

Axel G Griesbeck

List of Publications by Year in descending order

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162
papers

5,077
citations

87888

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63
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178
all docs

178
docs citations

178
times ranked

3210
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoredox Catalysis for Organic Syntheses. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2727-2744.	4.3	441
2	Singlet oxygen photooxygenation of furans. <i>Tetrahedron</i> , 1985, 41, 2057-2068.	1.9	216
3	Photoinduced-Electron-Transfer Chemistry: From Studies on PET Processes to Applications in Natural Product Synthesis. <i>Accounts of Chemical Research</i> , 2007, 40, 128-140.	15.6	176
4	Intersystem Crossing in Triplet 1,4-Biradicals: Conformational Memory Effects on the Stereoselectivity of Photocycloaddition Reactions. <i>Accounts of Chemical Research</i> , 1994, 27, 70-75.	15.6	169
5	Asymmetric Photochemistry and Photochirogenesis. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3147-3154.	13.8	155
6	Selectivity Control in Electron Spin Inversion Processes: Regio- and Stereochemistry of Paternò-Büchi Photocyclo- additions as a Powerful Tool for Mapping Intersystem Crossing Processes. <i>Accounts of Chemical Research</i> , 2004, 37, 919-928.	15.6	111
7	Electrochemiluminescence Bioassays with a Water-Soluble Luminol Derivative Can Outperform Fluorescence Assays. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 408-411.	13.8	109
8	Photooxygenation of olefins in the presence of titanium(IV) catalyst. A convenient "one-pot" synthesis of epoxy alcohols. <i>Journal of the American Chemical Society</i> , 1989, 111, 203-212.	13.7	102
9	Photoinduced electron transfer chemistry of phthalimides: an efficient tool for C-C bond formation. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2002, 3, 109-127.	11.6	83
10	Photo Electron Transfer Induced Macrocyclization of N-Phthaloyl- α -aminocarboxylic Acids. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 474-476.	4.4	73
11	Synthesis of Medium- and Large-Ring Compounds Initiated by Photochemical Decarboxylation of α -Phthalimidoalkanoates. <i>Helvetica Chimica Acta</i> , 1997, 80, 912-933.	1.6	73
12	Diastereo- and Enantioselective Synthesis of Pyrrolo[1,4]benzodiazepines through Decarboxylative Photocyclization. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 577-579.	13.8	73
13	Photocycloaddition of benzaldehyde to cyclic olefins: electronic control of endo stereoselectivity. <i>Journal of the American Chemical Society</i> , 1990, 112, 1281-1283.	13.7	71
14	Stereoselectivity of Triplet Photocycloadditions: 1 Diene-Carbonyl Reactions and Solvent Effects. <i>Journal of Organic Chemistry</i> , 1998, 63, 3847-3854.	3.2	70
15	Synthetic Applications of Photoinduced Electron Transfer Decarboxylation Reactions. <i>Synlett</i> , 1999, 1999, 1169-1178.	1.8	70
16	Stereoselective Synthesis of 2-Aminocyclobutanols via Photocyclization of α -Amido Alkylaryl Ketones: Mechanistic Implications for the Norrish/Yang Reaction. <i>Journal of the American Chemical Society</i> , 2002, 124, 396-403.	13.7	69
17	9-Mesityl-10-methylacridinium: An Efficient Type II and Electron-Transfer Photooxygenation Catalyst. <i>Organic Letters</i> , 2007, 9, 611-613.	4.6	69
18	Photoinduced decarboxylation reactions. <i>Green Chemistry</i> , 1999, 1, 205-208.	9.0	66

