Maurizio Fagnoni

List of Publications by Year
in descending order

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231 papers	14,183 citations	28242 55 h-index	26591 107 g-index
277 all docs	277 docs citations	277 times ranked	8841 citing authors

#	Article	IF	Citations
1	Direct Photocatalyzed Hydrogen Atom Transfer (HAT) for Aliphatic Câ€“H Bonds Elaboration. Chemical Reviews, 2022, 122, 1875-1924.	23.0	442
2	Arylâ€“Cl vs heteroatomâ€“Si bond cleavage on the route to the photochemical generation of Ïƒ,Ï€-heterodiradicals. Photochemical and Photobiological Sciences, 2022, 21, 667-685.	1.6	3
3	Visible Light-Driven, Gold(I)-Catalyzed Preparation of Symmetrical (Hetero)biaryls by Homocoupling of Arylazo Sulfones. Journal of Organic Chemistry, 2022, 87, 4863-4872.	1.7	10
4	Diradicals Photogeneration from Chloroarylâ€Substituted Carboxylic Acids. Chemistry - A European Journal, 2022, 28, .	1.7	2
5	A special issue dedicated to Angelo Albini on the occasion of his 75th birthday. Photochemical and Photobiological Sciences, 2022, , 1.	1.6	0
6	Designing radical chemistry by visible light-promoted homolysis. Trends in Chemistry, 2022, 4, 305-317.	4.4	21
7	Photogenerated electrophilic radicals for the umpolung of enolate chemistry. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2021, 46, 100387.	5.6	13
8	Metal-Free Trifluoromethylthiolation of Arylazo Sulfones. Journal of Organic Chemistry, 2021, 86, 1292-1299.	1.7	18
9	Bio-based crotonic acid from polyhydroxybutyrate: synthesis and photocatalyzed hydroacylation. Green Chemistry, 2021, 23, 3420-3427.	4.6	29
10	2.6 Generation of Carbon-Centered Radicals by Photochemical Methods. , 2021, , .		0
11	Photohomolysis and Photoheterolysis in Aryl Sulfonates and Aryl Phosphates. Chemistry - A European Journal, 2021, 27, 6315-6323.	1.7	4
12	Dyedauxiliary Group Strategy for the Î±-Functionalization of Ketones and Esters. ACS Organic & Inorganic Au, 2021, 1, 68-71.	1.9	14
13	Blue light driven free-radical polymerization using arylazo sulfones as initiators. Polymer Chemistry, 2021, 12, 5747-5751.	1.9	8
14	CHAPTER 6. Colored Compounds for Eco-sustainable Visible-light Promoted Syntheses. , 2021, , 150-180.		2
15	Smooth Metalâ€Free Photoinduced Preparation of Valuable 8â€Arylxanthines. European Journal of Organic Chemistry, 2020, 2020, 1448-1452.	1.2	16
16	Antimonyâ€“Oxo Porphyrins as Photocatalysts for Redox-Neutral Câ€“H to Câ€“C Bond Conversion. ACS Catalysis, 2020, 10, 9057-9064.	5.5	23
17	Generation of Alkyl Radicals: From the Tyranny of Tin to the Photon Democracy. Chemical Reviews, 2020, 120, 9790-9833.	23.0	241
18	Metalâ€Free Synthesis of Unsymmetrical Aryl Selenides and Tellurides via Visible Lightâ€Driven Activation of Arylazo Sulfones. European Journal of Organic Chemistry, 2020, 2020, 7358-7367.	1.2	30

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19	Dyedauxiliary Groups, an Emerging Approach in Organic Chemistry. The Case of Arylazo Sulfones. Journal of Organic Chemistry, 2020, 85, 12813-12822.	1.7	33
20	Metal-free synthesis of biarenes via photoextrusion in di(tri)aryl phosphates. Beilstein Journal of Organic Chemistry, 2020, 16, 3008-3014.	1.3	2
21	C(sp ³)â€“H functionalizations of light hydrocarbons using decatungstate photocatalysis in flow. Science, 2020, 369, 92-96.	6.0	263
22	Photocatalyzed syntheses of phenanthrenes and their aza-analogues. A review. Beilstein Journal of Organic Chemistry, 2020, 16, 1476-1488.	1.3	19
