

Maurizio Fagnoni

List of Publications by Year in descending order

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231
papers

14,183
citations

28242

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26591

107
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277
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277
docs citations

277
times ranked

8841
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalysis. A multi-faceted concept for green chemistry. <i>Chemical Society Reviews</i> , 2009, 38, 1999.	18.7	920
2	Carbon–Carbon Bond Forming Reactions via Photogenerated Intermediates. <i>Chemical Reviews</i> , 2016, 116, 9850-9913.	23.0	867
3	Photoorganocatalysis. What for?. <i>Chemical Society Reviews</i> , 2013, 42, 97-113.	18.7	790
4	Photocatalysis for the Formation of the C–C Bond. <i>Chemical Reviews</i> , 2007, 107, 2725-2756.	23.0	746
5	Direct Photocatalyzed Hydrogen Atom Transfer (HAT) for Aliphatic C–H Bonds Elaboration. <i>Chemical Reviews</i> , 2022, 122, 1875-1924.	23.0	442
6	Asymmetric catalytic formation of quaternary carbons by iminium ion trapping of radicals. <i>Nature</i> , 2016, 532, 218-222.	13.7	345
7	Site-Selective C–H Functionalization by Decatungstate Anion Photocatalysis: Synergistic Control by Polar and Steric Effects Expands the Reaction Scope. <i>ACS Catalysis</i> , 2018, 8, 701-713.	5.5	313
8	C(sp ³)–H functionalizations of light hydrocarbons using decatungstate photocatalysis in flow. <i>Science</i> , 2020, 369, 92-96.	6.0	263
9	Green chemistry and photochemistry were born at the same time. <i>Green Chemistry</i> , 2004, 6, 1.	4.6	253
10	Decatungstate Anion for Photocatalyzed “Window Ledge” Reactions. <i>Accounts of Chemical Research</i> , 2016, 49, 2232-2242.	7.6	244
11	Generation of Alkyl Radicals: From the Tyranny of Tin to the Photon Democracy. <i>Chemical Reviews</i> , 2020, 120, 9790-9833.	23.0	241
12	Dyes as Visible Light Photoredox Organocatalysts. <i>ChemCatChem</i> , 2012, 4, 169-171.	1.8	227
13	Acylation of Electrophilic Olefins through Decatungstate-Photocatalyzed Activation of Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2531-2534.	7.2	180
14	Selective C(sp ³)–H Aerobic Oxidation Enabled by Decatungstate Photocatalysis in Flow. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4078-4082.	7.2	179
15	Atom-Economical Synthesis of Unsymmetrical Ketones through Photocatalyzed C–H Activation of Alkanes and Coupling with CO and Electrophilic Alkenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1869-1872.	7.2	151
16	Photogenerated acyl/alkoxycarbonyl/carbamoyl radicals for sustainable synthesis. <i>Green Chemistry</i> , 2019, 21, 748-764.	4.6	142
17	Photocatalytic C–H Activation by Hydrogen-Atom Transfer in Synthesis. <i>ChemCatChem</i> , 2015, 7, 1516-1523.	1.8	140
18	Photosensitized Oxidation of Sulfides: Discriminating between the Singlet-Oxygen Mechanism and Electron Transfer Involving Superoxide Anion or Molecular Oxygen. <i>Chemistry - A European Journal</i> , 2006, 12, 4844-4857.	1.7	139

