tattoos Entail Substantial Uptake of Genotoxic polycyclic Aromatic Hydrocarbons (PAH) in Human Skin and Regional Lymph Nodes. <i>PLoS ONE</i> , 2014, 9, e92787.	2.5	37
213	Metal-free Semiconductor Photocatalysis for sp <sup>2</sup> C-H Functionalization with Molecular Oxygen. <i>ChemCatChem</i> , 2019, 11, 703-706.	3.7	37
214	Deazaflavin reductive photocatalysis involves excited semiquinone radicals. <i>Nature Communications</i> , 2020, 11, 3174.	12.8	37
215	C(sp <sup>3</sup> ) $\hat{a}^{\sim}$ C(sp <sup>3</sup> ) 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.	4.3	37
216	New Heterocyclic $\hat{I}^2$ -Sheet Ligands with Peptidic Recognition Elements. <i>Journal of Organic Chemistry</i> , 2004, 69, 5168-5178.	3.2	36

#	ARTICLE	IF	CITATIONS
217	Transition Metal Complexes of Some Azamacrocycles and Their Use in Molecular Recognition. <i>Current Organic Synthesis</i> , 2007, 4, 390-412.	1.3	36
218	Molecular Analysis of the Interaction of Anthrax Adenylyl Cyclase Toxin, Edema Factor, with 2- <i>N</i> -(methyl)anthraniloyl)-Substituted Purine and Pyrimidine Nucleotides. <i>Molecular Pharmacology</i> , 2009, 75, 693-703.	2.3	36
219	The decrease of pigment concentration in red tattooed skin years after tattooing. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2011, 25, 1340-1345.	2.4	36
220	Dynamic Interface Imprinting: High-Affinity Peptide Binding Sites Assembled by Analyte-Induced Recruiting of Membrane Receptors. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10060-10063.	13.8	36
221	Photocatalytic $\alpha$ -Oxyamination of Stable Enolates, Silyl Enol Ethers, and $\alpha$ -Oxoalkane Phosphonic Esters. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 309-313.	2.4	36
222	Photocatalytic activation of N-chloro compounds for the chlorination of arenes. <i>Tetrahedron</i> , 2016, 72, 7821-7825.	1.9	36
223	Photoinduced Energy- and Electron-Transfer Processes within Dynamic Self-assembled Donor-Acceptor Arrays. <i>Journal of the American Chemical Society</i> , 2002, 124, 11541-11551.	13.7	35
224	Synthetic Receptors for the Differentiation of Phosphorylated Peptides with Nanomolar Affinities. <i>Chemistry - A European Journal</i> , 2008, 14, 8922-8927.	3.3	35
225	Characterization of Mouse Heart Adenylyl Cyclase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 329, 1156-1165.	2.5	35
226	Modular Chemosensors from Self-Assembled Vesicle Membranes with Amphiphilic Binding Sites and Reporter Dyes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7125-7128.	13.8	35
227	Urea derivatives enhance the photocatalytic activity of dye-modified titanium dioxide. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 623.	2.9	35
228	Preparation of Magnesium, Cobalt and Nickel Ferrite Nanoparticles from Metal Oxides using Deep Eutectic Solvents. <i>Chemistry - A European Journal</i> , 2016, 22, 13108-13113.	3.3	35
229	Binding of Heptanedioic Acid to a Threefold Pyridine Arylamide Receptor. Enhancement of the Stability of Supramolecular Solution Structures by Multiple Binding Sites. <i>Journal of Organic Chemistry</i> , 1995, 60, 4291-4293.	3.2	34
230	Synthesis, Structure, and Reactivity of Eneidyne Macrocycles. <i>Journal of Organic Chemistry</i> , 1996, 61, 4258-4261.	3.2	34
231	Ditopic crown ether-guanidinium ion receptors for the molecular recognition of amino acids and small peptides. <i>Tetrahedron</i> , 2010, 66, 1859-1873.	1.9	34
232	Luminescent vesicular receptors for the recognition of biologically important phosphate species. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3704.	2.8	34
233	Tb(III) functionalized vesicles for phosphate sensing: membrane fluidity controls the sensitivity. <i>Chemical Communications</i> , 2013, 49, 5681.	4.1	34
234	Transition metal- and photoredox-catalyzed valorisation of lignin subunits. <i>Green Chemistry</i> , 2018, 20, 4844-4852.	9.0	34

#	ARTICLE	IF	CITATIONS
235	Birch-type Photoreduction of Arenes and Heteroarenes by Sensitized Electron Transfer. <i>Angewandte Chemie</i> , 2019, 131, 14427-14432.	2.0	34
236	CO <sub>2</sub> or SO <sub>2</sub> : Should It Stay, or Should It Go?. <i>Journal of Organic Chemistry</i> , 2019, 84, 6232-6243.	3.2	34
237	Chromone derivatives which bind to human hair. <i>Tetrahedron</i> , 2005, 61, 7366-7377.	1.9	33
238	Halogenase-Inspirierte oxidative Chlorierung mittels Flavin-Photokatalyse. <i>Angewandte Chemie</i> , 2016, 128, 5428-5431.	2.0	33
239	Flavonoid derivatives as selective ABCC1 modulators: Synthesis and functional characterization. <i>European Journal of Medicinal Chemistry</i> , 2016, 109, 124-133.	5.5	33
240	Photo-nickel dual catalytic benzylation of aryl bromides. <i>Chemical Communications</i> , 2019, 55, 10796-10799.	4.1	33
241	Excited-State 2,3-Dichloro-5,6-dicyano-1,4-benzoquinone (DDQ*) Initiated Organic Synthetic Transformations under Visible-Light Irradiation. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2145-2161.	2.4	33
242	Photocatalytic Phenol-Arene C-C and C-O Cross-Dehydrogenative Coupling. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2194-2204.	2.4	32
243	Fulgimides as Light-Activated Tools in Biological Investigations. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5018-5024.	2.4	32
244	Controllable Isomerization of Alkenes by Dual Visible-Light-Cobalt Catalysis. <i>Angewandte Chemie</i> , 2019, 131, 5779-5784.	2.0	32
245	Unexpected Photophysical Properties of Symmetric Indolylmaleimide Derivatives. <i>Journal of Physical Chemistry A</i> , 2005, 109, 6440-6449.	2.5	31
246	Octacyclopropylcubane and Some of Its Isomers. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4574-4576.	13.8	31
247	Flow Chemistry in Undergraduate Organic Chemistry Education. <i>Journal of Chemical Education</i> , 2013, 90, 934-936.	2.3	31
248	Solvent-free, visible-light photocatalytic alcohol oxidations applying an organic photocatalyst. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2358-2363.	2.2	31
249	Sensitivity and specificity of carbohydrate-deficient transferrin in drinking experiments and different patients. <i>Alcohol</i> , 2001, 25, 189-194.	1.7	30
250	Synthesis and thermal cyclization of an enediyne-sulfonamide. <i>Tetrahedron</i> , 2004, 60, 1087-1092.	1.9	30
251	Efficient preparation of Î <sup>2</sup> -glucosyl and Î <sup>2</sup> -mannosyl ureas and other N-glucosides in carbohydrate melts. <i>Green Chemistry</i> , 2011, 13, 156-161.	9.0	30
252	Synthesis of Pyrimidopyrimidinediones in a Deep Eutectic Reaction Mixture. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2368-2372.	4.3	30



