Georg Manolikakes

List of Publications by Year
in descending order

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79 papers	3,479 citations	126907 33 h-index	144013 57 g-index
116 all docs	116 docs citations	116 times ranked	2564 citing authors

#	Article	IF	Citations
1	Recent Advances in the Synthesis of Sulfones. Synthesis, 2016, 48, 1939-1973.	2.3	247
2	Radicals and Sulfur Dioxide: A Versatile Combination for the Construction of Sulfonylâ€Containing Molecules. Chemistry - A European Journal, 2018, 24, 11852-11863.	3.3	217
3	Radical Catalysis of Kumada Crossâ€Coupling Reactions Using Functionalized Grignard Reagents. Angewandte Chemie - International Edition, 2009, 48, 205-209.	13.8	155
4	Metal-Free Synthesis of Diaryl Sulfones from Arylsulfinic Acid Salts and Diaryliodonium Salts. Organic Letters, 2013, 15, 188-191.	4.6	148
5	MgCl₂â€Accelerated Addition of Functionalized Organozinc Reagents to Aldehydes, Ketones, and Carbon Dioxide. Angewandte Chemie - International Edition, 2010, 49, 4665-4668.	13.8	139
6	Synthesis of sulfones via selective Câ€“H-functionalization. Organic and Biomolecular Chemistry, 2017, 15, 1947-1955.	2.8	122
7	An Efficient Silane-Promoted Nickel-Catalyzed Amination of Aryl and Heteroaryl Chlorides. Journal of Organic Chemistry, 2008, 73, 1429-1434.	3.2	118
8	Visibleâ€Light Photoredoxâ€Catalyzed Aminosulfonylation of Diaryliodonium Salts with Sulfur Dioxide and Hydrazines. Advanced Synthesis and Catalysis, 2017, 359, 1308-1319.	4.3	118
9	Negishi Cross-Couplings of Unsaturated Halides Bearing Relatively Acidic Hydrogen Atoms with Organozinc Reagents. Organic Letters, 2008, 10, 2765-2768.	4.6	115
10	Scalable Synthesis of Cortistatin A and Related Structures. Journal of the American Chemical Society, 2011, 133, 8014-8027.	13.7	115
11	Palladium- and Nickel-Catalyzed Cross-Couplings of Unsaturated Halides Bearing Relatively Acidic Protons with Organozinc Reagents. Journal of Organic Chemistry, 2008, 73, 8422-8436.	3.2	100
12	Preparation of Solid Saltâ€Stabilized Functionalized Organozinc Compounds and their Application to Crossâ€Coupling and Carbonyl Addition Reactions. Angewandte Chemie - International Edition, 2011, 50, 9205-9209.	13.8	95
13	Visible-light mediated 3-component synthesis of sulfonylated coumarins from sulfur dioxide. Green Chemistry, 2018, 20, 3059-3070.	9.0	89
14	Copperâ€Catalyzed Remote paraâ€Câˆ’H Functionalization of Anilines with Sodium and Lithium Sulfinates. Chemistry - A European Journal, 2017, 23, 96-100.	3.3	82
15	Visible-Light Photoredox/Nickel Dual Catalysis for the Cross-Coupling of Sulfinic Acid Salts with Aryl Iodides. Organic Letters, 2018, 20, 760-763.	4.6	75
16	Negishi Crossâ€Couplings Compatible with Unprotected Amide Functions. Chemistry - A European Journal, 2009, 15, 1324-1328.	3.3	69
17	Copperâ€Catalyzed Remote Câˆ’H Functionalization of 8â€Aminoquinolines with Sodium and Lithium Sulfinates. Advanced Synthesis and Catalysis, 2016, 358, 2371-2378.	4.3	67
18	Recent Advances in the Synthesis and Direct Application of Sulfinate Salts. European Journal of Organic Chemistry, 2020, 2020, 4664-4676.	2.4	65