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19	Novel spiroanellated 1,2,4-trioxanes with high in vitro antimalarial activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 595-597.	2.2	66
20	Electronic control of stereoselectivity in photocycloaddition reactions. 4. Effects of methyl substituents at the donor olefin. <i>Journal of the American Chemical Society</i> , 1991, 113, 6923-6928.	13.7	64
21	Synthesis of Antimalarial 1,2,4-Trioxanes via Photooxygenation of a Chiral Allylic Alcohol. <i>Organic Letters</i> , 2002, 4, 4193-4195.	4.6	64
22	Sustainable photochemistry: solvent-free singlet oxygen-photooxygenation of organic substrates embedded in porphyrin-loaded polystyrene beads Dedicated to Professor Waldemar Adam on the occasion of his 65th birthday and his retirement from the stage of photooxygenation chemistry.. <i>Chemical Communications</i> , 2002, , 1594-1595.	4.1	59
23	The excimer radiation system: a powerful tool for preparative organic photochemistry. A technical note. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 450-451.	2.9	59
24	Regioselective Synthesis of 2-Hydroperoxy-2-methylenebutanoic Acid Derivatives via Photooxygenation of Tiglic Acid Derivatives. <i>Synthesis</i> , 1986, 1986, 1050-1052.	2.3	55
25	Time-Resolved Spectroscopy of Sulfur- and Carboxy-Substituted N-Alkylphthalimides. <i>Chemistry - A European Journal</i> , 2001, 7, 1530-1538.	3.3	54
26	Photodecarboxylation Study of Carboxy-Substituted N-Alkylphthalimides in Aqueous Solution: Time Resolved UV-Vis Spectroscopy and Conductometry. <i>Journal of Physical Chemistry A</i> , 2002, 106, 1458-1464.	2.5	54
27	A Photochemical Route for Efficient Cyclopeptide Formation with a Minimum of Protection and Activation Chemistry. <i>Journal of the American Chemical Society</i> , 2002, 124, 10972-10973.	13.7	53
28	Photoinduced Decarboxylative Benzoylation of Phthalimide Triplets with Phenyl Acetates: A Mechanistic Study. <i>Journal of Physical Chemistry A</i> , 2006, 110, 3356-3363.	2.5	53
29	Synthesis of erythro- and threo-2-hydroxy Carboxylic Acid Esters by Diastereoselective Photocycloaddition of 5-Methoxyoxazoles with Aldehydes. <i>Journal of Organic Chemistry</i> , 2003, 68, 9899-9906.	3.2	52
30	Photochemistry of N-(Phthaloyl)- α -Amino Acid Esters: A New Approach to Unsaturated α -Amino Acid, Dihydrobenzazepinedione, and Pyrrolizidinone Derivatives. <i>Chemische Berichte</i> , 1992, 125, 2467-2475.	0.2	49
31	Laser flash photolysis study of N-alkylated phthalimides. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1999, 129, 111-119.	3.9	47
32	Interactions of singlet oxygen with 2,5-dimethyl-2,4-hexadiene in polar and non-polar solvents: evidence for a vinylog ene-reaction. <i>Tetrahedron</i> , 1984, 40, 3235-3250.	1.9	45
33	Solvent dependence of singlet oxygen / substrate interactions in ene-reactions, (4+2)- and (2+2)-cycloaddition reactions. <i>Tetrahedron Letters</i> , 1984, 25, 725-728.	1.4	45
34	Paternò-Büchi Reactions of Allylic Alcohols and Acetates with Aldehydes: A Hydrogen-Bond Interaction in the Excited Singlet and Triplet States?. <i>Journal of the American Chemical Society</i> , 2001, 123, 6191-6192.	13.7	45
35	Photooxygenation of allylic alcohols: kinetic comparison of unfunctionalized alkenes with preno-type allylic alcohols, ethers and acetates. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 877-881.	2.9	42
36	Spin-Selectivity in Photochemistry: A Tool for Organic Synthesis. <i>Synlett</i> , 2003, 2003, 0451-0472.	1.8	42