#	ARTICLE	IF	CITATIONS
253	Self-Assembled Vesicles with Functionalized Membranes. <i>Chemistry - A European Journal</i> , 2013, 19, 438-448.	3.3	30
254	Unraveling the Thermal Isomerization Mechanisms of Heteroaryl Azoswitches: Phenylazoindoles as Case Study. <i>Journal of Physical Chemistry A</i> , 2019, 123, 1814-1823.	2.5	30
255	Synthesis and Photoinduced cis-trans Isomerization of Diaryl Eneidyne Chromophores. <i>Journal of Organic Chemistry</i> , 1994, 59, 7142-7143.	3.2	29
256	Î±-Mannosyl clusters scaffolded on azamacrocycles: Synthesis and inhibitory properties in the adhesion of type 1 fimbriated <i>Escherichia coli</i> to Guinea pig erythrocytes. <i>Tetrahedron Letters</i> , 1998, 39, 2307-2310.	1.4	29
257	Design, Synthesis, and Evaluation of a Biomimetic Artificial Photolyase Model. <i>Journal of Organic Chemistry</i> , 2004, 69, 8183-8185.	3.2	29
258	Comparison of the performance of the rapid antigen detection actim Influenza A&B test and RT-PCR in different respiratory specimens. <i>Journal of Medical Microbiology</i> , 2009, 58, 365-370.	1.8	29
259	Visible light induced redox neutral fragmentation of 1,2-diol derivatives. <i>Chemical Communications</i> , 2019, 55, 13144-13147.	4.1	29
260	Synthesis of substituted hydantoins in low melting mixtures. <i>Chemical Communications</i> , 2013, 49, 5052.	4.1	28
261	Influence of birth cohort on age of onset cluster analysis in bipolar I disorder. <i>European Psychiatry</i> , 2015, 30, 99-105.	0.2	28
262	Decarboxylative Alkynylation of Biomass-Derived Compounds by Metal-Free Visible Light Photocatalysis. <i>ChemPhotoChem</i> , 2017, 1, 237-242.	3.0	28
263	Photocatalytic Reductive Radical-Polar Crossover for a Base-Free Corey-Seebach Reaction. <i>Chemistry - A European Journal</i> , 2020, 26, 12945-12950.	3.3	28
264	Photocatalytic Synthesis of Polycyclic Indolones. <i>Chemistry - A European Journal</i> , 2020, 26, 7004-7007.	3.3	28
265	Photosubstitution in Dicyanobenzene-based Photocatalysts. <i>Organic Letters</i> , 2021, 23, 3146-3150.	4.6	28
266	Decarboxylative Ritter-Type Amination by Cooperative Iodine (I/III)-Boron Lewis Acid Catalysis. <i>ACS Catalysis</i> , 2022, 12, 809-817.	11.2	28
267	Tetrahydrofuran CÎ±-Tetrasubstituted Amino Acids: Two Consecutive Î²-Turns in a Crystalline Linear Tripeptide. <i>Journal of Organic Chemistry</i> , 2007, 72, 8046-8053.	3.2	27
268	Oxidation and Deprotection of Primary Benzylamines by Visible Light Flavin Photocatalysis. <i>Synthesis</i> , 2010, 2010, 1712-1718.	2.3	27
269	First synthesis of naphthalene annulated oxepins. <i>RSC Advances</i> , 2014, 4, 60473-60477.	3.6	27
270	Photochromic coenzyme Q derivatives: switching redox potentials with light. <i>Chemical Science</i> , 2017, 8, 6474-6483.	7.4	27

#	ARTICLE	IF	CITATIONS
271	Flavin photocatalysis. <i>Physical Sciences Reviews</i> , 2018, 3, .	0.8	27
272	Visible Light-Induced Regioselective Cycloaddition of Benzoyl Azides and Alkenes To Yield Oxazolines. <i>Journal of Organic Chemistry</i> , 2019, 84, 6278-6285.	3.2	27
273	Photochromic Evaluation of <i>3(5)-Arylazo-1<i>H</i>-pyrazoles</i> . <i>Journal of Organic Chemistry</i> , 2020, 85, 4079-4088.	3.2	27
274	Palladium-Catalyzed Self-Cross Coupling of <i>o</i> -Bromo- <i>trans</i> -stilbenes To Yield 9,10-Bis(arylmethylene)-9,10-dihydroanthracenes. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 2289-2299.	2.4	26
275	Changing the Reactivity of Ene-dienes by Metal-Ion Coordination. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 381-385.	2.4	26
276	Synthesis of novel nitrogen-containing ligands for the enantioselective addition of diethylzinc to aldehydes. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1989-1994.	1.8	26
277	Screening of metal complex-amino acid side chain interactions by potentiometric titration. <i>Inorganica Chimica Acta</i> , 2006, 359, 1159-1168.	2.4	26
278	NG-Acyl-argininamides as NPY Y1 receptor antagonists: Influence of structurally diverse acyl substituents on stability and affinity. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 6292-6304.	3.0	26
279	Modular Synthesis of Triazole-Containing Triaryl Helix Mimetics. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 2474-2490.	2.4	26
280	Enhanced Photocatalytic Hydrogen Production by Adsorption of an [FeFe]-Hydrogenase Subunit Mimic on Self-Assembled Membranes. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 554-560.	2.0	26
281	Visible-Light-Mediated Liberation and In Situ Conversion of Fluorophosphene. <i>Chemistry - A European Journal</i> , 2019, 25, 361-366.	3.3	26
282	Enhanced Peptide $\beta$ -Sheet Affinity by Metal to Ligand Coordination. <i>Journal of Organic Chemistry</i> , 2005, 70, 5305-5308.	3.2	25
283	Utilizing Reversible Copper(II) Peptide Coordination in a Sequence-Selective Luminescent Receptor. <i>Chemistry - A European Journal</i> , 2008, 14, 2536-2541.	3.3	25
284	A Photocatalytic Meerwein Approach to the Synthesis of Isochromanones and Isochromenones. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2147-2153.	2.4	25
285	Light Regulation of Enzyme Allostery through Photo-responsive Unnatural Amino Acids. <i>Cell Chemical Biology</i> , 2019, 26, 1501-1514.e9.	5.2	25
286	Synthesis and Peptide Binding Properties of Methoxypyrrole Amino Acids (MOPAS). <i>Organic Letters</i> , 2004, 6, 1349-1352.	4.6	24
287	Acceleration of Suzuki-Miyaura and Stille-type Coupling Reactions by Irradiation with Near-UV Light. <i>ChemSusChem</i> , 2008, 1, 993-996.	6.8	24
288	Solar insolation in springtime influences age of onset of bipolar I disorder. <i>Acta Psychiatrica Scandinavica</i> , 2017, 136, 571-582.	4.5	24

#	ARTICLE	IF	CITATIONS
289	Intermolecular Photocatalytic Chemo-, Stereo- and Regioselective Thiol-ene Coupling Reaction. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	24
290	Carbon Rich Cyclophanes with Unusual Properties – an Update. <i>Topics in Current Chemistry</i> , 1998, , 91-136.	4.0	23
291	Buried single CdTe/CdMnTe quantum dots realized by focused ion beam lithography. <i>Applied Physics Letters</i> , 1999, 75, 956-958.	3.3	23
292	Urea Derivatives of 1,4,7,10-Tetraazacyclododecane – Synthesis and Binding Properties. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 1943-1949.	2.4	23
293	A Model System for Flavoenzyme Activity – Binding of Flavin and Modulation of Its Redox Potentials through Coordination to a Lewis-Acidic Azamacrocyclic Zinc(II) Complex. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 2297-2303.	2.4	23
294	Acceleration of the spin-lattice relaxation in diluted magnetic quantum wells in the presence of a two-dimensional electron gas. <i>Physical Review B</i> , 2001, 64, .	3.2	23
295	Modular synthesis of non-peptidic bivalent NPY Y1 receptor antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 9858-9866.	3.0	23
296	Bis-Halogen-Anthraniloyl-Substituted Nucleoside 5'-Triphosphates as Potent and Selective Inhibitors of <i>Bordetella pertussis</i> Adenylyl Cyclase Toxin. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 336, 104-115.	2.5	23
297	Targeting Melanoma Metastasis and Immunosuppression with a New Mode of Melanoma Inhibitory Activity (MIA) Protein Inhibition. <i>PLoS ONE</i> , 2012, 7, e37941.	2.5	23
298	N <sup>1</sup> -Carbamoylation of the Arginamide Moiety: An Avenue to Insurmountable NPY Y <sub>1</sub> Receptor Antagonists and a Radiolabeled Selective High-Affinity Molecular Tool ([ <sup>3</sup> H]UR-MK299) with Extended Residence Time. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8834-8849.	6.4	23
299	Functionalized Vesicles with Co-Embedded CdSe Quantum Dots and [FeFe]-Hydrogenase Mimic for Light-Driven Hydrogen Production. <i>ChemistrySelect</i> , 2016, 1, 1405-1409.	1.5	23
300	Photochromic histone deacetylase inhibitors based on dithienylethenes and fulgimides. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4882-4896.	2.8	23
301	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.	3.3	23
302	A General Entry to Rigid Systems with Alternatingly Orthogonal Arene Units via Diels-Alder Reactions. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 1361-1363.	4.4	22
303	Palladium-Catalyzed Coupling of Vinylferrocene with Aromatic Halides – A Highly Efficient Route to (Ferrocenylvinyl)arenes. <i>Chemische Berichte</i> , 1994, 127, 1811-1813.	0.2	22
304	Synthesis, structure and catalytic activity of new chiral nitrogen-containing ligands. <i>Inorganica Chimica Acta</i> , 2003, 352, 136-142.	2.4	22
305	PEG-supported synthesis of pyrazole oligoamides with peptide $\beta$ -sheet affinity. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1603-1611.	2.8	22
306	Solid phase synthesis of tariquidar-related modulators of ABC transporters preferring breast cancer resistance protein (ABCG2). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3654-3657.	2.2	22