23	Aryldiazenyl Radicals from Arylazo Sulfones: Visible Lightâ€Driven Diazenylation of Enol Silyl Ethers. Advanced Synthesis and Catalysis, 2020, 362, 2150-2154.	2.1	22
24	Simultaneous Photografting of Two Organic Groups on a Gold Surface by using Arylazo Sulfones as Single Precursors. Langmuir, 2020, 36, 2786-2793.	1.6	14
25	Visible Lightâ€Driven, Photocatalystâ€Free Arbuzovâ€Like Reaction via Arylazo Sulfones. Advanced Synthesis and Catalysis, 2019, 361, 5239-5244.	2.1	30
26	Photogenerated acyl/alkoxycarbonyl/carbamoyl radicals for sustainable synthesis. Green Chemistry, 2019, 21, 748-764.	4.6	142
27	Wavelength dependence and wavelength selectivity in photochemical reactions. Photochemical and Photobiological Sciences, 2019, 18, 2094-2101.	1.6	56
28	Visible-Light-Driven Synthesis of Arylstannanes from Arylazo Sulfones. Organic Letters, 2019, 21, 5187-5191.	2.4	43
29	Hydro/Deutero Deamination of Arylazo Sulfones under Metal- and (Photo)Catalyst-Free Conditions. Molecules, 2019, 24, 2164.	1.7	20
30	Visible Light Uranyl Photocatalysis: Direct Câ€“H to Câ€“C Bond Conversion. ACS Catalysis, 2019, 9, 3054-3058.	5.5	84
31	Visible Light-Promoted Formation of Câ€“B and Câ€“S Bonds under Metal- and Photocatalyst-Free Conditions. Synthesis, 2019, 51, 1243-1252.	1.2	40
32	Substituent Effects on 3-Arylazoindole Photoswitches. Journal of Organic Chemistry, 2019, 84, 6565-6575.	1.7	21
33	Unraveling the Thermal Isomerization Mechanisms of Heteroaryl Azoswitches: Phenylazoindoles as Case Study. Journal of Physical Chemistry A, 2019, 123, 1814-1823.	1.1	30
34	Photoorganocatalysis in Organic Synthesis. Catalytic Science Series, 2019, , .	0.6	30
35	Selective C(sp³)â^'H Aerobic Oxidation Enabled by Decatungstate Photocatalysis in Flow. Angewandte Chemie - International Edition, 2018, 57, 4078-4082.	7.2	179
36	Tuning the Thermal Isomerization of Phenylazoindole Photoswitches from Days to Nanoseconds. Journal of the American Chemical Society, 2018, 140, 2940-2946.	6.6	92

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37	Aryl Sulfonates as Initiators for Extreme Ultraviolet Lithography: Applications in Epoxyâ€Based Hybrid Materials. ChemPhotoChem, 2018, 2, 425-432.	1.5	9
38	Site-selectivity in TBADT-photocatalyzed C(sp³)â€“H Functionalization of Saturated Alcohols and Alkanes. Chemistry Letters, 2018, 47, 207-209.	0.7	30
39	Photocatalyzed Formation of Heterocycles. Topics in Heterocyclic Chemistry, 2018, , 1-69.	0.2	2
40	N-Aryltrifluoromethanesulfonimides as new trifluoromethylating agents for the (photo)catalyst-free functionalization of (hetero)aromatics. Chemical Communications, 2018, 54, 4144-4147.	2.2	22
41	Selective C(sp³)â˜H Aerobic Oxidation Enabled by Decatungstate Photocatalysis in Flow. Angewandte Chemie, 2018, 130, 4142-4146.	1.6	45
42	Search for a photoinduced (site-selective) cleavage of the Arâ€“Cl bond in dichloroanisoles. Photochemical and Photobiological Sciences, 2018, 17, 107-117.	1.6	0
43	Acyl Radicals from Acylsilanes: Photoredox-Catalyzed Synthesis of Unsymmetrical Ketones. ACS Catalysis, 2018, 8, 304-309.	5.5	97
44	Multi-Step Continuous Flow Synthesis of Î²/Î³-Substituted Ketones. ChemPhotoChem, 2018, 2, 847-850.	1.5	8
45	Sunlightâ€Driven Synthesis of Triarylethylenes (TAEs) via Metalâ€Free Mizorokiâ€“Heckâ€Type Coupling. European Journal of Organic Chemistry, 2018, 2018, 5297-5303.	1.2	33
46	Site-Selective Câ€“H Functionalization by Decatungstate Anion Photocatalysis: Synergistic Control by Polar and Steric Effects Expands the Reaction Scope. ACS Catalysis, 2018, 8, 701-713.	5.5	313
