

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	Direct C-H-sulfonylation of 6-membered nitrogen-heteroaromatics. , 2022, 1, 100003.		14
2	Streamlined One-Pot Synthesis of Nitro Fatty Acids. European Journal of Organic Chemistry, 2021, 2021, 2239-2252.	2.4	5
3	Enhancing the chemosensitivity of HepG2 cells towards cisplatin by organoselenium pseudopeptides. Bioorganic Chemistry, 2021, 109, 104713.	4.1	19
4	Synthesis of Nitroolefins via the Direct Nitration of Alkenes. SynOpen, 2021, 05, 229-231.	1.7	3
5	Recent Progress and Emerging Technologies towards a Sustainable Synthesis of Sulfones. ChemSusChem, 2021, 14, 4878-4902.	6.8	56
6	Palladium-Catalyzed Decarboxylative 1,2-Addition of Carboxylic Acids to Glyoxylic Acid Esters. European Journal of Organic Chemistry, 2021, 2021, 6340-6346.	2.4	2
7	Oxyenamide als vielseitige Bausteine für eine hochgradig stereoselektive Eintopf-Synthese der 1,3-Diamino-2-ol-Einheit mit drei fortlaufenden Stereozentren. Angewandte Chemie, 2021, 133, 23859.	2.0	2
8	Oxyenamides as Versatile Building Blocks for a Highly Stereoselective One-Pot Synthesis of the 1,3-Diamino-2-ol Scaffold Containing Three Continuous Stereocenters. Angewandte Chemie - International Edition, 2021, 60, 23667-23671.	13.8	5
9	Urea-functionalized organoselenium compounds as promising anti-HepG2 and apoptosis-inducing agents. Future Medicinal Chemistry, 2021, 13, 1655-1677.	2.3	19
10	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
11	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
12	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
13	Iron(III)-Mediated Oxysulfonylation of Enamides with Sodium and Lithium Sulfinates. Journal of Organic Chemistry, 2020, 85, 3617-3637.	3.2	21
14	Rapid Assembly of Molecular Complexity from Simple Enamides. Synlett, 2020, 31, 1027-1032.	1.8	12
15	Recent Advances in the Synthesis and Direct Application of Sulfinato Salts. European Journal of Organic Chemistry, 2020, 2020, 4664-4676.	2.4	65
16	Palladium-Catalyzed Decarboxylative Three-Component Synthesis of α -Arylglycines: Replacing Boronic with Carboxylic Acids in the Petasis Reaction. ChemCatChem, 2020, 12, 3463-3466.	3.7	7
17	An Enamide-Based Domino Reaction for a Highly Stereoselective Synthesis of Tetrahydropyrans. Angewandte Chemie - International Edition, 2019, 58, 13056-13059.	13.8	13
18	An Enamide-Based Domino Reaction for a Highly Stereoselective Synthesis of Tetrahydropyrans. Angewandte Chemie, 2019, 131, 13190-13193.	2.0	4