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19	The sunny side of chemistry: green synthesis by solar light. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 1499-1516.	1.6	138
20	Efficient C-H/N and C-H/CO-N Conversion via Decatungstate-Photoinduced Alkylation of Diisopropyl Azodicarboxylate. <i>Organic Letters</i> , 2013, 15, 2554-2557.	2.4	137
21	Arylation Reactions: The Photo-SN1 Path via Phenyl Cation as an Alternative to Metal Catalysis. <i>Accounts of Chemical Research</i> , 2005, 38, 713-721.	7.6	134
22	Sunlight photocatalyzed regioselective α^2 -alkylation and acylation of cyclopentanones. <i>Chemical Science</i> , 2014, 5, 2893-2898.	3.7	129
23	Versatile cross-dehydrogenative coupling of heteroaromatics and hydrogen donors via decatungstate photocatalysis. <i>Chemical Communications</i> , 2017, 53, 2335-2338.	2.2	125
24	Unraveling the Key Features of the Reactive State of Decatungstate Anion in Hydrogen Atom Transfer (HAT) Photocatalysis. <i>ACS Catalysis</i> , 2016, 6, 7174-7182.	5.5	124
25	Multiwalled Carbon Nanotube Chemically Modified Gold Electrode for Inorganic As Speciation and Bi(III) Determination. <i>Analytical Chemistry</i> , 2006, 78, 4194-4199.	3.2	123
26	Solar light-driven photocatalyzed alkylations. <i>Chemistry on the window ledge. Chemical Communications</i> , 2009, , 7351.	2.2	123
27	The Aromatic Carbon-Carbon Substitution Reaction. <i>Chemistry - A European Journal</i> , 2010, 16, 13572-13589.	1.7	123
28	Acyl Radicals from Acylsilanes: Photoredox-Catalyzed Synthesis of Unsymmetrical Ketones. <i>ACS Catalysis</i> , 2018, 8, 304-309.	5.5	97
29	Photo-Cross-Coupling Reaction of Electron-Rich Aryl Chlorides and Aryl Esters with Alkynes: A Metal-Free Alkynylation. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5675-5678.	7.2	96
30	Tetrabutylammonium Decatungstate-Photosensitized Alkylation of Electrophilic Alkenes: Convenient Functionalization of Aliphatic C-H Bonds. <i>Chemistry - A European Journal</i> , 2006, 12, 4153-4163.	1.7	93
31	Tuning the Thermal Isomerization of Phenylazoindole Photoswitches from Days to Nanoseconds. <i>Journal of the American Chemical Society</i> , 2018, 140, 2940-2946.	6.6	92
32	Visible Light Uranyl Photocatalysis: Direct C-H to C-C Bond Conversion. <i>ACS Catalysis</i> , 2019, 9, 3054-3058.	5.5	84
33	(Sensitized) Photolysis of Diazonium Salts as a Mild General Method for the Generation of Aryl Cations. Chemoselectivity of the Singlet and Triplet 4-Substituted Phenyl Cations. <i>Journal of Organic Chemistry</i> , 2005, 70, 603-610.	1.7	82
34	Metal-Free Synthesis of Sterically Crowded Biphenyls by Direct C-H Substitution in Alkyl Benzenes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6495-6498.	7.2	81
35	Decatungstate-Photocatalyzed Si-H/C-H Activation in Silyl Hydrides: Hydrosilylation of Electron-Poor Alkenes. <i>ChemCatChem</i> , 2015, 7, 3350-3357.	1.8	80
36	Wavelength Selective Generation of Aryl Radicals and Aryl Cations for Metal-Free Photoarylations. <i>Journal of Organic Chemistry</i> , 2016, 81, 9612-9619.	1.7	76

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37	Photoinduced, Ionic Meerwein Arylation of Olefins. <i>Journal of Organic Chemistry</i> , 2001, 66, 6344-6352.	1.7	74
38	Benzoyl radicals from (hetero)aromatic aldehydes. Decatungstate photocatalyzed synthesis of substituted aromatic ketones. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4158.	1.5	72
39	Generation and Reactivity of the 4-Aminophenyl Cation by Photolysis of 4-Chloroaniline. <i>Journal of Organic Chemistry</i> , 2001, 66, 6353-6363.	1.7	70
40	Homolytic vs Heterolytic Paths in the Photochemistry of Haloanilines. <i>Journal of the American Chemical Society</i> , 2003, 125, 13182-13190.	6.6	70
41	(Hetero)aromatics from dienyne, enediyne and enyne allenes. <i>Chemical Society Reviews</i> , 2016, 45, 4364-4390.	18.7	70
42	Environment-friendly organic synthesis. The photochemical approach. <i>Pure and Applied Chemistry</i> , 2000, 72, 1321-1326.	0.9	69
43	Photochemical technologies assessed: the case of rose oxide. <i>Green Chemistry</i> , 2011, 13, 1876.	4.6	69
44	Aryl Cations from Aromatic Halides. Photogeneration and Reactivity of 4-Hydroxy(methoxy)phenyl Cation. <i>Journal of Organic Chemistry</i> , 2004, 69, 3465-3473.	1.7	68
45	Metal-Free Cross-Coupling Reactions of Aryl Sulfonates and Phosphates through Photoheterolysis of Aryl-Oxygen Bonds. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1232-1236.	7.2	68
46	Decatungstate As Photoredox Catalyst: Benzylolation of Electron-Poor Olefins. <i>Organic Letters</i> , 2012, 14, 4218-4221.	2.4	67
47	Benzyl (Phenyl) α - and β -lactones via Photoinduced Tandem $\text{Ar}^{\bullet}\text{C}$, $\text{C}^{\bullet}\text{O}$ Bond Formation. <i>Journal of the American Chemical Society</i> , 2006, 128, 10670-10671.	6.6	65
48	Photomediated synthesis of β -alkylketones from cycloalkanes. <i>Tetrahedron</i> , 2006, 62, 5527-5535.	1.0	65
49	Decatungstate Photocatalyzed Acylations and Alkylations in Flow via Hydrogen Atom Transfer. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3687-3695.	2.1	65
50	Tetrabutylammonium Decatungstate (Chemo)selective Photocatalyzed, Radical $\text{C}\alpha\text{-H}$ Functionalization in Amides. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2209-2214.	2.1	64
51	Polyoxotungstate Photoinduced Alkylation of Electrophilic Alkenes by Cycloalkanes. <i>Chemistry - A European Journal</i> , 2004, 10, 142-148.	1.7	63
52	Smooth Photocatalyzed Benzylolation of Electrophilic Olefins via Decarboxylation of Arylacetic Acids. <i>Journal of Organic Chemistry</i> , 2016, 81, 7102-7109.	1.7	63
53	Synthesis of monoprotected 1,4-diketones by photoinduced alkylation of enones with 2-substituted-1,3-dioxolanes. <i>Tetrahedron</i> , 2001, 57, 10319-10328.	1.0	61
54	Smooth Photocatalytic Preparation of α -Substituted 1,3-Benzodioxoles. <i>Chemistry - A European Journal</i> , 2011, 17, 572-579.	1.7	60