#	ARTICLE	IF	CITATIONS
307	Benzanilideâ€“Biphenyl Replacement: A Bioisosteric Approach to Quinoline Carboxamide-Type ABCG2 Modulators. ACS Medicinal Chemistry Letters, 2013, 4, 393-396.	2.8	22
308	Air-Sensitive Photoredox Catalysis Performed under Aerobic Conditions in Gel Networks. Journal of Organic Chemistry, 2018, 83, 7928-7938.	3.2	22
309	Tariquidar-related triazoles as potent, selective and stable inhibitors of ABCG2 (BCRP). European Journal of Medicinal Chemistry, 2020, 191, 112133.	5.5	22
310	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. Journal of the American Chemical Society, 1990, 112, 6827-6832.	13.7	21
311	Structure of Mixed Multilayers of Palmitoyl-oleoylphosphatidylcholine and Oligo(oxyethylene glycol) Monododecyl Ether Determined by X-ray and Neutron Diffraction. Langmuir, 1996, 12, 409-415.	3.5	21
312	Synthesis of Functionalized Fluorescent Europium(III) Terpyridyl Chelates. Synthesis, 2003, 2003, 2400-2404.	2.3	21
313	Asymmetric Indolylmaleimide Derivatives and Their Complexation with Zinc(II)â€“Cyclen. Journal of Physical Chemistry A, 2005, 109, 9443-9455.	2.5	21
314	Synthesis of Functionalized Guanidino Amino Acids. Chemistry - A European Journal, 2006, 12, 8150-8157.	3.3	21
315	Cooperative Self-Assembly of Adenosine and Uridine Nucleotides on a 2D Synthetic Template. Angewandte Chemie - International Edition, 2006, 45, 5340-5344.	13.8	21
316	Zinc(II)cyclenâ€“peptide conjugates interacting with the weak effector binding state of Ras. Inorganica Chimica Acta, 2011, 365, 38-48.	2.4	21
317	Photocatalytic surface patterning of cellulose using diazonium salts and visible light. Organic and Biomolecular Chemistry, 2013, 11, 6510.	2.8	21
318	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
319	Oxidative homodimerization of substituted olefins by DDQ visible light photocatalysis. Organic Chemistry Frontiers, 2018, 5, 3553-3556.	4.5	21
320	Substituent Effects on 3-Arylazoindole Photoswitches. Journal of Organic Chemistry, 2019, 84, 6565-6575.	3.2	21
321	[2.2](4,7)Isobenzofuranophanes - Synthesis, Characterisation, and Reactivity. Chemische Berichte, 1994, 127, 2263-2266.	0.2	20
322	SiliciumverbrÃ¼ckte Makrocyclen â€“ Synthese von Silacalixarenen. Angewandte Chemie, 1995, 107, 752-754.	2.0	20
323	Developing and Disseminating NOP: An Online, Open-Access, Organic Chemistry Teaching Resource To Integrate Sustainability Concepts in the Laboratory. Journal of Chemical Education, 2008, 85, 1000.	2.3	20
324	Cu <sup>2+</sup> -cyclen as Probe to Identify Conformational States in Guanine Nucleotide Binding Proteins. Journal of the American Chemical Society, 2011, 133, 2048-2051.	13.7	20

#	ARTICLE	IF	CITATIONS
325	A photoswitchable GABA receptor channel blocker. <i>British Journal of Pharmacology</i> , 2019, 176, 2661-2677.	5.4	20
326	Mizoroki–Heck type reactions and synthesis of 1,4-dicarbonyl compounds by heterogeneous organic semiconductor photocatalysis. <i>Green Chemistry</i> , 2021, 23, 2017-2024.	9.0	20
327	Photoredox-Catalyzed Site-Selective Generation of Carbanions from C(sp <sup>3</sup> )–H Bonds in Amines. <i>ACS Catalysis</i> , 2022, 12, 3974-3984.	11.2	20
328	A new synthetic route to substituted cyclam macrocycles. <i>Chemical Communications</i> , 1996, , 471-472.	4.1	19
329	II–VI quantum structures with tunable electron -factor. <i>Journal of Crystal Growth</i> , 2000, 214-215, 378-386.	1.5	19
330	Chiral NADH model systems functionalized with Zn(II)-cyclen as flavin binding site. <i>Tetrahedron</i> , 2005, 61, 5241-5251.	1.9	19
331	Stable Right- and Left-Handed Peptide Helices containing C <sup>±</sup> -Tetrasubstituted $\hat{\pm}$ -Amino Acids. <i>Journal of Organic Chemistry</i> , 2009, 74, 3718-3726.	3.2	19
332	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.	2.6	19
333	Artificial Light Regulation of an Allosteric Bienenzyme Complex by a Photosensitive Ligand. <i>ChemBioChem</i> , 2018, 19, 1750-1757.	2.6	19
334	All-organic Z-scheme photoreduction of CO <sub>2</sub> with water as the donor of electrons and protons. <i>Applied Catalysis B: Environmental</i> , 2021, 285, 119773.	20.2	19
335	Synthesis of Unnatural $\hat{\pm}$ -Amino Acid Derivatives via Photoredox Activation of Inert C(sp <sup>3</sup> )–H Bonds. <i>Organic Letters</i> , 2022, 24, 4793-4797.	4.6	19
336	Synthesis of Macrocyclic Eneidyne by Twofold C-Alkylation. <i>Synthesis</i> , 1996, 1996, 446-448.	2.3	18
337	Heteroaromatic Oligoamides with dDNA Affinity. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3473-3483.	2.4	18
338	Temperature responsive phosphorescent small unilamellar vesicles. <i>Chemical Communications</i> , 2012, 48, 7489.	4.1	18
339	Thiacalix[4]arene-functionalized vesicles as phosphorescent indicators for pyridoxine detection in aqueous solution. <i>RSC Advances</i> , 2015, 5, 101177-101185.	3.6	18
340	Preparation of Supported Palladium Catalysts using Deep Eutectic Solvents. <i>Chemistry - A European Journal</i> , 2017, 23, 12467-12470.	3.3	18
341	Photocatalytic Oxidative Iodination of Electron-Rich Arenes. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3998-4004.	4.3	18
342	Electro-mediated PhotoRedox Catalysis for Selective C(sp <sup>3</sup> )–O Cleavages of Phosphinated Alcohols to Carbanions. <i>Angewandte Chemie</i> , 2021, 133, 20985-20993.	2.0	18

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343	C(sp <sup>3</sup> )â€”H Ritter amination by excitation of <i>in situ</i> generated iodine( <sup>iii</sup> )â€”BF <sub>3</sub> complexes. <i>Chemical Communications</i> , 2022, 58, 8778-8781.	4.1	18
344	Ferrocene-bridged bis(2,2â€”bipyridines) - new tweezer-type ligands for transition metal ions. <i>Tetrahedron</i> , 1995, 51, 6267-6272.	1.9	17
345	Synthesis of a Sulfur-bridged Calixarene. <i>Journal of Chemical Research Synopses</i> , 1997, , 69-69.	0.3	17
346	Gradient reversed-phase liquid chromatography coupled on-line to receptor-affinity detection based on the urokinase receptor. <i>Biomedical Applications</i> , 1998, 715, 331-338.	1.7	17
347	N-Arylation of 1,4,7,10-Tetraazacyclododecanes. <i>Synthesis</i> , 2001, 2001, 1818-1825.	2.3	17
348	Strong emission increase of a dicarboxyterpyridene europium (III) complex in the presence of citrate and hydrogen peroxide. <i>Inorganica Chimica Acta</i> , 2005, 358, 2445-2448.	2.4	17
349	Solid-phase synthesis of metal-complex containing peptides. <i>Tetrahedron</i> , 2007, 63, 4918-4928.	1.9	17
350	Modular synthesis of di- and tripeptides of luminescent crown ether aminocarboxylic acids. <i>Tetrahedron</i> , 2009, 65, 690-695.	1.9	17
351	Metalâ€”Catalyzed Derivatization of C <sup>1</sup> â€”Tetrasubstituted Amino Acids and Their Use in the Synthesis of Cyclic Peptides. <i>Chemistry - an Asian Journal</i> , 2009, 4, 1134-1140.	3.3	17
352	Structureâ€”activity relationships for the interactions of 2â€” and 3â€”-(O)-(N-methyl)anthraniloyl-substituted purine and pyrimidine nucleotides with mammalian adenylyl cyclases. <i>Biochemical Pharmacology</i> , 2011, 82, 358-370.	4.4	17
353	Solvent-Free Preparation of 5-(1-D-Glucosyloxymethyl)furfural from Isomaltuloseâ€”Choline Chloride Melts. <i>Synthetic Communications</i> , 2012, 42, 3112-3116.	2.1	17
354	Fast and effective inactivation of <i>Bacillus atrophaeus</i> endospores using light-activated derivatives of vitamin B2. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 387-396.	2.9	17
355	Mechanochemically Initiated Achmatowicz Rearrangement. <i>Synthetic Communications</i> , 2015, 45, 348-354.	2.1	17
356	Reply to â€”Photoredox Catalysis: The Need to Elucidate the Photochemical Mechanismâ€” <i>Angewandte Chemie</i> , 2017, 129, 12998-13000.	2.0	17
357	Photochromic Indolyl Fulgimides as Chromo-pharmacophores Targeting Sirtuins. <i>Journal of Organic Chemistry</i> , 2018, 83, 7919-7927.	3.2	17
358	4,5,12,13â€”Tetrabromo[2.2]paracyclophane â€” A New Bis(aryne) Equivalent. <i>Chemische Berichte</i> , 1993, 126, 2531-2534.	0.2	16
359	Two-Dimensional Arrays of Amphiphilic Zn <sup>2+</sup> -Cyclens for Guided Molecular Recognition at Interfaces. <i>Langmuir</i> , 2007, 23, 2517-2524.	3.5	16
360	Tariquidar Analogues: Synthesis by CuI-Catalysed N/Oâ€”Aryl Coupling and Inhibitory Activity against the ABCB1 Transporter. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 2643-2649.	2.4	16