47	Photochemical synthesis: Using light to build Câ€“C bonds under mild conditions. Comptes Rendus Chimie, 2017, 20, 261-271.	0.2	23
48	Versatile cross-dehydrogenative coupling of heteroaromatics and hydrogen donors via decatungstate photocatalysis. Chemical Communications, 2017, 53, 2335-2338.	2.2	125
49	Nâ€Arylsulfonimides as Photoinitiators for Cationic Polymerization of Epoxy Solâ€Gel Materials. ChemistrySelect, 2017, 2, 3633-3636.	0.7	6
50	Cooperative Polar/Steric Strategy in Achieving Siteâ€Selective Photocatalyzed C(sp³)â˜H Functionalization. Chemistry - A European Journal, 2017, 23, 8615-8618.	1.7	37
51	Singlet vs Triplet Reactivity of Photogenerated Î±,n-Didehydrotoluenes. Journal of Organic Chemistry, 2017, 82, 6592-6603.	1.7	10
52	Design Consideration of Continuous-Flow Photoreactors. , 2017, , 1-36.		6
53	Vinylpyridines as Building Blocks for the Photocatalyzed Synthesis of Alkylpyridines. Chemistry - A European Journal, 2017, 23, 6527-6530.	1.7	55
54	Phenyl cation: A versatile intermediate. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 339, 103-113.	2.0	23

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55	A Photocatalytic Meerwein Approach to the Synthesis of Isochromanones and Isochromenones. European Journal of Organic Chemistry, 2017, 2017, 2147-2153.	1.2	25
56	Photocatalystâ€free, Visible Light Driven, Gold Promoted Suzuki Synthesis of (Hetero)biaryls. ChemCatChem, 2017, 9, 4456-4459.	1.8	51
57	Sugar-Assisted Photogeneration of Didehydrotoluenes from Chlorobenzylphosphonic Acids. Journal of Organic Chemistry, 2017, 82, 12162-12172.	1.7	3
58	A Visibleâ€Lightâ€Driven, Metalâ€free Route to Aromatic Amides via Radical Arylation of Isonitriles. Advanced Synthesis and Catalysis, 2017, 359, 3826-3830.	2.1	49
59	Visible Light Promoted Metal- and Photocatalyst-Free Synthesis of Allylarenes. Journal of Organic Chemistry, 2017, 82, 10687-10692.	1.7	50
60	Sunlight decatungstate photoinduced trifluoromethylations of (hetero)aromatics and electron-poor olefins. Photochemical and Photobiological Sciences, 2017, 16, 1375-1380.	1.6	26
61	Photocatalyzed Site-Selective C(sp³)â€“H Functionalization of Alkylpyridines at Non-Benzylic Positions. Organic Letters, 2017, 19, 6436-6439.	2.4	31
62	Flow Metalâ€Free Arï¿C Bond Formation via Photogenerated Phenyl Cations. Advanced Synthesis and Catalysis, 2016, 358, 1164-1172.	2.1	18
63	Asymmetric catalytic formation of quaternary carbons by iminium ion trapping of radicals. Nature, 2016, 532, 218-222.	13.7	345
64	Carbonâ€“Carbon Bond Forming Reactions via Photogenerated Intermediates. Chemical Reviews, 2016, 116, 9850-9913.	23.0	867
65	Photochemistry of Nâ€Arylsulfonimides: An Easily Available Class of Nonionic Photoacid Generators (PAGs). Chemistry - A European Journal, 2016, 22, 16998-17005.	1.7	20
66	Unraveling the Key Features of the Reactive State of Decatungstate Anion in Hydrogen Atom Transfer (HAT) Photocatalysis. ACS Catalysis, 2016, 6, 7174-7182.	5.5	124
67	Wavelength Selective Generation of Aryl Radicals and Aryl Cations for Metal-Free Photoarylations. Journal of Organic Chemistry, 2016, 81, 9612-9619.	1.7	76
68	Application of Visible and Solar Light in Organic Synthesis. Lecture Notes in Quantum Chemistry II, 2016, , 281-342.	0.3	6
69	Decatungstate Anion for Photocatalyzed â€œWindow Ledgeâ€•Reactions. Accounts of Chemical Research, 2016, 49, 2232-2242.	7.6	244