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37	Bicyclic Peroxides and Perorthoesters with 1,2,4-Trioxane Structures. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8883-8886.	13.8	40
38	Photochemistry of phthaloylcysteine, its methyl ester and C-unprotected S-alkyl derivatives. <i>Tetrahedron</i> , 1998, 54, 3169-3180.	1.9	39
39	Spin-Directed Stereoselectivity of Carbonyl-Alkene Photocycloadditions. <i>Organic Letters</i> , 2000, 2, 3623-3625.	4.6	39
40	Chiral Photocages Based on Phthalimide Photochemistry. <i>Journal of the American Chemical Society</i> , 2006, 128, 16472-16473.	13.7	39
41	Synthesis of the First α -Methylene- γ -peroxylactone-Regiospecific Ene Reaction of 1O_2 with α,β -Unsaturated Carboxylic Acids. <i>Angewandte Chemie International Edition in English</i> , 1985, 24, 1070-1071.	4.4	37
42	Antimalarial Peroxide Dyads from Natural Artemisinin and Hydroxyalkylated 1,2,4-Trioxanes. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 3420-3423.	6.4	37
43	Fluoride recognition by a chiral urea receptor linked to a phthalimide chromophore. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3499.	2.8	37
44	Photochemistry of N-phthaloyl derivatives of methionine. <i>Tetrahedron Letters</i> , 1993, 34, 453-456.	1.4	36
45	[4+2] - cycloaddition of singlet oxygen to conjugated acyclic hexadienes : evidence of singlet oxygen induced cis \rightarrow trans - isomerization. <i>Tetrahedron Letters</i> , 1983, 24, 3303-3306.	1.4	35
46	Decarboxylative Photocyclization: Synthesis of Benzopyrrolizidines and Macrocyclic Lactones. <i>Journal of Organic Chemistry</i> , 1999, 64, 5213-5217.	3.2	35
47	Photocycloaddition of aromatic and aliphatic aldehydes to isoxazoles: Cycloaddition reactivity and stability studies. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 127-134.	2.2	33
48	Oxazole-Carbonyl photocycloadditions: selectivity pattern and synthetic route to erythro β -amino, β -hydroxy ketones. <i>Chemical Communications</i> , 2000, , 589-590.	4.1	32
49	Photocyclization of 2-Azabicyclo[3.3.0]octane-3-carboxylate Derivatives: Induced and Noninduced Diastereoselectivity. <i>Organic Letters</i> , 2001, 3, 537-539.	4.6	32
50	The Photodecarboxylative Addition of Carboxylates to Phthalimides: Scope and Limitations. <i>Heterocycles</i> , 2003, 59, 669.	0.7	32
51	Photodecarboxylative Benzoylation of N-Alkylphthalimides: A Concise Route to the Aristolactam Skeleton. <i>Synlett</i> , 2004, 2004, 2347-2350.	1.8	32
52	Singlet oxygen addition to chiral allylic alcohols and subsequent peroxyacetalization with β -naphthaldehyde: synthesis of diastereomerically pure 3- β -naphthyl-substituted 1,2,4-trioxanes. <i>Tetrahedron</i> , 2006, 62, 10615-10622.	1.9	32
53	Photochemistry of N-Phthaloylcysteine Derivatives: Multiplicity-Directed Regioselective CH Activation. <i>Chemistry - A European Journal</i> , 1996, 2, 1388-1394.	3.3	31
54	Photochemical Synthesis of Macrocycles. <i>Synthesis</i> , 1996, 1996, 1261-1276.	2.3	31

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55	Ene-ene Diene Transmissive Cycloaddition Reactions with Singlet Oxygen: The Vinylogous Gem Effect and Its Use for Polyoxyfunctionalization of Dienes. <i>Journal of Organic Chemistry</i> , 2014, 79, 1818-1829.	3.2	30
56	Asymmetrische Photochemie und Photochirogenese. <i>Angewandte Chemie</i> , 2002, 114, 3279-3286.	2.0	29
57	Solvent-free photooxygenation of 5-methoxyoxazoles in polystyrene nanocontainers doped with tetrastyrilporphyrine and protoporphyrine-IX. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 205.	2.9	29
58	Stereoselective generation of vicinal stereogenic quaternary centers by photocycloaddition of 5-methoxy oxazoles to α -keto esters: synthesis of erythro β -hydroxy dimethyl aspartates. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1113-1115.	2.8	28
59	A Simple Access to 2-Epoxy Alcohols: Titanium(IV)-Catalyzed Oxygen Transfer from Allylic Hydroperoxides. <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 269-270.	4.4	27
60	Photoinduced decarboxylation of 3-(N-phthalimido)adamantane-1-carboxylic acid and radical addition to electron deficient alkenes. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 610-617.	2.9	27
61	Temperature and Viscosity Dependence of the Spin-Directed Stereoselectivity of the Carbonyl-Alkene Photocycloaddition. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4684-4687.	13.8	26
62	Homogeneous and heterogeneous photoredox-catalyzed hydroxymethylation of ketones and keto esters: catalyst screening, chemoselectivity and dilution effects. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1143-1150.	2.2	26
63	Diastereoselective ene reaction in the photooxygenation of the silyl cyanohydrins of α,β -unsaturated aldehydes: necessity for a common symmetrical intermediate of the perepoxide type. <i>Journal of Organic Chemistry</i> , 1986, 51, 5494-5496.	3.2	25
64	Regio- and stereoselective 1,6-photocyclization of aspartic acid-derived chiral β -ketoamides. <i>Tetrahedron Letters</i> , 1999, 40, 3137-3140.	1.4	25
65	Intra- and intermolecular fluorescence quenching of N-activated 4,5-dimethoxyphthalimides by sulfides, amines, and alkyl carboxylates. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 113.	2.9	25
66	Selective Inhibitors of Glutathione Transferase P1 with Trioxane Structure as Anticancer Agents. <i>ChemMedChem</i> , 2015, 10, 629-639.	3.2	25
67	Steric Enhancement of the Chemiluminescence of Luminols. <i>Chemistry - A European Journal</i> , 2015, 21, 9975-9979.	3.3	24
68	Photoelektronentransferinduzierte Makrocyclisierung von N-Phthaloyl- α -aminocarbonsäuren. <i>Angewandte Chemie</i> , 1995, 107, 498-500.	2.0	23
69	Photochemistry of MTM- and MTE-Esters of α -Phthalimido Carboxylic Acids: Macrocyclization versus Deprotection. <i>Journal of Organic Chemistry</i> , 2000, 65, 9028-9032.	3.2	23
70	Photooxygenation in polymer matrices: En route to highly active antimalarial peroxides. <i>Pure and Applied Chemistry</i> , 2005, 77, 1059-1074.	1.9	23
71	A New Directing Mode for Singlet Oxygen Ene Reactions: The Vinylogous Gem Effect Enables a $1,2$ -Domino Ene/[4 + 2] Process. <i>Organic Letters</i> , 2013, 15, 2073-2075.	4.6	23
72	Photoinduced electron-transfer chemistry of the bielectrophoric N-phthaloyl derivatives of the amino acids tyrosine, histidine and tryptophan. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 518-524.	2.2	22