#	ARTICLE	IF	CITATIONS
361	Detection of Protein Phosphorylation on SDS-PAGE Using Probes with a Phosphate-Sensitive Emission Response. <i>Bioconjugate Chemistry</i> , 2009, 20, 804-807.	3.6	16
362	Development of photoswitchable inhibitors for $\beta$ -galactosidase. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7430-7437.	2.8	16
363	Oxidative Photochlorination of Electron-Rich Arenes via in situ Bromination. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1491-1495.	2.4	16
364	Photocontrol of Endogenous Glycine Receptors In Vivo. <i>Cell Chemical Biology</i> , 2020, 27, 1425-1433.e7.	5.2	16
365	New, Efficient Routes to Cyclic Enediyne. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 165-166.	4.4	15
366	Well-Rounded Research: Nanotubes through Self-Assembly. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1833-1835.	4.4	15
367	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2000, 37, 39-57.	1.6	15
368	Quinoline Carboxamide-Type ABCG2 Modulators: Indole and Quinoline Moieties as Anilide Replacements. <i>ChemMedChem</i> , 2013, 8, 1773-1778.	3.2	15
369	A systematic study of the influence of mesoscale structuring on the kinetics of a chemical reaction. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23773-23780.	2.8	15
370	Tuning the Excimer Emission of Amphiphilic Platinum(II) Complexes Mediated by Phospholipid Vesicles. <i>Inorganic Chemistry</i> , 2017, 56, 4885-4897.	4.0	15
371	On the use of diarylmaleimide derivatives in biological contexts: An investigation of the photochromic properties in aqueous solution. <i>Dyes and Pigments</i> , 2017, 137, 410-420.	3.7	15
372	Photochemical Functionalization of Helicenes. <i>Chemistry - A European Journal</i> , 2020, 26, 543-547.	3.3	15
373	Significance of the Protein Interface Configuration for Allostery in Imidazole Glycerol Phosphate Synthase. <i>Biochemistry</i> , 2020, 59, 2729-2742.	2.5	15
374	Chemical Photocatalysis – Do It Right!. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1191-1192.	2.4	15
375	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
376	Investigation of carrier-mediated anion co-transport through organic membranes by use of competitive transport experiments. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 374, 148-154.	3.7	14
377	Synthesis and Cannabinoid Receptor Activity of Ketoalkenes from <i>Echinacea pallida</i> and Nonnatural Analogues. <i>Chemistry - A European Journal</i> , 2008, 14, 10978-10984.	3.3	14
378	Immobilisation of photoswitchable diarylcyclohexenes synthesised via cobalt-mediated Diels-Alder reaction. <i>Chemical Communications</i> , 2014, 50, 1864-1866.	4.1	14



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379	Cooperative hydrolysis of aryl esters on functionalized membrane surfaces and in micellar solutions. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3175-3180.	2.8	14
380	Functionalization of photochromic dithienylmaleimides. <i>RSC Advances</i> , 2015, 5, 18075-18086.	3.6	14
381	Light upconverting soft particles: triplet-triplet annihilation in the phospholipid bilayer of self-assembled vesicles. <i>RSC Advances</i> , 2016, 6, 41947-41950.	3.6	14
382	Impact of customary fluoride rinsing solutions on the pellicle's protective properties and bioadhesion in situ. <i>Scientific Reports</i> , 2017, 7, 16584.	3.3	14
383	Structure-based development of caged dopamine D2/D3 receptor antagonists. <i>Scientific Reports</i> , 2020, 10, 829.	3.3	14
384	Ein allgemeiner Zugang zu starren Systemen mit alternierend orthogonalen Aren-Einheiten $\frac{1}{4}$ ber Diels-Alder-Reaktionen. <i>Angewandte Chemie</i> , 1991, 103, 1350-1351.	2.0	13
385	Diels-Alder Reactions of [2.2] Paracyclophan-1-ene and [2.2] Paracyclophane-1,9-diene with 3,6-Disubstituted 1,2,4,5-Tetrazines. <i>Helvetica Chimica Acta</i> , 1992, 75, 901-906.	1.6	13
386	[2.2]Paracyclophane-1-yne: preparation and structural analysis of the bis(triphenylphosphane) platinum complex. <i>Chemical Communications</i> , 1996, , 543-544.	4.1	13
387	Synthesis of mono-dispersed spherical silica particles containing covalently bonded chromophores. <i>International Journal of Cosmetic Science</i> , 2005, 27, 177-189.	2.6	13
388	Synthesis and structure of a heterocyclic ansa pyrrole amino acid. <i>Tetrahedron</i> , 2008, 64, 3005-3016.	1.9	13
389	Luminescent Hybrids Combining a Metal Complex and a Crown Ether Receptors for Peptidic Ammonium Phosphates. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2926-2935.	2.0	13
390	Binding of a hemoregulatory tetrapeptide by a bis-guanidinium crown ether. <i>Tetrahedron</i> , 2010, 66, 6019-6025.	1.9	13
391	Vesicular aptasensor for the detection of thrombin. <i>Chemical Communications</i> , 2014, 50, 12665-12668.	4.1	13
392	The interface makes a difference: lanthanide ion coated vesicles hydrolyze phosphodiesteres. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9789-9792.	2.8	13
393	Photophysical Activity and Host-Guest Behavior of Ruthenium Polypyridyl Catalysts Encapsulated in Cucurbit[10]uril. <i>Inorganic Chemistry</i> , 2020, 59, 9135-9142.	4.0	13
394	Photoangeregte Anionen in organischen Reaktionen. <i>Angewandte Chemie</i> , 2021, 133, 6338-6363.	2.0	13
395	Photochromic peptidic NPY Y <sub>4</sub> receptor ligands. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2467-2478.	2.8	13
396	Synthesis and Diels-Alder Reactions of 1,2-Dimethylene- and 1,2,9,10-Tetramethylene[2.2]paracyclophane: New Routes to Bridge-Anellated [2.2]Paracyclophanedienes. <i>Chemische Berichte</i> , 1992, 125, 1895-1898.	0.2	12