70	On the Route to the Photogeneration of Heteroaryl Cations. The Case of Halothiophenes. Journal of Organic Chemistry, 2016, 81, 6336-6342.	1.7	4
71	Smooth Photocatalyzed Benzylation of Electrophilic Olefins via Decarboxylation of Arylacetic Acids. Journal of Organic Chemistry, 2016, 81, 7102-7109.	1.7	63
72	(Hetero)aromatics from dienynes, enediynes and enyneâ€“allenes. Chemical Society Reviews, 2016, 45, 4364-4390.	18.7	70

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73	Decatungstate Photocatalyzed Acylations and Alkylations in Flow via Hydrogen Atom Transfer. Advanced Synthesis and Catalysis, 2015, 357, 3687-3695.	2.1	65
74	Decatungstateâ€Photocatalyzed Siâˆ'H/Câˆ'H Activation in Silyl Hydrides: Hydrosilylation of Electronâ€Poor Alkenes. ChemCatChem, 2015, 7, 3350-3357.	1.8	80
75	Aromatic Aldehydes as Energyâ€Transfer Photoorganocatalysts. ChemCatChem, 2015, 7, 735-737.	1.8	9
76	Photogenerated Î±,n-Didehydrotoluenes from Chlorophenylacetic Acids at Physiological pH. Journal of Organic Chemistry, 2015, 80, 852-858.	1.7	10
77	Preparation of (substituted) picenes via solar light-induced Mallory photocyclization. RSC Advances, 2015, 5, 27470-27475.	1.7	12
78	Pyrrolidinium-based Ionic Liquids: Aquatic Ecotoxicity, Biodegradability, and Algal Subinhibitory Stimulation. ACS Sustainable Chemistry and Engineering, 2015, 3, 1860-1865.	3.2	32
79	Conditions and Edges for the Photochemical Generation of Short-Lived Aryl Cations: A Computational Approach. Synlett, 2015, 26, 471-478.	1.0	12
80	Photocatalyzed Site-Selective Câ€"H to Câ€"C Conversion of Aliphatic Nitriles. Organic Letters, 2015, 17, 1292-1295.	2.4	53
81	Photocatalytic Cï£¿H Activation by Hydrogenâ€Atom Transfer in Synthesis. ChemCatChem, 2015, 7, 1516-1523.	1.8	140
82	Aryl tosylates as non-ionic photoacid generators (PAGs): photochemistry and applications in cationic photopolymerizations. RSC Advances, 2015, 5, 33239-33248.	1.7	22
83	Photocatalytic One-Pot Synthesis of Homoallyl Ketones via a Norrish Type I Reaction of Cyclopentanones. Journal of Organic Chemistry, 2015, 80, 9365-9369.	1.7	25
84	Photocatalytic Synthesis of Oxetane Derivatives by Selective Cï£¿H Activation. Advanced Synthesis and Catalysis, 2014, 356, 2781-2786.	2.1	45
85	Flow Synthesis of Substituted Î³â€Lactones by Consecutive Photocatalytic/Reductive Reactions. Advanced Synthesis and Catalysis, 2014, 356, 753-758.	2.1	33
86	(Co)oxidation/cyclization processes upon irradiation of triphenylamine. Tetrahedron Letters, 2014, 55, 2932-2935.	0.7	11
87	Biocompatibility of functionalized boron phosphate (BPO4) nanoparticles for boron neutron capture therapy (BNCT) application. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 589-597.	1.7	40
88	Competing Pathways in the Photogeneration of Didehydrotoluenes from (Trimethylsilylmethyl)aryl Sulfonates and Phosphates. Chemistry - A European Journal, 2014, 20, 17572-17578.	1.7	8
89	Aryl Imidazylates and Aryl Sulfates As Electrophiles in Metal-Free ArS_N1 Reactions. Journal of Organic Chemistry, 2014, 79, 11527-11533.	1.7	21
90	Sunlight photocatalyzed regioselective Î²-alkylation and acylation of cyclopentanones. Chemical Science, 2014, 5, 2893-2898.	3.7	129

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91	Methoxy-Substituted Î±,n-Didehydrotoluenes. Photochemical Generation and Polar vs Diradical Reactivity. Journal of the American Chemical Society, 2014, 136, 13874-13881.	6.6	11
92	Invitro study of multiwall carbon nanotubes (MWCNTs) with adsorbed mitoxantrone (MTO) as a drug delivery system to treat breast cancer. RSC Advances, 2014, 4, 18683-18693.	1.7	22
