

# Shiao Chow

## List of Publications by Year in descending order

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18  
papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Mild and Low-Pressure $\text{fac-Ir(ppy)}_3$ -Mediated Radical Aminocarbonylation of Unactivated Alkyl Iodides through Visible-Light Photoredox Catalysis. <i>Chemistry - A European Journal</i> , 2016, 22, 9155-9161.	1.7	42
2	Sulfonyl Azides as Precursors in Ligand-Free Palladium-Catalyzed Synthesis of Sulfonyl Carbamates and Sulfonyl Ureas and Synthesis of Sulfonamides. <i>Journal of Organic Chemistry</i> , 2016, 81, 2681-2691.	1.7	40
3	Novel Helix-Constrained Nociceptin Derivatives Are Potent Agonists and Antagonists of ERK Phosphorylation and Thermal Analgesia in Mice. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8400-8408.	2.9	34
4	Synthesis of N-Sulfonyl Amidines and Acyl Sulfonyl Ureas from Sulfonyl Azides, Carbon Monoxide, and Amides. <i>Journal of Organic Chemistry</i> , 2017, 82, 2515-2522.	1.7	32
5	A structural and catalytic model for zinc phosphoesterases. <i>Dalton Transactions</i> , 2008, , 6045.	1.6	31
6	Streamlining bioactive molecular discovery through integration and automation. <i>Nature Reviews Chemistry</i> , 2018, 2, 174-183.	13.8	31
7	Low-Pressure Radical $\text{C}^{11}$ -Aminocarbonylation of Alkyl Iodides through Thermal Initiation. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5980-5989.	1.2	18
8	Simultaneous uncoupled expression and purification of the Dengue virus NS3 protease and NS2B co-factor domain. <i>Protein Expression and Purification</i> , 2016, 119, 124-129.	0.6	18
9	Synthesis of $\text{C}^{11}$ -Labeled Sulfonyl Carbamates through a Multicomponent Reaction Employing Sulfonyl Azides, Alcohols, and $[\text{C}^{11}]\text{CO}$ . <i>ChemistryOpen</i> , 2016, 5, 566-573.	0.9	16
10	Embarking on a Chemical Space Odyssey. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 3591-3593.	2.9	12
11	Palladium-mediated $\text{C}^{11}$ -C-carboxylations using aryl halides and cyanamide. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4875-4881.	1.5	9
12	Activity-directed expansion of a series of antibacterial agents. <i>Chemical Communications</i> , 2020, 56, 8047-8050.	2.2	9
13	Helix-Constrained Nociceptin Peptides Are Potent Agonists and Antagonists of ORL-1 and Nociception. <i>Vitamins and Hormones</i> , 2015, 97, 1-55.	0.7	7
14	Synthesis of 4-Hydroxybenzo[1,3]oxazin-4-ones by a Carbonylation-Cyclization Domino Reaction of ortho-Halophenols and Cyanamide. <i>ChemistryOpen</i> , 2017, 6, 620-628.	0.9	5
15	Efficient Approaches for the Synthesis of Diverse $\pm$ -Diazo Amides. <i>Synthesis</i> , 2020, 52, 1695-1706.	1.2	5
16	Mild and Low-Pressure $\text{fac-Ir(ppy)}_3$ -Mediated Radical Aminocarbonylation of Unactivated Alkyl Iodides through Visible-Light Photoredox Catalysis. <i>Chemistry - A European Journal</i> , 2016, 22, 9037-9037.	1.7	3
17	Synthesis of 4-Hydroxybenzo[1,3]oxazin-4-ones by a Carbonylation-Cyclization Domino Reaction of ortho-Halophenols and Cyanamide. <i>ChemistryOpen</i> , 2017, 6, 609-609.	0.9	2
18	Expansion of the structure-activity relationships of BACE1 inhibitors by harnessing diverse building blocks prepared using a unified synthetic approach. <i>MedChemComm</i> , 2019, 10, 616-620.	3.5	0