#	ARTICLE	IF	CITATIONS
397	Aktivierung von makrocyclischen Biaryl-Endiinen durch Koordination von Metallionen. <i>Angewandte Chemie</i> , 1995, 107, 2763-2765.	2.0	12
398	Synthesis and Structure of a Stabilized 10-Membered Cyclic Eneidyne. <i>Journal of Organic Chemistry</i> , 2002, 67, 6805-6807.	3.2	12
399	Parallel solid-phase synthesis of diaryltriazoles. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 1027-1036.	2.2	12
400	Inhibition of the adenylyl cyclase toxin, edema factor, from <i>Bacillus anthracis</i> by a series of 18 mono- and bis-(M)ANT-substituted nucleoside 5'-triphosphates. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012, 385, 57-68.	3.0	12
401	C-H-Sulfonylierung von Heteroaromaten beschleunigt durch sichtbares Licht. <i>Angewandte Chemie</i> , 2017, 129, 420-423.	2.0	12
402	Preparation of Propargyl Amines in a ZnCl <sub>2</sub> -Dimethylurea Deep-Eutectic Solvent. <i>Synlett</i> , 2018, 29, 185-188.	1.8	12
403	Photodynamic inactivation of bacteria to decolonize methicillin-resistant <i>Staphylococcus aureus</i> from human skin. <i>British Journal of Dermatology</i> , 2018, 179, 1358-1367.	1.5	12
404	Tariquidar-Related Chalcones and Ketones as ABCG2 Modulators. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 854-859.	2.8	12
405	Optical Control of GABA <sub>A</sub> Receptors with a Fulgimide-Based Potentiator. <i>Chemistry - A European Journal</i> , 2020, 26, 12722-12727.	3.3	12
406	Photocatalyzed Intramolecular [2+2] Cycloaddition of <i>N</i> -Alkyl- <i>N</i> -(1-arylvinyl)arylcinnamamides. <i>Chemistry - A European Journal</i> , 2021, 27, 3722-3728.	3.3	12
407	Zur Kenntniss der Leukoverbindungen von Oxyketonen. <i>Berichte Der Deutschen Chemischen Gesellschaft Zu Berlin</i> , 1906, 39, 4027-4031.	0.3	11
408	Synthesis of aromatic and heteroaromatic oligoamides on methoxypoly(ethylene glycol) as solubilizing polymer support. <i>New Journal of Chemistry</i> , 2000, 24, 39-45.	2.8	11
409	Tetrahydroxy 10-Membered Cyclic Eneidyne. <i>Journal of Organic Chemistry</i> , 2003, 68, 9379-9383.	3.2	11
410	Immobilised zinc (II) cyclen complexes as catalytic reagents for phosphodiester hydrolysis. <i>Inorganica Chimica Acta</i> , 2005, 358, 2269-2274.	2.4	11
411	Sensitization of Nanocrystalline TiO <sub>2</sub> Films with Carboxy-Functionalized Bis(indolyl)maleimide. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 3443-3449.	2.4	11
412	Allergological implication of the quaternary hexameric structure of the cockroach allergen Per a 3. <i>Clinical and Experimental Allergy</i> , 2008, 38, 539-548.	2.9	11
413	Structural Basis for the High-Affinity Inhibition of Mammalian Membranous Adenylyl Cyclase by 2',3'-O-( <i>N</i> -Methylantraniloyl)-Inosine 5'-Triphosphate. <i>Molecular Pharmacology</i> , 2011, 80, 2.3 87-96.	2.3	11
414	Magnetic Nanobeads as Support for Zinc(II)-Cyclen Complexes: Selective and Reversible Extraction of Riboflavin. <i>ChemistryOpen</i> , 2012, 1, 125-129.	1.9	11

#	ARTICLE	IF	CITATIONS
415	Solvent-free coupling of aryl halides with pyrroles applying visible-light photocatalysis. <i>Reaction Chemistry and Engineering</i> , 2017, 2, 472-478.	3.7	11
416	Plasmon-enhanced light absorption at organic-coated interfaces: collectivity matters. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1413-1420.	5.5	11
417	Azologization of serotonin 5-HT <sub>3</sub> receptor antagonists. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 780-788.	2.2	11
418	Visible-Light-Driven Thiol-Cyne Reaction: A Practical Synthesis of (1,2-diarylvinyloxy)(aryl/alkyl)sulfides. <i>ChemPhotoChem</i> , 2020, 4, 291-293.	3.0	11
419	Optical analysis and separation of trivalent lanthanides in deep eutectic solvents. <i>Journal of Rare Earths</i> , 2020, 38, 784-792.	4.8	11
420	Towards Photochromic Azobenzene-Based Inhibitors for Tryptophan Synthase. <i>Chemistry - A European Journal</i> , 2021, 27, 2439-2451.	3.3	11
421	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.	4.6	11
422	Paramagnetic Redox Stages of a Bisphane: An ESR and ENDOR Study. <i>Helvetica Chimica Acta</i> , 1992, 75, 2307-2316.	1.6	10
423	Safe and Convenient Preparation of Azido-Methoxy Polyethyleneglycole on an Azide-Anion Exchange Resin. <i>Synthetic Communications</i> , 2003, 33, 3789-3794.	2.1	10
424	Synthesis of Medium-Size Macrocycles by Cinnamate [2 + 2] Photoaddition. <i>Liebigs Annalen</i> , 1996, 1996, 1231-1233.	0.8	10
425	Rapid Combinatorial Synthesis and Chromatography Based Screening of Phosphorescent Iridium Complexes for Solution Processing. <i>Advanced Functional Materials</i> , 2012, 22, 3406-3413.	14.9	10
426	Synthesis of natural-like acylphloroglucinols with anti-proliferative, anti-oxidative and tube-formation inhibitory activity. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 621-628.	5.5	10
427	Molecular Recognition. The principle and recent chemical examples. <i>Journal für Praktische Chemie, Chemiker-Zeitung</i> , 1995, 337, 339-346.	0.5	9
428	Charged cyclophanes with extended conjugation: the effect of the cyclophane hub on the charge distribution. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 2589-2595.	0.9	9
429	Synthesis and Properties of Me <sub>2</sub> Ge-Bridged Arenes. <i>Chemische Berichte</i> , 1997, 130, 421-424.	0.2	9
430	Highly Substituted Cyclams: Stereoselective Synthesis and Coordination Properties. <i>Chemische Berichte</i> , 1997, 130, 521-528.	0.2	9
431	Efficient Synthesis and Coupling Reactions of (2-Ethynyl-5,10,15,20-tetraphenylporphyrinato)zinc(II). <i>Synthesis</i> , 1998, 1998, 171-174.	2.3	9
432	Synthesis of a functionalized cyclohepten-one from erythronic acid-4-lactone. <i>Tetrahedron</i> , 2001, 57, 2345-2347.	1.9	9

#	ARTICLE	IF	CITATIONS
433	Synthesis and Structure of Bis-Urea Phenazines. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 937-945.	0.7	9
434	Aminomethyl bi- and terpyridines as luminescent probes for Zn <sup>2+</sup> ions. Mendeleev Communications, 2005, 15, 8-9.	1.6	9
435	Synthesis of chiral amino acids with metal ion chelating side chains from l-serine using Negishi cross-coupling reaction. Tetrahedron, 2006, 62, 1360-1364.	1.9	9
436	Preparation of luminescent chemosensors by post-functionalization of vesicle surfaces. Organic and Biomolecular Chemistry, 2015, 13, 1690-1699.	2.8	9
437	Fast colorimetric screening for visible light photocatalytic oxidation and reduction reactions. Reaction Chemistry and Engineering, 2016, 1, 494-500.	3.7	9
438	Subunit-Specific Photocontrol of Glycine Receptors by Azobenzene-Nitrazepam Photoswitcher. ENeuro, 2021, 8, ENEURO.0294-20.2020.	1.9	9
439	Tethered 2,2'-Bipyridine Ligands - Synthesis and Coordination Properties. Chemische Berichte, 1995, 128, 1141-1144.	0.2	8
440	Synthesis of DNA-binding heteroaromatic oligoamides on liquid solid support. Chemical Communications, 1998, , 605-606.	4.1	8
441	Synthesis and Metal-Ion Extraction Properties of para-tert-Butylcalixarene-glycine Ester Acetamides. European Journal of Inorganic Chemistry, 1999, 1999, 1557-1562.	2.0	8
442	Selective binding and reversible release of riboflavin by polymer-bound zinc(ii) azamacrocycles. Chemical Communications, 2001, , 2390.	4.1	8
443	Selective Recognition of Copper(II) by a Water-Soluble, Emitter-Receptor Conjugate Containing a Ruthenium Chromophore, a Lysine Bridge, and a Cyclen Unit. European Journal of Inorganic Chemistry, 2001, 2001, 1543-1549.	2.0	8
444	SYNTHESIS OF 1,4,7,10-TETRA-N-ALKYL-1,4,7,10-TETRAAZA-CYCLODODECANES. Synthetic Communications, 2002, 32, 3595-3602.	2.1	8
445	Synthesis and structure of cyclen hydroxylamine ligands and their zinc(ii) complexes. Dalton Transactions, 2003, , 141-145.	3.3	8
446	DNA Staining in Agarose Gels with Zn <sup>2+</sup> -Cyclen-Pyrene. Nucleosides, Nucleotides and Nucleic Acids, 2010, 29, 748-759.	1.1	8
447	NTS2-selective neurotensin mimetics with tetrahydrofuran amino acids. Bioorganic and Medicinal Chemistry, 2017, 25, 350-359.	3.0	8
448	Rapid Access to Bi- and Tri-functionalized Dibenzofurans and their Application in Selective Suzuki-Miyaura Cross Coupling Reactions. European Journal of Organic Chemistry, 2018, 2018, 5644-5656.	2.4	8
449	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
450	Cerium-photocatalyzed aerobic oxidation of benzylic alcohols to aldehydes and ketones. Beilstein Journal of Organic Chemistry, 2021, 17, 1727-1732.	2.2	8

