

# Georg Manolikakes

## List of Publications by Year in descending order

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79  
papers

3,479  
citations

126858

33  
h-index

143943

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. <i>Synthesis</i> , 2016, 48, 1939-1973.	1.2	247
2	Radicals and Sulfur Dioxide: A Versatile Combination for the Construction of Sulfonyl-Containing Molecules. <i>Chemistry - A European Journal</i> , 2018, 24, 11852-11863.	1.7	217
3	Radical Catalysis of Kumada Cross-Coupling Reactions Using Functionalized Grignard Reagents. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 205-209.	7.2	155
4	Metal-Free Synthesis of Diaryl Sulfones from Arylsulfinic Acid Salts and Diaryliodonium Salts. <i>Organic Letters</i> , 2013, 15, 188-191.	2.4	148
5	MgCl <sub>2</sub> -Accelerated Addition of Functionalized Organozinc Reagents to Aldehydes, Ketones, and Carbon Dioxide. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4665-4668.	7.2	139
6	Synthesis of sulfones via selective C-H-functionalization. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1947-1955.	1.5	122
7	An Efficient Silane-Promoted Nickel-Catalyzed Amination of Aryl and Heteroaryl Chlorides. <i>Journal of Organic Chemistry</i> , 2008, 73, 1429-1434.	1.7	118
8	Visible-Light Photoredox-Catalyzed Aminosulfonylation of Diaryliodonium Salts with Sulfur Dioxide and Hydrazines. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1308-1319.	2.1	118
9	Negishi Cross-Couplings of Unsaturated Halides Bearing Relatively Acidic Hydrogen Atoms with Organozinc Reagents. <i>Organic Letters</i> , 2008, 10, 2765-2768.	2.4	115
10	Scalable Synthesis of Cortistatin A and Related Structures. <i>Journal of the American Chemical Society</i> , 2011, 133, 8014-8027.	6.6	115
11	Palladium- and Nickel-Catalyzed Cross-Couplings of Unsaturated Halides Bearing Relatively Acidic Protons with Organozinc Reagents. <i>Journal of Organic Chemistry</i> , 2008, 73, 8422-8436.	1.7	100
12	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.	7.2	95
13	Visible-light mediated 3-component synthesis of sulfonylated coumarins from sulfur dioxide. <i>Green Chemistry</i> , 2018, 20, 3059-3070.	4.6	89
14	Copper-Catalyzed Remote C-H Functionalization of Anilines with Sodium and Lithium Sulfinates. <i>Chemistry - A European Journal</i> , 2017, 23, 96-100.	1.7	82
15	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.	2.4	75
16	Negishi Cross-Couplings Compatible with Unprotected Amide Functions. <i>Chemistry - A European Journal</i> , 2009, 15, 1324-1328.	1.7	69
17	Copper-Catalyzed Remote C-H Functionalization of 8-Aminoquinolines with Sodium and Lithium Sulfinates. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2371-2378.	2.1	67
18	Recent Advances in the Synthesis and Direct Application of Sulfinic Acid Salts. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4664-4676.	1.2	65