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19	Efficient Cross-Coupling of Functionalized Arylzinc Halides Catalyzed by a Nickel Chlorideâ"Diethyl Phosphite System. Organic Letters, 2005, 7, 4871-4874.	4.6	62
20	An efficient Negishi cross-coupling reaction catalyzed by nickel(II) and diethyl phosphite. Tetrahedron, 2006, 62, 7521-7533.	1.9	62
21	Arylation of Lithium Sulfinates with Diaryliodonium Salts: A Direct and Versatile Access to Arylsulfones. Organic Letters, 2013, 15, 4972-4975.	4.6	62
22	Recent Progress and Emerging Technologies towards a Sustainable Synthesis of Sulfones. ChemSusChem, 2021, 14, 4878-4902.	6.8	56
23	Advances in photochemical and electrochemical incorporation of sulfur dioxide for the synthesis of value-added compounds. Chemical Communications, 2021, 57, 8236-8249.	4.1	56
24	One-Pot Synthesis of Aryl Sulfones from Organometallic Reagents and Iodonium Salts. Journal of Organic Chemistry, 2015, 80, 2582-2600.	3.2	52
25	Functionalization of heterocyclic compounds using polyfunctional magnesium and zinc reagents. Beilstein Journal of Organic Chemistry, 2011, 7, 1261-1277.	2.2	49
26	Copperâ€Mediated Sulfonylation of Aryl C(sp²)ï£¿H Bonds with Sodium and Lithium Sulfinates. Advanced Synthesis and Catalysis, 2016, 358, 159-163.	4.3	48
27	Palladium-Catalyzed Enantioselective Three-Component Synthesis of Î±-Substituted Amines. Organic Letters, 2015, 17, 3162-3165.	4.6	46
28	A Lewis Acid Palladium(II)-Catalyzed Three-Component Synthesis of Î±-Substituted Amides. Organic Letters, 2013, 15, 6046-6049.	4.6	42
29	Nickelâ€Catalyzed Synthesis of Diaryl Sulfones from Aryl Halides and Sodium Sulfinates. European Journal of Organic Chemistry, 2018, 2018, 1208-1210.	2.4	41
30	Palladium-Catalyzed Enantioselective Three-Component Synthesis of Î±-Arylglycines. Organic Letters, 2016, 18, 4116-4119.	4.6	39
31	Structureâ€"Reactivity Relationships in Negishi Crossâ€Coupling Reactions. Chemistry - A European Journal, 2010, 16, 248-253.	3.3	36
32	Preparation of Primary Amides from Functionalized Organozinc Halides. Organic Letters, 2010, 12, 3648-3650.	4.6	35
33	Cytoprotective and antioxidant properties of organic selenides for the myelin-forming cells, oligodendrocytes. Bioorganic Chemistry, 2018, 80, 43-56.	4.1	35
34	A General Preparation of Polyfunctional Benzylic Zinc Organometallic Compounds. Chemistry - an Asian Journal, 2008, 3, 1678-1691.	3.3	34
35	Bi(OTf)₃-Catalyzed Multicomponent Î±-Amidoalkylation Reactions. Journal of Organic Chemistry, 2015, 80, 6193-6212.	3.2	34
36	The Emerging Therapeutic Potential of Nitro Fatty Acids and Other Michael Acceptor-Containing Drugs for the Treatment of Inflammation and Cancer. Frontiers in Pharmacology, 2020, 11, 1297.	3.5	26