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19	Catalyst-free direct synthesis of $\hat{\text{I}}^2$ -enaminones through reaction of benzohydrazoneamides with cyclic 1,3-diketones: Access to exocyclic $\hat{\text{I}}^2$ -enaminones. <i>Synthetic Communications</i> , 2019, 49, 3161-3168.	2.1	6
20	Manganese(scp) acetate-mediated direct C(sp ²) $\hat{\text{H}}$ -sulfonylation of enamides with sodium and lithium sulfinates. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5538-5544.	2.8	23
21	Electron diffraction tomography and X-ray powder diffraction on photoredox catalyst PDI. <i>CrystEngComm</i> , 2019, 21, 2571-2575.	2.6	0
22	Nickel $\hat{\text{C}}$ -Catalyzed Synthesis of Diaryl Sulfones from Aryl Halides and Sodium Sulfinates. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1208-1210.	2.4	41
23	Visible-Light Photoredox/Nickel Dual Catalysis for the Cross-Coupling of Sulfinic Acid Salts with Aryl Iodides. <i>Organic Letters</i> , 2018, 20, 760-763.	4.6	75
24	Stereoselective One-Pot Synthesis of Dihydropyrimido[2,1- <i>a</i>]isoindole-6(2- <i>H</i>)-ones. <i>Organic Letters</i> , 2018, 20, 178-181.	4.6	14
25	Radicals and Sulfur Dioxide: A Versatile Combination for the Construction of Sulfonyl $\hat{\text{C}}$ -Containing Molecules. <i>Chemistry - A European Journal</i> , 2018, 24, 11852-11863.	3.3	217
26	Bi(OTf) ₃ -Catalyzed Diastereoselective One-Pot Synthesis of 1,3-Diamines with Three Continuous Stereogenic Centers. <i>Journal of Organic Chemistry</i> , 2018, 83, 12007-12022.	3.2	14
27	Visible $\hat{\text{L}}$ Light $\hat{\text{C}}$ Induced 3 $\hat{\text{C}}$ -Component Synthesis of Sulfonylated Oxindoles by Fixation of Sulfur Dioxide. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5725-5734.	2.4	25
28	Cytoprotective and antioxidant properties of organic selenides for the myelin-forming cells, oligodendrocytes. <i>Bioorganic Chemistry</i> , 2018, 80, 43-56.	4.1	35
29	Sulfonamides as Amine Component in the Petasis-Borono Mannich Reaction: A Concise Synthesis of $\hat{\text{I}}^{\pm}$ -Aryl- and $\hat{\text{I}}^{\pm}$ -Alkenylglycine Derivatives. <i>Synthesis</i> , 2018, 50, 3936-3946.	2.3	14
30	Frontispiece: Radicals and Sulfur Dioxide: A Versatile Combination for the Construction of Sulfonyl $\hat{\text{C}}$ -Containing Molecules. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0
31	Visible-light mediated 3-component synthesis of sulfonylated coumarins from sulfur dioxide. <i>Green Chemistry</i> , 2018, 20, 3059-3070.	9.0	89
32	Anti-inflammatory nitro-fatty acids suppress tumor growth by triggering mitochondrial dysfunction and activation of the intrinsic apoptotic pathway in colorectal cancer cells. <i>Biochemical Pharmacology</i> , 2018, 155, 48-60.	4.4	18
33	Recent Advances in the Synthesis of C $\hat{\text{C}}$ -S Bonds via Metal-Catalyzed or -Mediated Functionalization of C $\hat{\text{C}}$ -H Bonds. <i>Advances in Organometallic Chemistry</i> , 2018, 69, 135-207.	1.0	11
34	Modular Two-Step Approach for the Stereodivergent Synthesis of 1,3-Diamines with Three Continuous Stereocenters. <i>Organic Letters</i> , 2017, 19, 674-677.	4.6	18
35	Synthesis of sulfones via selective C $\hat{\text{C}}$ -H-functionalization. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1947-1955.	2.8	122
36	Visible $\hat{\text{L}}$ Light Photoredox $\hat{\text{C}}$ -Catalyzed Aminosulfonylation of Diaryliodonium Salts with Sulfur Dioxide and Hydrazines. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1308-1319.	4.3	118

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37	Manganese(III) Acetate Mediated C-H Sulfonylation of 1,4-Dimethoxybenzenes with Sodium and Lithium Sulfinates. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4117-4120.	2.4	17
38	Copper-Catalyzed Remote C-H Functionalization of Anilines with Sodium and Lithium Sulfinates. <i>Chemistry - A European Journal</i> , 2017, 23, 96-100.	3.3	82
39	Michael acceptor containing drugs are a novel class of 5-lipoxygenase inhibitor targeting the surface cysteines C416 and C418. <i>Biochemical Pharmacology</i> , 2017, 125, 55-74.	4.4	18
40	Bismuth- and Iron-Catalyzed Three-Component Synthesis of α -Amino Acid Derivatives: A Simple and Convenient Route to α -Arylglycines. <i>Synthesis</i> , 2017, 49, 849-879.	2.3	4
41	Modular Regiospecific Synthesis of Nitrated Fatty Acids. <i>Synthesis</i> , 2017, 49, 615-636.	2.3	11
42	Wenn L�cher Bindungen st�rken: die Halogenbr�cken. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 131-134.	0.0	3
43	Katalytische C-H-Aktivierungen. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 519-522.	0.0	0
44	Zwei-Photonen-Absorption auf Umwegen. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 851-854.	0.0	0
45	Palladium-Catalyzed Enantioselective Three-Component Synthesis of α -Arylglycines. <i>Organic Letters</i> , 2016, 18, 4116-4119.	4.6	39
46	Copper-Catalyzed Remote C-H Functionalization of α -Aminoquinolines with Sodium and Lithium Sulfinates. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2371-2378.	4.3	67
47	Totalsynthese von Strictamin. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 747-750.	0.0	1
48	Nickelkatalyse offenbart neue Reaktivit�ten. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 1060-1064.	0.0	0
49	Recent Advances in the Synthesis of Sulfones. <i>Synthesis</i> , 2016, 48, 1939-1973.	2.3	247
50	A Palladium-Catalyzed Three-Component Synthesis of Arylmethylsulfonamides. <i>Synthesis</i> , 2016, 48, 379-386.	2.3	7
51	Copper-Mediated Sulfonylation of Aryl C(sp ²)-H Bonds with Sodium and Lithium Sulfinates. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 159-163.	4.3	48
52	3-Component synthesis of α -substituted sulfonamides via Br�nsted acid-catalyzed C(sp ³)-H bond functionalization of 2-alkylazaarenes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5525-5528.	2.8	10
53	Nickel-Catalyzed Synthesis of Enamides and Enecarbamates <i>via</i> Isomerization of Allylamides and Allylcarbamates. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3321-3324.	4.3	23
54	Synthesis of α -Acyl- α -acetals from Aldehydes, Amides and Alcohols. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4624-4627.	2.4	22