#	ARTICLE	IF	CITATIONS
451	Heteroatom-Bridged Calixarenes. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 2303-2310.	2.0	8
452	Synthesis and Photophysical Properties of New 2,2'-Bipyridine-Bridged Bis[ruthenium(II)tris(2,2'-bipyridine)] Complexes. <i>Chemische Berichte</i> , 1997, 130, 529-534.	0.2	7
453	Regioselective Synthesis of Sugar Esters without Catalyst Using $\alpha$ -Hydroxycarboxylic Acids. <i>Synthetic Communications</i> , 1999, 29, 951-957.	2.1	7
454	Diastereoselective synthesis of 3-substituted acylamino-3,4-dihydro-1,2,4-triazinones. <i>Mendeleev Communications</i> , 2008, 18, 99-101.	1.6	7
455	Synthesis of new C <sup>+</sup> -tetrasubstituted $\alpha$ -amino acids. <i>Beilstein Journal of Organic Chemistry</i> , 2009, 5, 5.	2.2	7
456	A total synthesis of the epoxyquinone natural product cytosporin D. <i>Tetrahedron</i> , 2013, 69, 6034-6040.	1.9	7
457	Synthesis of Phenylbenzoxepinols Isolated from Butcher's Broom and Analogous Benzoxepines. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3170-3181.	2.4	7
458	Synthesis and electronic properties of $\beta$ -extended flavins. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10198-10204.	2.8	7
459	Immobilisation of water-oxidising amphiphilic ruthenium complexes on unmodified silica gel. <i>RSC Advances</i> , 2016, 6, 5739-5744.	3.6	7
460	Light-Switchable Antagonists for the Histamine H <sub>1</sub> Receptor at the Isolated Guinea Pig Ileum. <i>ChemMedChem</i> , 2019, 14, 636-644.	3.2	7
461	Katalytische Erzeugung von Carbanionen durch Carbonyl-Umpolung. <i>Angewandte Chemie</i> , 2021, 133, 21792-21802.	2.0	7
462	Defluorodearomatization: A Photocatalytic Birch-Like Reduction That Enables C-C Bond Formation and Provides Access to Unnatural Cannabinoids. <i>Journal of Organic Chemistry</i> , 2021, 86, 7928-7945.	3.2	7
463	Photocatalytic synthesis of tetra-substituted furans promoted by carbon dioxide. <i>Chemical Science</i> , 2021, 13, 241-246.	7.4	7
464	Zirconocene Complexes of [2.2]Paracyclophanes with Formal Triple Bonds in the Bridges. <i>Synlett</i> , 1994, 1994, 653-654.	1.8	6
465	Copper(I) complexes of mono- and bis-ferrocenyl-vinyl 2,2'-bipyridine-ligands: Synthesis and electrochemical properties. <i>Journal für Praktische Chemie, Chemiker-Zeitung</i> , 1996, 338, 549-552.	0.5	6
466	Calixarene Carbamates. <i>Liebigs Annalen</i> , 1997, 1997, 2315-2320.	0.8	6
467	Synthesis of an FmocN-Methyl 1H-Pyrrole Amino Acid Pentafluoro-Phenol Ester. <i>Synthetic Communications</i> , 1999, 29, 943-949.	2.1	6
468	Synthesis of [2.2]paracyclophane annelated cyclopropanes. <i>Tetrahedron</i> , 1999, 55, 10893-10898.	1.9	6

#	ARTICLE	IF	CITATIONS
469	Semimagnetic (Cd,Mn)Te single quantum dots – technological access and optical spectroscopy. <i>Journal of Crystal Growth</i> , 2000, 214-215, 150-153.	1.5	6
470	NOP – Ein neues organischchemisches Grundpraktikum: Nachhaltigkeit per Internet. <i>Chemie in Unserer Zeit</i> , 2004, 38, 258-266.	0.1	6
471	Luminescent pyrimidine hydrazide oligomers with peptide affinity. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 6075-6084.	3.0	6
472	Synthesis of calix[4]arene – cyclen conjugates. <i>Tetrahedron</i> , 2006, 62, 5748-5755.	1.9	6
473	Synthesis of Substituted Pyrimidine Hydrazine Acids (PHA) and Their Use in Peptide Recognition. <i>Heterocycles</i> , 2006, 67, 135.	0.7	6
474	Synthesis of rigidified flavin – guanidinium ion conjugates and investigation of their photocatalytic properties. <i>Beilstein Journal of Organic Chemistry</i> , 2009, 5, 26.	2.2	6
475	Heterogeneous transition metal – based fluorescence polarization (HTFP) assay for probing protein interactions. <i>BioTechniques</i> , 2009, 47, 837-844.	1.8	6
476	Binding of phosphorylated peptides and inhibition of their interaction with disease – relevant human proteins by synthetic metal – chelate receptors. <i>Journal of Molecular Recognition</i> , 2010, 23, 329-334.	2.1	6
477	Ultrathin Polydiacetylene-Based Synergetic Composites with Plasmon-Enhanced Photoelectric Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 43838-43845.	8.0	6
478	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.	2.2	6
479	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.	2.4	6
480	3. Flavin photocatalysis. , 2020, , 45-72.		6
481	Synthesis of anti-Markovnikov Alcohols via Epoxidation and Hydrogenation of Styrenes using Photocatalytically Generated Redox Equivalents. <i>ChemPhotoChem</i> , 2021, 5, 362-368.	3.0	6
482	4 Flavin photocatalysis. , 2013, , 45-66.		5
483	Terbium(iii)-cholate functionalized vesicles as luminescent indicators for the enzymatic conversion of dihydroxynaphthalene diesters. <i>Chemical Communications</i> , 2014, 50, 7852-7854.	4.1	5
484	Synthetic approaches to artificial photosynthesis: general discussion. <i>Faraday Discussions</i> , 2019, 215, 242-281.	3.2	5
485	Durch sichtbares Licht vermittelte Synthese von – Chlorketonen aus Arylcyclopropanen. <i>Angewandte Chemie</i> , 2019, 131, 8665-8669.	2.0	5
486	Azamacrocyclic Systems with Different Supramolecular Functions. , 2005, , 87-103.		5