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37	Visibleâ€Lightâ€Induced 3â€Component Synthesis of Sulfonylated Oxindoles by Fixation of Sulfur Dioxide. European Journal of Organic Chemistry, 2018, 2018, 5725-5734.	2.4	25
38	Ironâ€Catalyzed Threeâ€Component Synthesis of Î±â€Amino Acid Derivatives. European Journal of Organic Chemistry, 2013, 2013, 7471-7475.	2.4	23
39	Nickelâ€Catalyzed Synthesis of Enamides and Enecarbamates via Isomerization of Allylamides and Allylcarbamates. Advanced Synthesis and Catalysis, 2015, 357, 3321-3324.	4.3	23
40	Manganese(<scp>iii</scp>) acetate-mediated direct C(sp²)â€“H-sulfonylation of enamides with sodium and lithium sulfinates. Organic and Biomolecular Chemistry, 2019, 17, 5538-5544.	2.8	23
41	Synthesis of Nâ€Acylâ€N,Oâ€acetals from Aldehydes, Amides and Alcohols. European Journal of Organic Chemistry, 2015, 2015, 4624-4627.	2.4	22
42	Iron(III)-Mediated Oxysulfonylation of Enamides with Sodium and Lithium Sulfinates. Journal of Organic Chemistry, 2020, 85, 3617-3637.	3.2	21
43	Enhancing the chemosensitivity of HepG2 cells towards cisplatin by organoselenium pseudopeptides. Bioorganic Chemistry, 2021, 109, 104713.	4.1	19
44	Urea-functionalized organoselenium compounds as promising anti-HepG2 and apoptosis-inducing agents. Future Medicinal Chemistry, 2021, 13, 1655-1677.	2.3	19
45	Modular Two-Step Approach for the Stereodivergent Synthesis of 1,3-Diamines with Three Continuous Stereocenters. Organic Letters, 2017, 19, 674-677.	4.6	18
46	Michael acceptor containing drugs are a novel class of 5-lipoxygenase inhibitor targeting the surface cysteines C416 and C418. Biochemical Pharmacology, 2017, 125, 55-74.	4.4	18
47	Anti-inflammatory nitro-fatty acids suppress tumor growth by triggering mitochondrial dysfunction and activation of the intrinsic apoptotic pathway in colorectal cancer cells. Biochemical Pharmacology, 2018, 155, 48-60.	4.4	18
48	Manganese(III) Acetate Mediated Câ€“H Sulfonylation of 1,4â€Dimethoxybenzenes with Sodium and Lithium Sulfinates. European Journal of Organic Chemistry, 2017, 2017, 4117-4120.	2.4	17
49	Bi(OTf)3-catalyzed three-component synthesis of Î±-amino acid derivatives. Organic and Biomolecular Chemistry, 2014, 12, 2356-2359.	2.8	16
50	Stereoselective One-Pot Synthesis of Dihydropyrimido[2,1-a]isoindole-6(2H)-ones. Organic Letters, 2018, 20, 178-181.	4.6	14
51	Bi(OTf)₃-Catalyzed Diastereoselective One-Pot Synthesis of 1,3-Diamines with Three Continuous Stereogenic Centers. Journal of Organic Chemistry, 2018, 83, 12007-12022.	3.2	14
52	Sulfonamides as Amine Component in the Petasis-Borono Mannich Reaction: A Concise Synthesis of Î±-Aryl- and Î±-Alkenylglycine DerivativesÂ. Synthesis, 2018, 50, 3936-3946.	2.3	14
53	Direct Câ€“H-sulfonylation of 6-membered nitrogen-heteroaromatics. , 2022, 1, 100003.		14
54	An Enamideâ€Based Domino Reaction for a Highly Stereoselective Synthesis of Tetrahydropyrans. Angewandte Chemie - International Edition, 2019, 58, 13056-13059.	13.8	13