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55	Palladium-Catalyzed Enantioselective Three-Component Synthesis of $\hat{\pm}$ -Substituted Amines. <i>Organic Letters</i> , 2015, 17, 3162-3165.	4.6	46
56	Bi(OTf) ₃ -Catalyzed Multicomponent $\hat{\pm}$ -Amidoalkylation Reactions. <i>Journal of Organic Chemistry</i> , 2015, 80, 6193-6212.	3.2	34
57	One-Pot Synthesis of Aryl Sulfones from Organometallic Reagents and Iodonium Salts. <i>Journal of Organic Chemistry</i> , 2015, 80, 2582-2600.	3.2	52
58	Bi(OTf) ₃ -catalyzed three-component synthesis of $\hat{\pm}$ -amino acid derivatives. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2356-2359.	2.8	16
59	Iron-Catalyzed Three-Component Synthesis of $\hat{\pm}$ -Amino Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7471-7475.	2.4	23
60	A Lewis Acid Palladium(II)-Catalyzed Three-Component Synthesis of $\hat{\pm}$ -Substituted Amides. <i>Organic Letters</i> , 2013, 15, 6046-6049.	4.6	42
61	Arylation of Lithium Sulfinates with Diaryliodonium Salts: A Direct and Versatile Access to Arylsulfones. <i>Organic Letters</i> , 2013, 15, 4972-4975.	4.6	62
62	Metal-Free Synthesis of Diaryl Sulfones from Arylsulfinic Acid Salts and Diaryliodonium Salts. <i>Organic Letters</i> , 2013, 15, 188-191.	4.6	148
63	Bi(OTf) ₃ -Catalyzed Three-Component Synthesis of Amidomethylarenes and -Heteroarenes. <i>Synlett</i> , 2013, 24, 2057-2060.	1.8	7
64	Scalable Synthesis of Cortistatin A and Related Structures. <i>Journal of the American Chemical Society</i> , 2011, 133, 8014-8027.	13.7	115
65	Preparation of Solid Salt-Stabilized Functionalized Organozinc Compounds and their Application to Cross-Coupling and Carbonyl Addition Reactions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9205-9209.	13.8	95
66	Functionalization of heterocyclic compounds using polyfunctional magnesium and zinc reagents. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 1261-1277.	2.2	49
67	Structure-Reactivity Relationships in Negishi Cross-Coupling Reactions. <i>Chemistry - A European Journal</i> , 2010, 16, 248-253.	3.3	36
68	MgCl ₂ -Accelerated Addition of Functionalized Organozinc Reagents to Aldehydes, Ketones, and Carbon Dioxide. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4665-4668.	13.8	139
69	Preparation of Primary Amides from Functionalized Organozinc Halides. <i>Organic Letters</i> , 2010, 12, 3648-3650.	4.6	35
70	Palladium-Catalyzed Cross-Couplings of Unsaturated Halides Bearing Relatively Acidic Hydrogen Atoms with Organozinc Reagents. <i>Synthesis</i> , 2009, 2009, 681-686.	2.3	1
71	Negishi Cross-Couplings Compatible with Unprotected Amide Functions. <i>Chemistry - A European Journal</i> , 2009, 15, 1324-1328.	3.3	69
72	Radical Catalysis of Kumada Cross-Coupling Reactions Using Functionalized Grignard Reagents. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 205-209.	13.8	155

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73	A General Preparation of Polyfunctional Benzylic Zinc Organometallic Compounds. Chemistry - an Asian Journal, 2008, 3, 1678-1691.	3.3	34
74	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
75	Negishi Cross-Couplings of Unsaturated Halides Bearing Relatively Acidic Hydrogen Atoms with Organozinc Reagents. Organic Letters, 2008, 10, 2765-2768.	4.6	115
76	An Efficient Silane-Promoted Nickel-Catalyzed Amination of Aryl and Heteroaryl Chlorides. Journal of Organic Chemistry, 2008, 73, 1429-1434.	3.2	118
77	Nickel-Catalyzed Cross-Coupling Reactions of Aryltitanium(IV) Alkoxides with Aryl Halides. Synlett, 2007, 2007, 2077-2080.	1.8	8
78	An efficient Negishi cross-coupling reaction catalyzed by nickel(II) and diethyl phosphite. Tetrahedron, 2006, 62, 7521-7533.	1.9	62
79	Efficient Cross-Coupling of Functionalized Arylzinc Halides Catalyzed by a Nickel Chloride~Diethyl Phosphite System. Organic Letters, 2005, 7, 4871-4874.	4.6	62