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19	Efficient Cross-Coupling of Functionalized Arylzinc Halides Catalyzed by a Nickel Chloride~Diethyl Phosphite System. <i>Organic Letters</i> , 2005, 7, 4871-4874.	2.4	62
20	An efficient Negishi cross-coupling reaction catalyzed by nickel(II) and diethyl phosphite. <i>Tetrahedron</i> , 2006, 62, 7521-7533.	1.0	62
21	Arylation of Lithium Sulfinates with Diaryliodonium Salts: A Direct and Versatile Access to Arylsulfones. <i>Organic Letters</i> , 2013, 15, 4972-4975.	2.4	62
22	Recent Progress and Emerging Technologies towards a Sustainable Synthesis of Sulfones. <i>ChemSusChem</i> , 2021, 14, 4878-4902.	3.6	56
23	Advances in photochemical and electrochemical incorporation of sulfur dioxide for the synthesis of value-added compounds. <i>Chemical Communications</i> , 2021, 57, 8236-8249.	2.2	56
24	One-Pot Synthesis of Aryl Sulfones from Organometallic Reagents and Iodonium Salts. <i>Journal of Organic Chemistry</i> , 2015, 80, 2582-2600.	1.7	52
25	Functionalization of heterocyclic compounds using polyfunctional magnesium and zinc reagents. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 1261-1277.	1.3	49
26	Copper~Mediated Sulfonylation of Aryl C(sp <sup>2</sup> )~H Bonds with Sodium and Lithium Sulfinates. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 159-163.	2.1	48
27	Palladium-Catalyzed Enantioselective Three-Component Synthesis of $\hat{\pm}$ -Substituted Amines. <i>Organic Letters</i> , 2015, 17, 3162-3165.	2.4	46
28	A Lewis Acid Palladium(II)-Catalyzed Three-Component Synthesis of $\hat{\pm}$ -Substituted Amides. <i>Organic Letters</i> , 2013, 15, 6046-6049.	2.4	42
29	Nickel~Catalyzed Synthesis of Diaryl Sulfones from Aryl Halides and Sodium Sulfinates. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1208-1210.	1.2	41
30	Palladium-Catalyzed Enantioselective Three-Component Synthesis of $\hat{\pm}$ -Arylglycines. <i>Organic Letters</i> , 2016, 18, 4116-4119.	2.4	39
31	Structure~Reactivity Relationships in Negishi Cross~Coupling Reactions. <i>Chemistry - A European Journal</i> , 2010, 16, 248-253.	1.7	36
32	Preparation of Primary Amides from Functionalized Organozinc Halides. <i>Organic Letters</i> , 2010, 12, 3648-3650.	2.4	35
33	Cytoprotective and antioxidant properties of organic selenides for the myelin-forming cells, oligodendrocytes. <i>Bioorganic Chemistry</i> , 2018, 80, 43-56.	2.0	35
34	A General Preparation of Polyfunctional Benzylic Zinc Organometallic Compounds. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1678-1691.	1.7	34
35	Bi(OTf) <sub>3</sub> -Catalyzed Multicomponent $\hat{\pm}$ -Amidoalkylation Reactions. <i>Journal of Organic Chemistry</i> , 2015, 80, 6193-6212.	1.7	34
36	The Emerging Therapeutic Potential of Nitro Fatty Acids and Other Michael Acceptor-Containing Drugs for the Treatment of Inflammation and Cancer. <i>Frontiers in Pharmacology</i> , 2020, 11, 1297.	1.6	26

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37	Visible-Light-Induced 3-Component Synthesis of Sulfonylated Oxindoles by Fixation of Sulfur Dioxide. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5725-5734.	1.2	25
38	Iron-Catalyzed Three-Component Synthesis of $\alpha$ -Amino Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7471-7475.	1.2	23
39	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.	2.1	23
40	Manganese( <sup>iii</sup> ) acetate-mediated direct C(sp <sup>2</sup> )-H-sulfonylation of enamides with sodium and lithium sulfinates. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5538-5544.	1.5	23
41	Synthesis of <i>N</i> -Acyl- <i>N,O</i> -acetals from Aldehydes, Amides and Alcohols. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4624-4627.	1.2	22
42	Iron(III)-Mediated Oxysulfonylation of Enamides with Sodium and Lithium Sulfinates. <i>Journal of Organic Chemistry</i> , 2020, 85, 3617-3637.	1.7	21
43	Enhancing the chemosensitivity of HepG2 cells towards cisplatin by organoselenium pseudopeptides. <i>Bioorganic Chemistry</i> , 2021, 109, 104713.	2.0	19
44	Urea-functionalized organoselenium compounds as promising anti-HepG2 and apoptosis-inducing agents. <i>Future Medicinal Chemistry</i> , 2021, 13, 1655-1677.	1.1	19
45	Modular Two-Step Approach for the Stereodivergent Synthesis of 1,3-Diamines with Three Continuous Stereocenters. <i>Organic Letters</i> , 2017, 19, 674-677.	2.4	18
46	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.	2.0	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. <i>Biochemical Pharmacology</i> , 2018, 155, 48-60.	2.0	18
48	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.	1.2	17
49	Bi(OTf) <sub>3</sub> -catalyzed three-component synthesis of $\alpha$ -amino acid derivatives. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2356-2359.	1.5	16
50	Stereoselective One-Pot Synthesis of Dihydropyrimido[2,1- <i>a</i> ]isoindole-6( <i>2H</i> )-ones. <i>Organic Letters</i> , 2018, 20, 178-181.	2.4	14
51	Bi(OTf) <sub>3</sub> -Catalyzed Diastereoselective One-Pot Synthesis of 1,3-Diamines with Three Continuous Stereogenic Centers. <i>Journal of Organic Chemistry</i> , 2018, 83, 12007-12022.	1.7	14
52	Sulfonamides as Amine Component in the Petasis-Borono Mannich Reaction: A Concise Synthesis of $\alpha$ -Aryl- and $\alpha$ -Alkenylglycine Derivatives. <i>Synthesis</i> , 2018, 50, 3936-3946.	1.2	14
53	Direct C-H-sulfonylation of 6-membered nitrogen-heteroaromatics. , 2022, 1, 100003.		14
54	An Enamide-Based Domino Reaction for a Highly Stereoselective Synthesis of Tetrahydropyrans. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13056-13059.	7.2	13