93	Folic Acidâ€Conjugated 4â€Aminoâ€Phenylboronate, a Boronâ€Containing Compound Designed for Boron Neutron Capture Therapy, is an Unexpected Agonist for Human Neutrophils and Platelets. Chemical Biology and Drug Design, 2014, 83, 532-540.	1.5	13
94	Electronic and EPR spectra of the species involved in [W10O32]4â^' photocatalysis. A relativistic DFT investigation. Physical Chemistry Chemical Physics, 2013, 15, 2890.	1.3	28
95	Metal-free arylations via photochemical activation of the Arâ€“OSO2R bond in aryl nonaflates. Green Chemistry, 2013, 15, 2704.	4.6	17
96	Susceptibility to hydrolysis of phenylboronic pinacol esters at physiological pH. Open Chemistry, 2013, 11, 137-139.	1.0	21
97	From Phenyl Chlorides to Î±,n-Didehydrotoluenes via Phenyl Cations. A CPCMâ€“CASMP2 Investigation. Journal of Organic Chemistry, 2013, 78, 3814-3820.	1.7	11
98	Efficient Câ€“H/Câ€“N and Câ€“H/Câ€“COâ€“N Conversion via Decatungstate-Photoinduced Alkylation of Diisopropyl Azodicarboxylate. Organic Letters, 2013, 15, 2554-2557.	2.4	137
99	PEGylated carbon nanotubes: preparation, properties and applications. RSC Advances, 2013, 3, 13569.	1.7	34
100	Transition-Metal-Free Arylations via Photogenerated Triplet 4-Alkyl- and 4-Trimethylsilylphenyl Cations. Journal of Organic Chemistry, 2013, 78, 6016-6024.	1.7	30
101	A Photochemical Route to Benzo[a]carbazoles via Domino Elimination/Electrocyclization of 2â€Arylâ€3â€(1â€tosylalkyl)indoles. Advanced Synthesis and Catalysis, 2013, 355, 643-646.	2.1	30
102	Photoorganocatalysis. What for?. Chemical Society Reviews, 2013, 42, 97-113.	18.7	790
103	Smooth photogeneration of Î±,n-didehydrotoluenes (DHTs). Pure and Applied Chemistry, 2013, 85, 1479-1486.	0.9	5
104	Experiments with the titanium dioxide-ruthenium tris-bipyridine-nickel cyclam system for the photocatalytic reduction of CO2. Green Processing and Synthesis, 2013, 2, .	1.3	0
105	A Detailed Study of the (Electro)chemical Behavior of Bis(trifluoromethanesulfonyl)imide Based Ionic Liquids at Different Purification Steps. Electroanalysis, 2013, 25, 1453-1460.	1.5	4
106	Decatungstate Photocatalyzed Benzylation of Alkenes with Alkylaromatics. Advanced Synthesis and Catalysis, 2013, 355, 2891-2899.	2.1	42
107	Spectroscopic characterization of photoaccumulated radical anions: a litmus test to evaluate the efficiency of photoinduced electron transfer (PET) processes. Beilstein Journal of Organic Chemistry, 2013, 9, 800-808.	1.3	5
108	Visible Light Photocatalysis. A Green Choice?. Current Organic Chemistry, 2013, 17, 2366-2373.	0.9	40

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109	Decatungstate As Photoredox Catalyst: Benzylation of Electron-Poor Olefins. Organic Letters, 2012, 14, 4218-4221.	2.4	67
110	Acetalization Allows the Photoheterolysis of the Arâ€“Cl Bond in Chlorobenzaldehydes and Chloroacetophenones. Journal of Organic Chemistry, 2012, 77, 9094-9101.	1.7	15
111	Probing for a Leaving Group Effect on the Generation and Reactivity of Phenyl Cations. Journal of Organic Chemistry, 2012, 77, 3501-3507.	1.7	18
112	Activation of aliphatic Câ€“H bonds by tetracyanobenzene photosensitization. A time-resolved and steady-state investigation. RSC Advances, 2012, 2, 1897.	1.7	15
113	Singlet/triplet phenyl cations and benzyne from the photodehalogenation of some silylated and stannylated phenyl halides. Chemical Science, 2012, 3, 1330.	3.7	31
114	A Photochemical Route to 2-Substituted Benzo[b]furans. Journal of Organic Chemistry, 2012, 77, 6473-6479.	1.7	40