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55	Synthesis of β -lactols, β -lactones and 1,4-monoprotected succinaldehydes under moderately concentrated sunlight. <i>Green Chemistry</i> , 2009, 11, 1653.	4.6	59
56	Photochemical Synthesis of 4-Oxobutanal Acetals and of 2-Hydroxycyclobutanone Ketals. <i>Journal of Organic Chemistry</i> , 1999, 64, 5024-5028.	1.7	58
57	Assessing photochemistry as a green synthetic method. Carbon-carbon bond forming reactions. <i>Green Chemistry</i> , 2009, 11, 239-249.	4.6	58
58	Biaryl Formation Involving Carbon-Based Leaving Groups: Why Not?. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 10022-10025.	7.2	57
59	Wavelength dependence and wavelength selectivity in photochemical reactions. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 2094-2101.	1.6	56
60	Vinylpyridines as Building Blocks for the Photocatalyzed Synthesis of Alkylpyridines. <i>Chemistry - A European Journal</i> , 2017, 23, 6527-6530.	1.7	55
61	A Tin-Free, Radical Photocatalyzed Addition to Vinyl Sulfones. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3295-3300.	2.1	54
62	Phosphate esters as tunable reagents in organic synthesis. <i>Chemical Communications</i> , 2008, , 3611.	2.2	53
63	Geometry and Energy of Substituted Phenyl Cations. <i>Journal of Organic Chemistry</i> , 2008, 73, 206-211.	1.7	53
64	Photocatalyzed Site-Selective C-H to C-C Conversion of Aliphatic Nitriles. <i>Organic Letters</i> , 2015, 17, 1292-1295.	2.4	53
65	Eco-friendly hydrodehalogenation of electron-rich aryl chlorides and fluorides by photochemical reaction. <i>Green Chemistry</i> , 2009, 11, 942.	4.6	52
66	Hammett Correlations in the Photosensitized Oxidation of 4-Substituted Thioanisoles. <i>Journal of Organic Chemistry</i> , 2004, 69, 928-935.	1.7	51
67	Photocatalyst-free, Visible Light Driven, Gold Promoted Suzuki Synthesis of (Hetero)biaryls. <i>ChemCatChem</i> , 2017, 9, 4456-4459.	1.8	51
68	A Novel β -Arylation of Ketones, Aldehydes, and Esters via a Photoinduced SN1 Reaction through 4-Aminophenyl Cations. <i>Journal of Organic Chemistry</i> , 2003, 68, 4886-4893.	1.7	50
69	Visible Light Promoted Metal- and Photocatalyst-Free Synthesis of Allylarenes. <i>Journal of Organic Chemistry</i> , 2017, 82, 10687-10692.	1.7	50
70	Cationic arylation through photo(sensitized) decomposition of diazonium salts. Chemoselectivity of triplet phenyl cations. <i>Chemical Communications</i> , 2003, , 216-217.	2.2	49
71	A Visible-Light-Driven, Metal-Free Route to Aromatic Amides via Radical Arylation of Isonitriles. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3826-3830.	2.1	49
72	Smooth Synthesis of Aryl- and Alkylanilines by Photoheterolysis of Haloanilines in the Presence of Aromatics and Alkenes. <i>Organic Letters</i> , 1999, 1, 1299-1301.	2.4	47