#	ARTICLE	IF	CITATIONS
487	Triphenylphosphine-Catalyzed Isomerisation of Propargyl Bromide to 1-Bromopropadiene. <i>Synthetic Communications</i> , 1997, 27, 1685-1688.	2.1	4
488	Homogene Metallkatalyse - effektiv, aber auch effizient?. <i>Chemie in Unserer Zeit</i> , 1998, 32, 136-142.	0.1	4
489	Concave carrier molecules: selective transport of copper(II) and lead(II) nitrates through supported liquid membranes. <i>Journal für Praktische Chemie</i> , 1999, 341, 218-221.	0.2	4
490	SYNTHESIS OF A FUNCTIONALIZED DIENE-DIYNE FROM BUTADIENE-BIS-EPOXIDE. <i>Synthetic Communications</i> , 2001, 31, 3135-3139.	2.1	4
491	Synthesis and peptide-binding properties of a luminescent pyrimidine zinc(II) complex. <i>Tetrahedron</i> , 2006, 62, 12191-12196.	1.9	4
492	Copper-Mediated 3-N-Arylation of Flavins. <i>Synthesis</i> , 2008, 2008, 1767-1774.	2.3	4
493	2-Oxoethyl Flavin Revisited. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2008, 63, 47-54.	0.7	4
494	Synthesis and Pharmacological Properties of New Tetracyclic Forskolin Analogues. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3613-3618.	2.4	4
495	Nitrosonium-Mediated Phenol-Arene Cross-Coupling Involving Direct C-H Activation. <i>Australian Journal of Chemistry</i> , 2017, 70, 407.	0.9	4
496	Enhanced C2 and C3 Product Selectivity in Electrochemical CO2 Reduction on Carbon-Doped Copper Oxide Catalysts Prepared by Deep Eutectic Solvent Calcination. <i>Catalysts</i> , 2021, 11, 542.	3.5	4
497	Cesium Carbonate Catalyzed Oxa-Michael Addition of Oximes to Acrylonitrile. <i>ChemistrySelect</i> , 2021, 6, 4107-4111.	1.5	4
498	100 Jahre "Schlossel-Prinzip". <i>Nachrichten Aus Der Chemie</i> , 1994, 42, 1008-1010.	0.0	3
499	Synthesis of Mono Protected 1,10-Diaza-18-Crown-6. <i>Synthetic Communications</i> , 2004, 34, 3573-3578.	2.1	3
500	SMALL PEPTIDES WITH A $\beta^2$ -HAIRPIN STRUCTURE. <i>Organic Preparations and Procedures International</i> , 2005, 37, 307-336.	1.3	3
501	Recognition of the Helix-Loop-Helix domain of the Id proteins by an artificial luminescent metal complex receptor. <i>Journal of Molecular Recognition</i> , 2008, 21, 79-88.	2.1	3
502	Hydrogen-Bond-Guided Self-Assembly of Nucleotides on a Receptor Array Surface. <i>Chemistry - A European Journal</i> , 2010, 16, 10560-10568.	3.3	3
503	Synthesis of New Water-Soluble Cholesterol Derivatives. <i>Synthetic Communications</i> , 2011, 41, 2876-2887.	2.1	3
504	Synthesis and Photoisomerization of Diarylcyclobutenes. <i>Synthesis</i> , 2011, 2011, 905-908.	2.3	3



#	ARTICLE	IF	CITATIONS
505	Condensation and Dehydration Reactions of L-Sorbose in Ecofriendly Melt Systems. Synthetic Communications, 2013, 43, 2452-2456.	2.1	3
506	Photocatalytic disassembly of tertiary amine-based dendrimers to monomers and their application to the "catch and release"™ of a dye in aqueous solution. New Journal of Chemistry, 2014, 38, 3358-3361.	2.8	3
507	Relapse Rates and Risk Factors of Bipolar Disorder: Conclusions of a Naturalistic 4 Year Follow-up Study. European Psychiatry, 2015, 30, 181.	0.2	3
508	A triphenylphosphine mediated photo-rearrangement and methanol addition of aryl chalcones to 1-propanones. Photochemical and Photobiological Sciences, 2015, 14, 948-952.	2.9	3
509	Enantioselective ester hydrolysis by an achiral catalyst co-embedded with chiral amphiphiles into a vesicle membrane. RSC Advances, 2016, 6, 44456-44458.	3.6	3
510	Pyrolysis of Deep Eutectic Solvents for the Preparation of Supported Copper Electrocatalysts. ChemistrySelect, 2020, 5, 11714-11720.	1.5	3
511	Visible-Light-Promoted Metal-Free Synthesis of (Hetero)Aromatic Nitriles from C(sp <sup>3</sup> )-H Bonds**. Angewandte Chemie, 2021, 133, 2469-2475.	2.0	3
512	Antiproliferative and erythroid differentiation of piperazine and triphenyl derivatives against k-562 human chronic myelogenous leukemia. Anticancer Research, 2013, 33, 3027-32.	1.1	3
513	HETEROGENEOUS CATALYZED REDUCTION OF POLYMER-BOUND NITROARENES. Synthetic Communications, 2002, 32, 1181-1187.	2.1	2
514	pH controlled emission of ruthenium(II)-tris-bipyridine complexes. Inorganica Chimica Acta, 2002, 336, 1-7.	2.4	2
515	Web Site: A Database Query Need Not Be Expensive. Angewandte Chemie - International Edition, 2003, 42, 3455-3455.	13.8	2
516	Synthesis of Aryl-Substituted 1,3-Butadiones. Synthetic Communications, 2003, 33, 967-976.	2.1	2
517	Synthesis of an Amino Acid with Protected Cyclen Side Chain Functionality. Synthetic Communications, 2004, 34, 2077-2084.	2.1	2
518	Enhancing the separation of phosphorylated proteins in gel electrophoresis with dinuclear bispyridylmethylamine-tyrosine-acrylamide complexes. Inorganica Chimica Acta, 2009, 362, 537-542.	2.4	2
519	Aza-27-crown-9 Amino Acid. MolBank, 2010, 2010, M660.	0.5	2
520	Synthesis and binding properties of guanidinium biscarboxylates. Monatshefte für Chemie, 2011, 142, 1289-1308.	1.8	2
521	Synthesis and characterization of DMAP-modified NPY Y1 receptor antagonists as acyl-transfer catalysts. Collection of Czechoslovak Chemical Communications, 2011, 76, 763-780.	1.0	2
522	A binary catalytic system based on mixed monolayers of a phospholipid and amphiphilic bis(Zn <sup>2+</sup> -cyclen). Colloid Journal, 2014, 76, 153-160.	1.3	2

#	ARTICLE	IF	CITATIONS
523	Thermally induced molecular imprinting of luminescent vesicles. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 81, 135-139.	1.6	2
524	Rücktitelbild: Farbselektive Photokatalyse: kontrollierte Bindungsaktivierung durch Redoxpotentialregulation über die Anregungslichtfarbe ( <i>Angew. Chem.</i> 27/2016). <i>Angewandte Chemie</i> , 2016, 128, 7994-7994.	2.0	2
525	Prevalence, clonality, and pathogenicity of <i>Staphylococcus epidermidis</i> isolates in newborn feces. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2017, 36, 1955-1964.	2.9	2
526	MRSA decolonization of human skin via photodynamic treatment. <i>British Journal of Dermatology</i> , 2018, 179, e242-e242.	1.5	2
527	<i>In My Element</i>: Magnesium. <i>Chemistry - A European Journal</i> , 2019, 25, 8176-8176.	3.3	2
528	Synthesis and Structure of New Macrocyclic Bisindolylmaleimides. <i>Collection of Czechoslovak Chemical Communications</i> , 2003, 68, 899-906.	1.0	2
529	Single Electron Transfer-Induced Selective $\alpha$ -Oxygenation of Glycine Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 405-412.	4.3	2
530	1,2:4,5-Di-O-isopropylidene-galactitol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998, 54, 1471-1473.	0.4	1
531	Membrane Carrier Selectivities Identified by Competition Transport Experiments. <i>Journal of Chemical Research Synopses</i> , 1998, , 58-59.	0.3	1
532	Optical Spectroscopy on Buried CdTe/Cd(Mn,Mg)Te Single Quantum Dots. <i>Physica Status Solidi A</i> , 2000, 178, 359-363.	1.7	1
533	Synthesis and structure of bicyclic enediyne via twofold carbenoid ring closure. <i>New Journal of Chemistry</i> , 2001, 25, 912-916.	2.8	1
534	Synthesis and Catalytic Activity of Two New Cyclic Tetraaza Ligands. <i>Molecules</i> , 2003, 8, 453-458.	3.8	1
535	Synthesis, structure and luminescence of ruthenium complexes with 6-cyano-2,2'-bipyridines. <i>Mendeleev Communications</i> , 2005, 15, 6-8.	1.6	1
536	Synthesis and Structure of Chiral Methoxypyrrole Amino Acids (MOPAS). <i>Synthesis</i> , 2005, 2005, 2367-2372.	2.3	1
537	Functionalized N-Aryl-Substituted Cyclens by Nucleophilic Aromatic Substitution. <i>Synthetic Communications</i> , 2005, 35, 3003-3019.	2.1	1
538	Synthesis of 3-Oxo-2,3-dihydropyrrole Amino Acids as Chiral Dipeptidomimics. <i>Synthesis</i> , 2006, 2006, 2719-2724.	2.3	1
539	Synthesis of 6-Chloro-N,N,N',N'-tetrakis-pyridin-2-ylmethyl-[1,3,5]triazine-2,4-diamine. <i>MolBank</i> , 2007, 2007, M556.	0.5	1
540	Synthesis of (2R,3S)-((1R,2S,5R)-2-isopropyl-5-methylcyclohexyl) 2-(4-bromophenyl)-3-(tert-butoxy-carbonylamino)-tetrahydrofuran-3-carboxylate and (2S,3R)-((1R,2S,5R)-2-isopropyl-5-methylcyclohexyl)-2-(4-bromophenyl)-3-(tert-butoxy-carbonylamino)-tetrahydrofuran-3-carboxylate. <i>M594</i> .		