115	Î±,nâ€Didehydrotoluenes by Photoactivation of (Chlorobenzyl)trimethylsilanes: An Alternative to Enyneâ€“Allenes Cyclization. Angewandte Chemie - International Edition, 2012, 51, 8577-8580.	7.2	24
116	Dyes as Visible Light Photoredox Organocatalysts. ChemCatChem, 2012, 4, 169-171.	1.8	227
117	Oneâ€Step Decatungstateâ€Photomediated PEGylation of Singleâ€Walled Carbon Nanotubes. ChemPlusChem, 2012, 77, 210-216.	1.3	17
118	Photochemistry of Phosphate and Sulfonate Esters. , 2012, , 393-417.		2
119	Cationic and radical intermediates in the acid photorelease from aryl sulfonates and phosphates. Photochemical and Photobiological Sciences, 2011, 10, 123-127.	1.6	32
120	Photochemical technologies assessed: the case of rose oxide. Green Chemistry, 2011, 13, 1876.	4.6	69
121	Significance of TiO2 Photocatalysis for Green Chemistry. Journal of Advanced Oxidation Technologies, 2011, 14, .	0.5	3
122	A Tinâ€Free, Radical Photocatalyzed Addition to Vinyl Sulfones. Advanced Synthesis and Catalysis, 2011, 353, 3295-3300.	2.1	54
123	Looking for a Paradigm for the Reactivity of Phenonium Ions. European Journal of Organic Chemistry, 2011, 2011, 3229-3237.	1.2	20
124	Environmental Implications of the Surfactant Effect on the Photochemistry of (Substituted) 4â€Chlorophenols in Water. ChemSusChem, 2011, 4, 98-103.	3.6	10
125	Predicting the UV spectrum of polyoxometalates by TDâ€DFT. Journal of Computational Chemistry, 2011, 32, 2983-2987.	1.5	31
126	Atomâ€Economical Synthesis of Unsymmetrical Ketones through Photocatalyzed Cï£¿H Activation of Alkanes and Coupling with CO and Electrophilic Alkenes. Angewandte Chemie - International Edition, 2011, 50, 1869-1872.	7.2	151

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127	Smooth Photocatalytic Preparation of 2â€Substituted 1,3â€Benzodioxoles. Chemistry - A European Journal, 2011, 17, 572-579.	1.7	60
128	Increasing the Antibacterial Effect of Lysozyme by Immobilization on Multi-Walled Carbon Nanotubes. Journal of Nanoscience and Nanotechnology, 2011, 11, 3100-3106.	0.9	24
129	The Aromatic Carbonâ€“Carbon ipsoâ€Substitution Reaction. Chemistry - A European Journal, 2010, 16, 13572-13589.	1.7	123
130	Participation of a heterolytic path in the photochemistry of chlorobenzene. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 210, 140-144.	2.0	13
131	Titanium dioxide photocatalysis: An assessment of the environmental compatibility for the case of the functionalization of heterocyclics. Applied Catalysis B: Environmental, 2010, 99, 442-447.	10.8	22
132	Solarylations via 4-Aminophenyl Cations. Journal of Organic Chemistry, 2010, 75, 1271-1276.	1.7	27
133	Selectivity in the Reaction of Triplet Phenyl Cations. Journal of Organic Chemistry, 2010, 75, 315-323.	1.7	35
134	Benzoyl radicals from (hetero)aromatic aldehydes. Decatungstate photocatalyzed synthesis of substituted aromatic ketones. Organic and Biomolecular Chemistry, 2010, 8, 4158.	1.5	72
135	The Contribution of Photochemistry to Green Chemistry. RSC Green Chemistry, 2009, , 80-111.	0.0	17
136	Waterâ€Miscible Liquid Multiwalled Carbon Nanotubes. Advanced Materials, 2009, 21, 1761-1765.	11.1	37
137	Regioâ€and Stereoselectivity in the Decatungstate Photocatalyzed Alkylation of Alkenes by Alkylcyclohexanes. Chemistry - A European Journal, 2009, 15, 7949-7957.	1.7	34
138	Eco-friendly hydrodehalogenation of electron-rich aryl chlorides and fluorides by photochemical reaction. Green Chemistry, 2009, 11, 942.	4.6	52