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73	Stereoselectivity in the PaternÅ-BÅchi reaction of 2,2-diisopropyl-1,3-dioxol with methyl trimethylpyruvate. <i>Tetrahedron Letters</i> , 1996, 37, 1195-1196.	1.4	21
74	Functionalized polar 1,2,4-trioxanes as building blocks by singlet oxygenation of 4-hydroxy tiglic acid using the solvent deuterium isotope trick. <i>RSC Advances</i> , 2013, 3, 7265.	3.6	20
75	Hydrogen bonding in phthalimido carboxylic acids: cyclic voltammetric study and correlation with photochemical reactivity. Part 2.1 Aliphatic and aromatic acids Electronic supplementary information (ESI) available: X-ray crystallographic data and cyclic voltammograms. See http://www.rsc.org/suppdata/p2/b1/b105860f/ . <i>Perkin Transactions II RSC</i> , 2002, , 676-686.	1.1	19
76	Think and Print: 3D Printing of Chemical Experiments. <i>Journal of Chemical Education</i> , 2020, 97, 3683-3689.	2.3	19
77	A photochemical route to vinylglycine and a vinylglycine dipeptide. <i>Liebigs Annalen</i> , 1995, 1995, 1957-1961.	0.8	18
78	Regio- and diastereoselective formation of 1,2-azidohydroperoxides by photooxygenation of alkenes in the presence of azide anions. <i>Tetrahedron Letters</i> , 1996, 37, 8367-8370.	1.4	18
79	Stereoselective Yang cyclizations of Î±-amido ketones. <i>Chemical Communications</i> , 1999, , 1109-1110.	4.1	18
80	Substantial 2H-Magnetic Isotope Effects on the Diastereoselectivity of Triplet Photocycloaddition Reactions. <i>Journal of the American Chemical Society</i> , 2003, 125, 9016-9017.	13.7	18
81	Aromatic aldols and 1,5-diketones as optimized fragrance photocages. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 587-592.	2.9	18
82	Stereoselectivity in Ene Reactions with 1O2: Matrix Effects in Polymer Supports, Photo-oxygenation of Organic Salts and Asymmetric Synthesis. <i>Photochemistry and Photobiology</i> , 2006, 82, 1233.	2.5	17
83	Diastereoselective Photochemical Synthesis of Î±-Amino-Î²-hydroxyketones by Photocycloaddition of Carbonyl Compounds to 2,5-Dimethyl-4-isobutyloxazole. <i>Monatshefte FÅr Chemie</i> , 2006, 137, 765-777.	1.8	17
84	Î±-Carbonyl Substituent Effect on the Lifetimes of Triplet 1,4-Biradicals from Norrish-Type-II Reactions. <i>Chemistry - A European Journal</i> , 2006, 12, 4662-4667.	3.3	17
85	Photoinduced azidohydroperoxidation of myrtenyl hydroperoxide with semiconductor particles and lucigenin as PET-catalysts. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 775-778.	2.9	17
86	Elektrochemilumineszenz- und Bioassays kÅnnen Fluoreszenzassays mithilfe eines wasserlÅslichen Luminolderivats Åbertreffen. <i>Angewandte Chemie</i> , 2018, 130, 414-418.	2.0	17
87	Stereo- and spinselectivity of primary (singlet) and secondary (triplet) Norrish type II reactions. <i>Tetrahedron Letters</i> , 1998, 39, 1549-1552.	1.4	16
88	Photoinduced Electron-Transfer Reactions with Quinolinic and Trimellitic Acid Imides: Å Experiments and Spin Density Calculations. <i>Journal of Organic Chemistry</i> , 2000, 65, 7151-7157.	3.2	16
89	Azidohydroperoxidation of pinenes: stereoselectivity pattern and the first X-ray structure of a 2-azidohydroperoxide. <i>Chemical Communications</i> , 2000, , 2205-2206.	4.1	16
90	Spiro-fused and Annulated 1,2,4-Å-trioxepane-Å, 1,2,4-Å-trioxocane-Å, and 1,2,4-Å-trioxonane-Å-Cyclohexadienones: Cyclic Peroxides with Unusual Ring Conformation Dynamics. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13770-13774.	13.8	15