#	ARTICLE	IF	CITATIONS
541	Reversible Regulation of a Benzamidine-catalyzed Aldol Reaction by CO <sub>2</sub> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 1053-1056.	0.7	1
542	Luminescent Lariat Aza-Crown Ether Carboxylic Acid. MolBank, 2010, 2010, M663.	0.5	1
543	Organophotoredox Catalysis. Synfacts, 2010, 2010, 1419-1419.	0.0	1
544	Cover Picture: Metal-Free, Cooperative Asymmetric Organophotoredox Catalysis with Visible Light (Angew. Chem. Int. Ed. 4/2011). Angewandte Chemie - International Edition, 2011, 50, 779-779.	13.8	1
545	New GABA amides activating GABAA-receptors. Beilstein Journal of Organic Chemistry, 2013, 9, 406-410.	2.2	1
546	Dye-Labelled C <sup>13</sup> -Tetrasubstituted <sup>13</sup> C-Amino Acids. Helvetica Chimica Acta, 2014, 97, 1061-1075.	1.6	1
547	Antibiotic susceptibility profiles of group B streptococci (GBS) isolates from pregnant mothers in a tertiary institution in Nigeria. International Journal of Infectious Diseases, 2014, 21, 348.	3.3	1
548	Front Cover Picture: Photocatalytic Oxidative Iodination of Electron-Rich Arenes (Adv. Synth. Catal.)	4.5	1
549	{Bis[2-(diphenylphosphanyl)phenyl] ether- <sup>2</sup> P, <sup>2</sup> P}(1,1-dibenzyl-1H,1H,4,4-bi-1,2,3-triazole- <sup>2</sup> N <sub>3</sub> ,N <sub>3</sub> )copper(I) hexafluoridophosphate dichloromethane hemisolvate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m195-m195.	0.2	1
550	Unraveling the Thermal Isomerization Mechanisms of Heteroaryl Azoswitches: Phenylazoindoles as Case Study. SSRN Electronic Journal, 0, , .	0.4	1
551	Intermolecular Photocatalytic Chemo-, Stereo- and Regioselective Thiol-ene Coupling Reaction. Angewandte Chemie, 0, , .	2.0	1
552	Synthesis of 5-unsubstituted dihydropyrimidinone-4-carboxylates from deep eutectic mixtures. Beilstein Journal of Organic Chemistry, 2022, 18, 331-336.	2.2	1
553	Organometallische Verbindungen in der Organischen Synthese. Nachrichten Aus Der Chemie, 1995, 43, 1183-1185.	0.0	0
554	Crystal structure of 1,6-bis-(2-bromo)-pyridine-hexane, C <sub>16</sub> H <sub>18</sub> Br <sub>2</sub> N <sub>2</sub> . Zeitschrift Fur Kristallographie - Crystalline Materials, 1995, 210, 782-782.	0.8	0
555	Molekulare Erkennung und Wirkstoff-Rezeptor-Wechselwirkung. Nachrichten Aus Der Chemie, 1996, 44, 1177-1178.	0.0	0
556	Crystal structure of 9,10-bis(trimethylsiloxy)anthracene, C <sub>20</sub> H <sub>26</sub> O <sub>2</sub> Si <sub>2</sub> . Zeitschrift Fur Kristallographie - Crystalline Materials, 1997, 212, 144-144.	0.8	0
557	Mechanismen organischer Reaktionen: Reaktionsmechanismen. Organische Reaktionen, Stereochemie, moderne Synthesemethoden. Von R. Brückner. Spektrum, Heidelberg, 1996, 570 S., 68 DM. ISBN 3-86025hyphen;363hyphen;8. Nachrichten Aus Der Chemie, 1997, 45, 1216-1217.	0.0	0
558	Crystal structure of 2-(2,5-dimethyl-pyrrol-1-yl)-phenylaminehemihydrate, C <sub>12</sub> H <sub>14</sub> N <sub>2</sub> · 0.5 H <sub>2</sub> O. Zeitschrift Fur Kristallographie - Crystalline Materials, 1997, 212, 143-143.	0.8	0

#	ARTICLE	IF	CITATIONS
559	Wissenschaft Aktuell. Chemie in Unserer Zeit, 1998, 32, 220-224.	0.1	0
560	3,3'-[Ethane-1,2-diylbis(aminomethylene)]bis(pentane-2,4-dione) and the Nickel(II) Complex of a Condensation Product. Acta Crystallographica Section C: Crystal Structure Communications, 1998, 54, 1468-1471.	0.4	0
561	Neues aus der Aromatenchemie. Nachrichten Aus Der Chemie, 1998, 46, 1062-1066.	0.0	0
562	4-Hydroxy-methylen-4'-methyl-2,2'-bipyridine. Molecules, 2001, 6, M205.	3.8	0
563	Synthesis of 1,4,7,10-Tetra-N-alkyl-1,4,7,10-tetraaza-cyclododecanes.. ChemInform, 2003, 34, no.	0.0	0
564	Synthesis of Aryl-Substituted 1,3-Butadiones.. ChemInform, 2003, 34, no.	0.0	0
565	Synthesis and Structure of New Macrocyclic Bisindolylmaleimides.. ChemInform, 2003, 34, no.	0.0	0
566	Synthesis of Novel Nitrogen-Containing Ligands for the Enantioselective Addition of Diethylzinc to Aldehydes.. ChemInform, 2003, 34, no.	0.0	0
567	6-(N-Benzylmethoxycarbonyl-asparagyl-O-benzylester)-amido-6-deoxy-b-cyclodextrine. MolBank, 2003, 2003, M347.	0.5	0
568	6-[5-(9H-Fluoren-9-ylmethoxycarbonylamino)-isophthalate]-amido-6-deoxy-b-cyclodextrine. MolBank, 2003, 2003, M348.	0.5	0
569	Tetrahydroxy 10-Membered Cyclic Eneidyne.. ChemInform, 2004, 35, no.	0.0	0
570	Mol4D-Molecules in the Fourth Dimension. Angewandte Chemie - International Edition, 2004, 43, 6582-6582.	13.8	0
571	Heteroaromatic Oligoamides with dDNA Affinity. ChemInform, 2004, 35, no.	0.0	0
572	Chiral Tetraaza Ligands in Asymmetric Catalysis: Recent Progress. ChemInform, 2004, 35, no.	0.0	0
573	Chemistry in Motion—Unidirectional Rotating Molecular Motors. ChemInform, 2004, 35, no.	0.0	0
574	Electronic Effects on the Bergman Cyclization of Eneidyne. ChemInform, 2004, 35, no.	0.0	0
575	Synthesis of Mono Protected 1,10-Diaza-18-crown-6.. ChemInform, 2005, 36, no.	0.0	0
576	Low-Melting Sugar—Urea—Salt Mixtures as Solvents for Diels—Alder Reactions.. ChemInform, 2005, 36, no.	0.0	0



#	ARTICLE	IF	CITATIONS
595	A Green Chemistry Lab Course. NATO Science for Peace and Security Series C: Environmental Security, 2009, , 295-302.	0.2	0
596	Crystal structure of 1,6-bis(para-methoxy-benzene)-trans-hex-1,5-diyne-3-ene, C <sub>20</sub> H <sub>16</sub> O <sub>2</sub> . Zeitschrift Fur Kristallographie - Crystalline Materials, 1995, 210, 783-784.	0.8	0
597	Crystal structure of 3,3'-bis-allyloxy-6,6'-dimethyl-2,2'-bipyridine, C <sub>18</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub> . Zeitschrift Fur Kristallographie - Crystalline Materials, 1996, 211, 741-742.	0.8	0
598	Crystal structure of 6-[6-(6-amino-pyridine-2-yl)-hexyl]pyridine-2-ylamine, C <sub>16</sub> H <sub>22</sub> N <sub>4</sub> . Zeitschrift Fur Kristallographie - Crystalline Materials, 1997, 212, 142-142.	0.8	0
599	Crystal structure of N-(2-benzoyl-5-ethynylphenyl)quinoline-2-carboxamide. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 602-605.	0.5	0
600	Crystal structures of three N-(3-acetylphenyl)quinoline-2-carboxamides. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 804-808.	0.5	0
601	Impact of visible-light photoredox catalysis on traditional synthetic protocols. Photochemistry, 2019, , 326-343.	0.2	0
602	The Photocatalyzed Aza-Henry Reaction of N-Aryltetrahydroisoquinolines: Comprehensive Mechanism, H- versus H-Abstraction, and Background Reactions. Journal of the American Chemical Society, 2016, , .	13.7	0