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73	Titanium dioxide photocatalysis of adamantane. <i>Tetrahedron</i> , 2003, 59, 6409-6414.	1.0	47
74	Hydrogen bonding properties of DMSO in ground-state formation and optical spectra of 3-hydroxyflavone anion. <i>Chemical Physics Letters</i> , 2008, 467, 88-93.	1.2	47
75	Intramolecular Electron Transfer in the Photochemistry of Some Nitrophenyldihydropyridines. <i>Journal of Organic Chemistry</i> , 2006, 71, 2037-2045.	1.7	46
76	Photochemistry in synthesis: Where, when, and why. <i>Pure and Applied Chemistry</i> , 2007, 79, 1929-1938.	0.9	45
77	Revealing Phenylum, Phenonium, Vinylphenonium, and Benzenium Ions in Solution. <i>Chemistry - A European Journal</i> , 2008, 14, 1029-1039.	1.7	45
78	Photocatalytic Synthesis of Oxetane Derivatives by Selective C-H Activation. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2781-2786.	2.1	45
79	Selective C(sp ³)-H Aerobic Oxidation Enabled by Decatungstate Photocatalysis in Flow. <i>Angewandte Chemie</i> , 2018, 130, 4142-4146.	1.6	45
80	Easy Photochemical Preparation of 2-Dimethylaminophenylfurans, -Pyrroles and -Thiophenes. <i>Tetrahedron</i> , 2000, 56, 9383-9389.	1.0	44
81	Visible-Light-Driven Synthesis of Arylstannanes from Arylazo Sulfones. <i>Organic Letters</i> , 2019, 21, 5187-5191.	2.4	43
82	Decatungstate Photocatalyzed Benzoylation of Alkenes with Alkylaromatics. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2891-2899.	2.1	42
83	A Photochemical Route to 2-Substituted Benzo[<i>b</i>]furans. <i>Journal of Organic Chemistry</i> , 2012, 77, 6473-6479.	1.7	40
84	Visible Light Photocatalysis. A Green Choice?. <i>Current Organic Chemistry</i> , 2013, 17, 2366-2373.	0.9	40
85	Biocompatibility of functionalized boron phosphate (BPO ₄) nanoparticles for boron neutron capture therapy (BNCT) application. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 589-597.	1.7	40
86	Visible Light-Promoted Formation of C-B and C-S Bonds under Metal- and Photocatalyst-Free Conditions. <i>Synthesis</i> , 2019, 51, 1243-1252.	1.2	40
87	A Meta Effect in Organic Photochemistry? The Case of S _N 1 Reactions in Methoxyphenyl Derivatives. <i>Journal of the American Chemical Society</i> , 2007, 129, 5605-5611.	6.6	38
88	Hydrocarbon Activation. Synthesis of β^2 -Cycloalkyl (Di)nitriles through Photosensitized Conjugate Radical Addition. <i>Journal of Organic Chemistry</i> , 2001, 66, 7320-7327.	1.7	37
89	A convenient route to 1,4-monoprotected dialdehydes, 1,4-ketoaldehydes, β^3 -lactols and β^3 -lactones through radical alkylation of α,β -unsaturated aldehydes in organic and organic-aqueous media. <i>Tetrahedron</i> , 2003, 59, 947-957.	1.0	37
90	Phenonium Ions from the Addition of Phenyl Cations to Alkenes. Photochemical Synthesis of (Rearranged) Aminoalkylanilines from Haloanilines in the Presence of Alkenes and Amines. <i>Journal of Organic Chemistry</i> , 2003, 68, 1067-1074.	1.7	37