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55	Rapid Assembly of Molecular Complexity from Simple Enamides. Synlett, 2020, 31, 1027-1032.	1.8	12
56	Modular Regiospecific Synthesis of Nitrated Fatty Acids. Synthesis, 2017, 49, 615-636.	2.3	11
57	Recent Advances in the Synthesis of Câ€“S Bonds via Metal-Catalyzed or -Mediated Functionalization of Câ€“H Bonds. Advances in Organometallic Chemistry, 2018, 69, 135-207.	1.0	11
58	3-Component synthesis of Î±-substituted sulfonamides via BrÃ¸nsted acid-catalyzed C(sp³)â€“H bond functionalization of 2-alkylazaarenes. Organic and Biomolecular Chemistry, 2016, 14, 5525-5528.	2.8	10
59	Nickel-Catalyzed Cross-Coupling Reactions of Aryltitanium(IV) Alkoxides with Aryl Halides. Synlett, 2007, 2007, 2077-2080.	1.8	8
60	Bi(OTf)3-Catalyzed Three-Component Synthesis of Amidomethylarenes and -Heteroarenes. Synlett, 2013, 24, 2057-2060.	1.8	7
61	A Palladium-Catalyzed Three-Component Synthesis of Arylmethylsulfonamides. Synthesis, 2016, 48, 379-386.	2.3	7
62	Palladiumâ€Catalyzed Decarboxylative Threeâ€Component Synthesis of Î±â€Arylglycines: Replacing Boronic with Carboxylic Acids in the Petasis Reaction. ChemCatChem, 2020, 12, 3463-3466.	3.7	7
63	Catalyst-free direct synthesis of Î²-enaminones through reaction of benzohydrazonamides with cyclic 1,3-diketones: Access to exocyclic Î²-enaminones. Synthetic Communications, 2019, 49, 3161-3168.	2.1	6
64	Streamlined Oneâ€Pot Synthesis of Nitro Fatty Acids. European Journal of Organic Chemistry, 2021, 2021, 2239-2252.	2.4	5
65	Oxyenamides as Versatile Building Blocks for a Highly Stereoselective Oneâ€Pot Synthesis of the 1,3â€Diaminoâ€2â€olâ€Scaffold Containing Three Continuous Stereocenters. Angewandte Chemie - International Edition, 2021, 60, 23667-23671.	13.8	5
66	Structural Modifications Yield Novel Insights Into the Intriguing Pharmacodynamic Potential of Anti-inflammatory Nitro-Fatty Acids. Frontiers in Pharmacology, 2021, 12, 715076.	3.5	5
67	Bismuth- and Iron-Catalyzed Three-Component Synthesis of Î±-Amino Acid Derivatives: A Simple and Convenient Route to Î±-Arylglycines. Synthesis, 2017, 49, 849-879.	2.3	4
68	An Enamideâ€Based Domino Reaction for a Highly Stereoselective Synthesis of Tetrahydropyrans. Angewandte Chemie, 2019, 131, 13190-13193.	2.0	4
69	Wenn LÃ¶cher Bindungen stÃ¤rken: die HalogenbrÃ¼cken. Nachrichten Aus Der Chemie, 2016, 64, 131-134.	0.0	3
70	Synthesis of Nitroolefins via the Direct Nitration of Alkenes. SynOpen, 2021, 05, 229-231.	1.7	3
71	Palladiumâ€Catalyzed Decarboxylative 1,2â€Addition of Carboxylic Acids to Glyoxylic Acid Esters. European Journal of Organic Chemistry, 2021, 2021, 6340-6346.	2.4	2
72	Oxyenamide als vielseitige Bausteine fÃ¼r eine hochgradig stereoselektive Eintopfâ€Synthese der 1,3â€Diaminoâ€2â€olâ€Einheit mit drei fortlaufenden Stereozentren. Angewandte Chemie, 2021, 133, 23859.	2.0	2

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73	Palladium-Catalyzed Cross-Couplings of Unsaturated Halides Bearing Relatively Acidic Hydrogen Atoms with Organozinc Reagents. Synthesis, 2009, 2009, 681-686.	2.3	1
74	Totalsynthese von Strictamin. Nachrichten Aus Der Chemie, 2016, 64, 747-750.	0.0	1
75	Katalytische C-H-Aktivierungen. Nachrichten Aus Der Chemie, 2016, 64, 519-522.	0.0	0
76	Zwei-Photonen-Absorption auf Umwegen. Nachrichten Aus Der Chemie, 2016, 64, 851-854.	0.0	0
77	Nickelkatalyse offenbart neue ReaktivitÃten. Nachrichten Aus Der Chemie, 2016, 64, 1060-1064.	0.0	0
78	Frontispiece: Radicals and Sulfur Dioxide: A Versatile Combination for the Construction of Sulfonylâ€Containing Molecules. Chemistry - A European Journal, 2018, 24, .	3.3	0
79	Electron diffraction tomography and X-ray powder diffraction on photoredox catalyst PDI. CrystEngComm, 2019, 21, 2571-2575.	2.6	0