

# Ming Wang

## List of Publications by Year in descending order

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31  
papers

2,298  
citations

236612

25  
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433756

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32  
docs citations

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times ranked

1516  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>N</i> -Heterocyclic Carbene-Catalyzed [3+4] Cycloaddition and Kinetic Resolution of Azomethine Imines. <i>Journal of the American Chemical Society</i> , 2014, 136, 1214-1217.	6.6	229
2	Transition-Metal-Free Diarylannulated Sulfide and Selenide Construction via Radical/Anion-Mediated Sulfur-Iodine and Selenium-Iodine Exchange. <i>Organic Letters</i> , 2016, 18, 5756-5759.	2.4	185
3	Multicomponent Reductive Cross-Coupling of an Inorganic Sulfur Dioxide Surrogate: Straightforward Construction of Diversely Functionalized Sulfones. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1346-1353.	7.2	159
4	Controllable Sulfoxidation and Sulfenylation with Organic Thiosulfate Salts via Dual Electron- and Energy-Transfer Photocatalysis. <i>ACS Catalysis</i> , 2017, 7, 7587-7592.	5.5	141
5	Construction of Functionalized Annulated Sulfone via SO <sub>2</sub> /I Exchange of Cyclic Diaryliodonium Salts. <i>Organic Letters</i> , 2017, 19, 4916-4919.	2.4	128
6	Cu(II)-catalyzed sulfide construction: both aryl groups utilization of intermolecular and intramolecular diaryliodonium salt. <i>Chemical Communications</i> , 2017, 53, 2918-2921.	2.2	117
7	Sodium Dithionite-Mediated Decarboxylative Sulfonylation: Facile Access to Tertiary Sulfones. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8907-8911.	7.2	106
8	Design and application of $\alpha$ -ketothioesters as 1,2-dicarbonyl-forming reagents. <i>Nature Communications</i> , 2019, 10, 2661.	5.8	95
9	The same oxygenation-state introduction of hypervalent sulfur under transition-metal-free conditions. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3956-3966.	2.3	94
10	Sulfur-Sulfur Bond Construction. <i>Topics in Current Chemistry</i> , 2018, 376, 14.	3.0	88
11	Metal-free construction of primary sulfonamides through three diverse salts. <i>Green Chemistry</i> , 2018, 20, 5469-5473.	4.6	87
12	Prospects and Challenges in Organosulfur Chemistry. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 671-677.	3.2	87
13	Nitrogen-Iodine Exchange of Diaryliodonium Salts: Access to Acridine and Carbazole. <i>Organic Letters</i> , 2018, 20, 216-219.	2.4	79
14	Aryl Methyl Sulfone Construction from Eco-Friendly Inorganic Sulfur Dioxide and Methyl Reagents. <i>ChemSusChem</i> , 2019, 12, 3064-3068.	3.6	70
15	General sulfone construction <i>via</i> sulfur dioxide surrogate control. <i>Green Chemistry</i> , 2020, 22, 322-326.	4.6	66
16	Atom-Economical Applications of Diaryliodonium Salts. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2195-2207.	1.7	60
17	Transition metal-free N-arylation of secondary amides through iodonium salts as aryne precursors. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10185-10188.	1.5	51
18	Transition-Metal-Free Reductive Cross-Coupling Employing Metabisulfite as a Connector: General Construction of Alkyl-Alkyl Sulfones. <i>CCS Chemistry</i> , 2021, 3, 17-24.	4.6	51

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19	Palladium-Catalyzed Thiomethylation via a Three-Component Cross-Coupling Strategy. <i>Organic Letters</i> , 2018, 20, 6193-6197.	2.4	47
20	The Same Oxidation State Introduction of Hypervalent Sulfur via Transition-Metal Catalysis. <i>Chemical Record</i> , 2021, 21, 3338-3355.	2.9	46
21	Full-Spectrum Fluoromethyl Sulfonation via Modularized Multicomponent Coupling. <i>CCS Chemistry</i> , 2022, 4, 1526-1534.	4.6	41
22	Divergent sulfur(VI) fluoride exchange linkage of sulfonimidoyl fluorides and alkynes. , 2022, 1, 455-463.		35
23	Pd-Catalyzed C-S Cyclization via C-H Functionalization Strategy: Access to Sulfur-containing Benzoheterocyclics. <i>Chinese Journal of Chemistry</i> , 2018, 36, 921-924.	2.6	30
24	Recent Progress in (Dynamic) Kinetic Resolution Catalyzed by <i>N</i> -Heterocyclic Carbenes. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2184-2194.	1.7	29
25	Sustainable access to sulfonic acids from halides and thiourea dioxide with air. <i>Green Chemistry</i> , 2020, 22, 8238-8242.	4.6	26
26	Dithionite-Involved Multicomponent Coupling for Alkenyl and Alkyl Tertiary Sulfones. <i>Organic Letters</i> , 2021, 23, 4657-4661.	2.4	26
27	Multicomponent Reductive Cross-Coupling of an Inorganic Sulfur Dioxide Surrogate: Straightforward Construction of Diversely Functionalized Sulfones. <i>Angewandte Chemie</i> , 2020, 132, 1362-1369.	1.6	25
28	Straightforward Sulfonamidation <i>via</i> <i>Metabisulfite</i> -Mediated Cross Coupling of Nitroarenes and Boronic Acids under <i>Transition-Metal-Free</i> Conditions.	2.6	24
29	Diastereoselective Synthesis of Thioglycosides via Pd-Catalyzed Allylic Rearrangement. <i>Organic Letters</i> , 2021, 23, 9053-9057.	2.4	22
30	Sodium Dithionite-Mediated Decarboxylative Sulfonylation: Facile Access to Tertiary Sulfones. <i>Angewandte Chemie</i> , 2020, 132, 8992-8996.	1.6	12
31	The recycling of sulfur dioxide. <i>Chinese Science Bulletin</i> , 2018, 63, 2707-2716.	0.4	12