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91	Hydrogen Peroxide Sensors Based on Fluorescence Quenching of the 2-Aminobenzimidazole Fluorophore. <i>Journal of Organic Chemistry</i> , 2019, 84, 15972-15977.	3.2	15
92	Photooxygenation of 2,4-Dimethyl-1,3-pentadiene: Solvent Dependence of the Chemical (Ene Reaction) Tj ETQq0 0 0 rgBT /Overlock 10 <i>Chemistry</i> , 1998, 1998, 2833-2838.	2.4	14
93	Photo aldol reactions with 5-methoxyoxazoles: Highly regio- and diastereoselective synthesis of β -amino β -hydroxy carboxylic acid derivatives. <i>Canadian Journal of Chemistry</i> , 2003, 81, 555-559.	1.1	14
94	Peroxide Dyads from Natural Artemisinin and Synthetic Perorthoesters and Endoperoxides. <i>Synlett</i> , 2009, 2009, 1514-1516.	1.8	14
95	Synthesis of spiroannulated and 3-arylated 1,2,4-trioxanes from mesityl and methyl 4-hydroxytiglate by photooxygenation and peroxyacetalization. <i>Beilstein Journal of Organic Chemistry</i> , 2010, 6, 61.	2.2	14
96	5-Adamantylated 1,2,4-Trioxanes: Adamantane Position is Crucial for Antiparasitic Activity. <i>Synlett</i> , 2011, 2011, 2430-2432.	1.8	14
97	Comparison of the singlet oxygen ene reactions of cyclic versus acyclic β^2, β^3 -unsaturated ketones: an experimental and computational study. <i>Tetrahedron Letters</i> , 2013, 54, 2938-2941.	1.4	14
98	Tetraphenylporphyrin-catalyzed Tandem Photooxygenation of Polyenes and 1,4-dienes: Multiple and Diverse Oxyfunctionalizations. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2839-2845.	4.3	14
99	Photodecarboxylation of Adamantane Amino Acids Activated by Phthalimide. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4404-4414.	2.4	14
100	From 3D to 4D printing: a reactor for photochemical experiments using hybrid polyurethane acrylates for vat-based polymerization and surface functionalization. <i>Chemical Communications</i> , 2020, 56, 15161-15164.	4.1	14
101	Type II photooxygenation in polymer matrices for the synthesis of new antimalarial peroxides. <i>Journal of Molecular Catalysis A</i> , 2006, 251, 41-48.	4.8	13
102	Colorimetric detection of achiral anions and chiral carboxylates by a chiral thiourea-phthalimide dyad. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 1385.	2.9	13
103	Multidimensional monitoring of anaerobic/aerobic azo dye based wastewater treatments by hyphenated UPLC-ICP-MS/ESI-Q-TOF-MS techniques. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10929-10938.	5.3	13
104	New phthalimide-methionine dyad-based fluorescence probes for reactive oxygen species: Singlet oxygen, hydrogen peroxide, and hypochlorite. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3741.	1.9	13
105	Photocycloaddition of 5-Methoxyoxazoles to Aldehydes and α -Keto Esters: A Comprehensive View on Stereoselectivity, Triplet Biradical Conformations, and Synthetic Applications of Patern-Buchi Adducts. <i>Australian Journal of Chemistry</i> , 2008, 61, 573.	0.9	12
106	Decarboxylative photorelease coupled with fluorescent up/down reporter function based on the aminophthalimide-serine system. <i>Chemical Communications</i> , 2010, 46, 3747.	4.1	12
107	Sweet chiral porphyrins as singlet oxygen sensitizers for asymmetric Type II photooxygenation. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1431.	2.9	12
108	Intermolecular photodecarboxylation of electron-deficient substrates by phthalimides in water: efficiency, selectivity and online monitoring. <i>Green Chemistry</i> , 2012, 14, 3004.	9.0	12