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91	Convenient synthesis of electron-donating substituted benzonitriles by photolysis of phenyl halides and esters. <i>Chemical Communications</i> , 2006, , 3001.	2.2	37
92	Water-Miscible Liquid Multiwalled Carbon Nanotubes. <i>Advanced Materials</i> , 2009, 21, 1761-1765.	11.1	37
93	Cooperative Polar/Steric Strategy in Achieving Site-Selective Photocatalyzed C(sp ³) ^α H Functionalization. <i>Chemistry - A European Journal</i> , 2017, 23, 8615-8618.	1.7	37
94	Selectivity in the Reaction of Triplet Phenyl Cations. <i>Journal of Organic Chemistry</i> , 2010, 75, 315-323.	1.7	35
95	Regio- and Stereoselectivity in the Decatungstate Photocatalyzed Alkylation of Alkenes by Alkylcyclohexanes. <i>Chemistry - A European Journal</i> , 2009, 15, 7949-7957.	1.7	34
96	PEGylated carbon nanotubes: preparation, properties and applications. <i>RSC Advances</i> , 2013, 3, 13569.	1.7	34
97	Flow Synthesis of Substituted β -Lactones by Consecutive Photocatalytic/Reductive Reactions. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 753-758.	2.1	33
98	Sunlight-Driven Synthesis of Triarylethylenes (TAEs) via Metal-Free Mizoroki-Heck Type Coupling. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5297-5303.	1.2	33
99	Dyedauxiliary Groups, an Emerging Approach in Organic Chemistry. The Case of Arylazo Sulfones. <i>Journal of Organic Chemistry</i> , 2020, 85, 12813-12822.	1.7	33
100	Reaction of singlet oxygen with some benzylic sulfides. <i>Tetrahedron</i> , 2006, 62, 10716-10723.	1.0	32
101	The β Effect of Silicon in Phenyl Cations. <i>Journal of the American Chemical Society</i> , 2007, 129, 15919-15926.	6.6	32
102	Photosensitized Electron Transfer Oxidation of Sulfides: A Steady-State Study. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2612-2620.	1.2	32
103	Cationic and radical intermediates in the acid photorelease from aryl sulfonates and phosphates. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 123-127.	1.6	32
104	Pyrrolidinium-based Ionic Liquids: Aquatic Ecotoxicity, Biodegradability, and Algal Subinhibitory Stimulation. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 1860-1865.	3.2	32
105	Photosensitized oxidation of phenyl and tert-butyl sulfides. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 489.	1.6	31
106	Intramolecular Photoarylation of Alkenes by Phenyl Cations. <i>Chemistry - A European Journal</i> , 2006, 12, 3905-3915.	1.7	31
107	Predicting the UV spectrum of polyoxometalates by TD-DFT. <i>Journal of Computational Chemistry</i> , 2011, 32, 2983-2987.	1.5	31
108	Singlet/triplet phenyl cations and benzyne from the photodehalogenation of some silylated and stannylated phenyl halides. <i>Chemical Science</i> , 2012, 3, 1330.	3.7	31

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109	Photocatalyzed Site-Selective C(sp ³)â€“H Functionalization of Alkylpyridines at Non-Benzylic Positions. <i>Organic Letters</i> , 2017, 19, 6436-6439.	2.4	31
110	Photoinduced Electron Transfer Reactions in Heterocyclic Chemistry. <i>Heterocycles</i> , 2003, 60, 1921.	0.4	31
111	Diastereoselective photosensitised radical addition to fumaric acid derivatives bearing oxazolidine chiral auxiliaries. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 1891-1906.	1.8	30
112	Photoinduced Three-Component Reaction: A Convenient Access to 3-Arylacetals or 3-Arylketals. <i>Organic Letters</i> , 2009, 11, 349-352.	2.4	30
113	Transition-Metal-Free Arylations via Photogenerated Triplet 4-Alkyl- and 4-Trimethylsilylphenyl Cations. <i>Journal of Organic Chemistry</i> , 2013, 78, 6016-6024.	1.7	30
114	A Photochemical Route to Benzo[<i>a</i>]carbazoles <i>via</i> Domino Elimination/Electrocyclization of 2- <i>Aryl</i> -1-(<i>tosylalkyl</i>)indoles. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 643-646.	2.1	30
115	Site-selectivity in TBADT-photocatalyzed C(sp ³)â€“H Functionalization of Saturated Alcohols and Alkanes. <i>Chemistry Letters</i> , 2018, 47, 207-209.	0.7	30
116	Visible Lightâ€“Driven, Photocatalystâ€“Free Arbuzovâ€“Like Reaction via Arylazo Sulfones. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5239-5244.	2.1	30
117	Unraveling the Thermal Isomerization Mechanisms of Heteroaryl Azoswitches: Phenylazoindoles as Case Study. <i>Journal of Physical Chemistry A</i> , 2019, 123, 1814-1823.	1.1	30
118	Metalâ€“Free Synthesis of Unsymmetrical Aryl Selenides and Tellurides via Visible Lightâ€“Driven Activation of Arylazo Sulfones. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 7358-7367.	1.2	30
119	Photoorganocatalysis in Organic Synthesis. <i>Catalytic Science Series</i> , 2019, , .	0.6	30
120	Aryl Cation and Carbene Intermediates in the Photodehalogenation of Chlorophenols. <i>Chemistry - A European Journal</i> , 2005, 11, 140-151.	1.7	29
121	Expeditious synthesis of bioactive allylphenol constituents of the genus Piper through a metal-free photoallylation procedure. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2868.	1.5	29
122	Bio-based crotonic acid from polyhydroxybutyrate: synthesis and photocatalyzed hydroacylation. <i>Green Chemistry</i> , 2021, 23, 3420-3427.	4.6	29
123	Photochemical Alkylation of Ketene Dithioacetals,S-Dioxides. An Example of Captodative Olefin Functionalization. <i>Journal of Organic Chemistry</i> , 2000, 65, 297-303.	1.7	28
124	Electronic and EPR spectra of the species involved in [W10O32]4â€“ photocatalysis. A relativistic DFT investigation. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2890.	1.3	28
125	<i>Solar</i> ylations via 4-Aminophenyl Cations. <i>Journal of Organic Chemistry</i> , 2010, 75, 1271-1276.	1.7	27
126	Photochemical Reaction of N,N-Dimethyl-4-chloroaniline with Dienes: New Synthetic Paths via a Phenyl Cation. <i>Chemistry - A European Journal</i> , 2003, 9, 1549-1555.	1.7	26