139	Photocatalysis. A multi-faceted concept for green chemistry. Chemical Society Reviews, 2009, 38, 1999.	18.7	920
140	Photoinduced Electron and Energy Transfer in Aryldihydropyridines. Journal of Organic Chemistry, 2009, 74, 6615-6622.	1.7	18
141	Photoinduced Three-Component Reaction: A Convenient Access to 3-Arylacetals or 3-Arylketals. Organic Letters, 2009, 11, 349-352.	2.4	30
142	Solar light-driven photocatalyzed alkylations. Chemistry on the window ledge. Chemical Communications, 2009, , 7351.	2.2	123
143	The sunny side of chemistry: green synthesis by solar light. Photochemical and Photobiological Sciences, 2009, 8, 1499-1516.	1.6	138
144	Synthesis of Î³-lactols, Î³-lactones and 1,4-monoprotected succinaldehydes under moderately concentrated sunlight. Green Chemistry, 2009, 11, 1653.	4.6	59

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145	Assessing photochemistry as a green synthetic method. Carbonâ€“carbon bond forming reactions. Green Chemistry, 2009, 11, 239-249.	4.6	58
146	Revealing Phenylium, Phenonium, Vinylenephenonium, and Benzenium Ions in Solution. Chemistry - A European Journal, 2008, 14, 1029-1039.	1.7	45
147	Photochemical Arylation of Alkenols: Role of Intermediates and Synthetic Significance. European Journal of Organic Chemistry, 2008, 2008, 2240-2247.	1.2	23
148	Photosensitized Electron Transfer Oxidation of Sulfides: A Steadyâ€State Study. European Journal of Organic Chemistry, 2008, 2008, 2612-2620.	1.2	32
149	Biaryl Formation Involving Carbonâ€Based Leaving Groups: Why Not?. Angewandte Chemie - International Edition, 2008, 47, 10022-10025.	7.2	57
150	Tetrabutylammonium Decatungstate (Chemo)selective Photocatalyzed, Radical Cï£¿H Functionalization in Amides. Advanced Synthesis and Catalysis, 2008, 350, 2209-2214.	2.1	64
151	Photocatalytic oxidation of aliphatic and aromatic sulfides in the presence of silica adsorbed or zeolite-encapsulated 2,4,6-triphenyl(thia)pyrylium. Applied Catalysis B: Environmental, 2008, 79, 368-375.	10.8	25
152	Hydrogen bonding properties of DMSO in ground-state formation and optical spectra of 3-hydroxyflavone anion. Chemical Physics Letters, 2008, 467, 88-93.	1.2	47
153	Phosphate esters as â€œtunableâ€•reagents in organic synthesis. Chemical Communications, 2008, , 3611.	2.2	53
154	Geometry and Energy of Substituted Phenyl Cations. Journal of Organic Chemistry, 2008, 73, 206-211.	1.7	53
155	Using Phenyl Cations as Probes for Establishing Electrophilicityâ^'Nucleophilicity Relations. Journal of Organic Chemistry, 2008, 73, 1282-1289.	1.7	25
156	Photosensitized electron transfer oxidation of sulfides: structure and medium effect. Journal of Sulfur Chemistry, 2008, 29, 367-376.	1.0	9
157	Photochemistry as a Green Synthetic Method. NATO Science Series Series II, Mathematics, Physics and Chemistry, 2008, , 279-293.	0.1	8
158	Aryl Cation Chemistry as an Emerging Versatile Tool for Metal-Free Arylations. Synlett, 2008, 2008, 787-800.	1.0	14
159	The Greenest Reagent in Organic Synthesis: Light. , 2008, , 173-189.		17
160	Photochemistry in synthesis: Where, when, and why. Pure and Applied Chemistry, 2007, 79, 1929-1938.	0.9	45
161	A Meta Effect in Organic Photochemistry? The Case of SN1 Reactions in Methoxyphenyl Derivatives. Journal of the American Chemical Society, 2007, 129, 5605-5611.	6.6	38
162	Photocatalysis for the Formation of the Câ^'C Bond. Chemical Reviews, 2007, 107, 2725-2756.	23.0	746

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