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109	Azide/oxygen photocatalysis with homogeneous and heterogeneous photocatalysts for 1,2-aminohydroxylation of acyclic/cyclic alkenes and Michael acceptors. <i>Research on Chemical Intermediates</i> , 2013, 39, 33-42.	2.7	12
110	Photocyclization of N,N-phthaloylanthranilic amides coupled to α -amino acids with increasing chain lengths. <i>Photochemical and Photobiological Sciences</i> , 2002, 1, 237-239.	2.9	11
111	Synthetic Approaches to Polar Antimalarial 1,2,4-Trioxanes from C5-Aldehyde and Ipsdienol. <i>Letters in Organic Chemistry</i> , 2006, 3, 247-249.	0.5	11
112	Model Studies on Peroxidic Glutathione Transferase (GST) Inhibitors: C5-Methylated 1,2,4-Trioxanes with C6-Acrylate Side Chains. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4349-4352.	2.4	11
113	The Same and Not the Same: Chirality, Topicity, and Memory of Chirality. <i>Journal of Chemical Education</i> , 2008, 85, 701.	2.3	10
114	Singlet oxygen addition to homoallylic substrates in solution and microemulsion: novel secondary reactions. <i>Tetrahedron Letters</i> , 2009, 50, 121-123.	1.4	10
115	On the Photophysical Properties of New Luminol Derivatives and their Synthetic Phthalimide Precursors. <i>Journal of Fluorescence</i> , 2010, 20, 657-664.	2.5	10
116	Synthesis of 3-Benzylated Isoindolinones by Photoredox Decarboxylation of Arylacetates in the Presence of <i>N</i> -Benzylphthalimide: Conductivity as a Kinetic Tool. <i>ChemPhotoChem</i> , 2017, 1, 355-362.	3.0	10
117	Singlet Oxygen Photooxygenation in Water/Pluronic F127 Hydrogels: Increased Reaction Efficiency Coupled with a Switch in Regioselectivity. <i>Chemistry - A European Journal</i> , 2012, 18, 16161-16165.	3.3	9
118	Computational study on fluoride recognition by an urea-activated phthalimide chemosensor. <i>Tetrahedron</i> , 2012, 68, 5724-5729.	1.9	9
119	Singlet oxygen and natural substrates: functional polyunsaturated models for the photooxidative degradation of carotenoids. <i>Pure and Applied Chemistry</i> , 2015, 87, 639-647.	1.9	9
120	Combined Photoredox and Lewis Acid Catalyzed α -Hydroxyalkylation of Cyclic Ethers with Aromatic Ketones. <i>Journal of Organic Chemistry</i> , 2016, 81, 7211-7216.	3.2	9
121	Strong Asymmetry in the Peroxide Bifurcation Mechanism: The Large-Group Effect in the Singlet Oxygen Ene Reaction with Allylic Alcohols. <i>ChemPhotoChem</i> , 2017, 1, 213-221.	3.0	9
122	Synthetic Approaches to Mono- and Bicyclic Perortho-Esters with a Central 1,2,4-Trioxane Ring as the Privileged Lead Structure in Antimalarial and Antitumor-Active Peroxides and Clarification of the Peroxide Relevance. <i>Molecules</i> , 2017, 22, 119.	3.8	9
123	Chapter 19. Singlet Oxygen as a Reagent in Organic Synthesis. <i>Comprehensive Series in Photochemical and Photobiological Sciences</i> , 2016, , 369-392.	0.3	9
124	Spin-dependent diastereoselectivity in the photocycloaddition of aldehydes to 2,2-dimethyl-2,3-dihydrofuran. <i>International Journal of Photoenergy</i> , 2005, 7, 23-25.	2.5	8
125	Intramolecular [2+ 2] Cycloadditions of 2,2-Bis(1-arylviny)-Substituted Biphenyls Induced by Photo Electron Transfer. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 2300-2301.	4.4	7
126	Stereoselective Yang Reactions: a Three-Stage Selection Model#. <i>Research on Chemical Intermediates</i> , 1999, 25, 599-608.	2.7	7

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127	On the large apparent Stokes shift of phthalimides. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 4839-4853.	2.8	7
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