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127	Sunlight decatungstate photoinduced trifluoromethylations of (hetero)aromatics and electron-poor olefins. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1375-1380.	1.6	26
128	Photocatalytic oxidation of aliphatic and aromatic sulfides in the presence of silica adsorbed or zeolite-encapsulated 2,4,6-triphenyl(thia)pyrylium. <i>Applied Catalysis B: Environmental</i> , 2008, 79, 368-375.	10.8	25
129	Using Phenyl Cations as Probes for Establishing Electrophilicity~Nucleophilicity Relations. <i>Journal of Organic Chemistry</i> , 2008, 73, 1282-1289.	1.7	25
130	Photocatalytic One-Pot Synthesis of Homoallyl Ketones via a Norrish Type I Reaction of Cyclopentanones. <i>Journal of Organic Chemistry</i> , 2015, 80, 9365-9369.	1.7	25
131	A Photocatalytic Meerwein Approach to the Synthesis of Isochromanones and Isochromenones. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2147-2153.	1.2	25
132	Increasing the Antibacterial Effect of Lysozyme by Immobilization on Multi-Walled Carbon Nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 3100-3106.	0.9	24
133	Î±, <i>n</i>-Didehydrotoluenes by Photoactivation of (Chlorobenzyl)trimethylsilanes: An Alternative to Enyne~Allenes Cyclization. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8577-8580.	7.2	24
134	Benzyl Radicals from Toluene by Photosensitization with Naphthalene-1,4-dicarbonitrile ~Benzylation and Hydroxymethylation of Unsaturated Compounds. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 2137-2142.	1.2	23
135	Photochemical Arylation of Alkenols: Role of Intermediates and Synthetic Significance. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2240-2247.	1.2	23
136	Photochemical synthesis: Using light to build C~C bonds under mild conditions. <i>Comptes Rendus Chimie</i> , 2017, 20, 261-271.	0.2	23
137	Phenyl cation: A versatile intermediate. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 339, 103-113.	2.0	23
138	Antimony~Oxo Porphyrins as Photocatalysts for Redox-Neutral C~H to C~C Bond Conversion. <i>ACS Catalysis</i> , 2020, 10, 9057-9064.	5.5	23
139	Radicals through Photoinduced Electron Transfer. Addition to Olefin and Addition to Olefin-Aromatic Substitution Reactions. <i>Journal of Organic Chemistry</i> , 1994, 59, 5614-5622.	1.7	22
140	Reductive cyclization of Î±-cyclopropylketones with alkynyl- and aryl-tethered substituents. <i>Tetrahedron</i> , 1998, 54, 6427-6444.	1.0	22
141	Titanium dioxide photocatalysis: An assessment of the environmental compatibility for the case of the functionalization of heterocyclics. <i>Applied Catalysis B: Environmental</i> , 2010, 99, 442-447.	10.8	22
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