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55	Rapid Assembly of Molecular Complexity from Simple Enamides. <i>Synlett</i> , 2020, 31, 1027-1032.	1.0	12
56	Modular Regiospecific Synthesis of Nitrated Fatty Acids. <i>Synthesis</i> , 2017, 49, 615-636.	1.2	11
57	Recent Advances in the Synthesis of C–S Bonds via Metal-Catalyzed or -Mediated Functionalization of C–H Bonds. <i>Advances in Organometallic Chemistry</i> , 2018, 69, 135-207.	0.5	11
58	3-Component synthesis of $\beta$ -substituted sulfonamides via Brønsted acid-catalyzed C(sp <sup>3</sup> )–H bond functionalization of 2-alkylazaarenes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5525-5528.	1.5	10
59	Nickel-Catalyzed Cross-Coupling Reactions of Aryltitanium(IV) Alkoxides with Aryl Halides. <i>Synlett</i> , 2007, 2007, 2077-2080.	1.0	8
60	Bi(OTf) <sub>3</sub> -Catalyzed Three-Component Synthesis of Amidomethylarenes and -Heteroarenes. <i>Synlett</i> , 2013, 24, 2057-2060.	1.0	7
61	A Palladium-Catalyzed Three-Component Synthesis of Arylmethylsulfonamides. <i>Synthesis</i> , 2016, 48, 379-386.	1.2	7
62	Palladium-Catalyzed Decarboxylative Three-Component Synthesis of $\beta$ -Arylglycines: Replacing Boronic with Carboxylic Acids in the Petasis Reaction. <i>ChemCatChem</i> , 2020, 12, 3463-3466.	1.8	7
63	Catalyst-free direct synthesis of $\beta^2$ -enaminones through reaction of benzohydrazoneamides with cyclic 1,3-diketones: Access to exocyclic $\beta^2$ -enaminones. <i>Synthetic Communications</i> , 2019, 49, 3161-3168.	1.1	6
64	Streamlined One-Pot Synthesis of Nitro Fatty Acids. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2239-2252.	1.2	5
65	Oxyenamides as Versatile Building Blocks for a Highly Stereoselective One-Pot Synthesis of the 1,3-Diamino Scaffold Containing Three Continuous Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23667-23671.	7.2	5
66	Structural Modifications Yield Novel Insights Into the Intriguing Pharmacodynamic Potential of Anti-inflammatory Nitro-Fatty Acids. <i>Frontiers in Pharmacology</i> , 2021, 12, 715076.	1.6	5
67	Bismuth- and Iron-Catalyzed Three-Component Synthesis of $\beta$ -Amino Acid Derivatives: A Simple and Convenient Route to $\beta$ -Arylglycines. <i>Synthesis</i> , 2017, 49, 849-879.	1.2	4
68	An Enamide-Based Domino Reaction for a Highly Stereoselective Synthesis of Tetrahydropyrans. <i>Angewandte Chemie</i> , 2019, 131, 13190-13193.	1.6	4
69	Wenn LÄrcher Bindungen stÄrken: die HalogenbrÄrcken. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 131-134.	0.0	3
70	Synthesis of Nitroolefins via the Direct Nitration of Alkenes. <i>SynOpen</i> , 2021, 05, 229-231.	0.8	3
71	Palladium-Catalyzed Decarboxylative 1,2-Addition of Carboxylic Acids to Glyoxylic Acid Esters. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 6340-6346.	1.2	2
72	Oxyenamide als vielseitige Bausteine fÄr eine hochgradig stereoselektive Eintopf-Synthese der 1,3-Diamino-Scaffold-Einheit mit drei fortlaufenden Stereozentren. <i>Angewandte Chemie</i> , 2021, 133, 23859.	1.6	2

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73	Palladium-Catalyzed Cross-Couplings of Unsaturated Halides Bearing Relatively Acidic Hydrogen Atoms with Organozinc Reagents. <i>Synthesis</i> , 2009, 2009, 681-686.	1.2	1
74	Totalsynthese von Strictamin. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 747-750.	0.0	1
75	Katalytische C-H-Aktivierungen. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 519-522.	0.0	0
76	Zwei-Photonen-Absorption auf Umwegen. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 851-854.	0.0	0
77	Nickelkatalyse offenbart neue Reaktivitäten. <i>Nachrichten Aus Der Chemie</i> , 2016, 64, 1060-1064.	0.0	0
78	Frontispiece: Radicals and Sulfur Dioxide: A Versatile Combination for the Construction of Sulfonyl-Containing Molecules. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	0
79	Electron diffraction tomography and X-ray powder diffraction on photoredox catalyst PDI. <i>CrystEngComm</i> , 2019, 21, 2571-2575.	1.3	0