Xiaowei Wu

List of Publications by Year
in descending order

25	807	516710 16	610901 24
papers	citations	h-index	g-index

25	25	25	640
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ruthenium-Catalyzed Redox-Neutral [4 + 1] Annulation of Benzamides and Propargyl Alcohols via Câ€“H Bond Activation. ACS Catalysis, 2017, 7, 2494-2499.	11.2	118
2	Propargyl Alcohols as One-Carbon Synthons: Redox-Neutral Rhodium(III)-Catalyzed Câ€“H Bond Activation for the Synthesis of Isoindolinones Bearing a Quaternary Carbon. Organic Letters, 2017, 19, 1294-1297.	4.6	106
3	Rhodium-Catalyzed [4 + 1] Cyclization via Câ€“H Activation for the Synthesis of Divergent Heterocycles Bearing a Quaternary Carbon. Journal of Organic Chemistry, 2018, 83, 4650-4656.	3.2	60
4	Additive-Controlled Divergent Synthesis of Tetrasubstituted 1,3-Enynes and Alkynylated 3H-Pyrrolo[1,2-a]indol-3-ones via Rhodium Catalysis. Organic Letters, 2021, 23, 727-733.	4.6	46
5	Ruthenium(II)-Catalyzed Redox-Neutral [3+2] Annulation of Indoles with Internal Alkynes via Câ€“H Bond Activation: Accessing a Pyrroloindolone Scaffold. Journal of Organic Chemistry, 2017, 82, 5263-5273.	3.2	45
6	Ruthenium(II)-Catalyzed Regio- and Stereoselective Câ€“H Allylation of Indoles with Allyl Alcohols. Organic Letters, 2018, 20, 2224-2227.	4.6	44
7	Rh(III)-Catalyzed Câ€“H Cyclization of Arylnitrones with Diazo Compounds: Access to 3-Carboxylate SubstitutedN-Hydroxyindoles. Journal of Organic Chemistry, 2017, 82, 8984-8994.	3.2	42
8	Rhodium(III)-Catalyzed Câ€“H Alkenylation/Directing Group Migration for the Regio- and Stereoselective Synthesis of Tetrasubstituted Alkenes. Organic Letters, 2020, 22, 9163-9168.	4.6	37
9	Rhodiumâ€Catalyzed Cascade Reactions of Indoles with 4â€Hydroxyâ€2â€Alkynoates for the Synthesis of Indoleâ€Fused Polyheterocycles. Advanced Synthesis and Catalysis, 2020, 362, 2953-2960.	4.3	31
10	Discovery and Development of a Series of Pyrazolo[3,4-d]pyridazinone Compounds as the Novel Covalent Fibroblast Growth Factor Receptor Inhibitors by the Rational Drug Design. Journal of Medicinal Chemistry, 2019, 62, 7473-7488.	6.4	28
11	Design, synthesis and biological evaluation of 4-anilinothieno[2,3-d]pyrimidine-based hydroxamic acid derivatives as novel histone deacetylase inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 6146-6155.	3.0	24
12	Synthesis, Structureâ€Activity Relationships, and Antiviral Activity of Allosteric Inhibitors of Flavivirus NS2Bâ€NS3 Protease. Journal of Medicinal Chemistry, 2021, 64, 2777-2800.	6.4	24
13	Ruthenium-Catalyzed Câ€“H Allylation of Alkenes with Allyl Alcohols via Câ€“H Bond Activation in Aqueous Solution. Journal of Organic Chemistry, 2018, 83, 12094-12102.	3.2	22
14	Rhodium(<scp>iii</scp>)-catalyzed Câ€“H allylation of indoles with allyl alcohols via Î²-hydroxide elimination. Organic and Biomolecular Chemistry, 2018, 16, 5691-5698.	2.8	22
15	Rh(III)-Catalyzed Divergent Synthesis of Alkynylated Imidazo[1,5-a]indoles and Î±,Î±-Difluoromethylene Tetrasubstituted Alkenes. Organic Letters, 2021, 23, 5766-5771.	4.6	22
16	Chemo-, Regio-, and Stereoselective Assembly of Polysubstituted Furan-2(5H)-ones Enabled by Rh(III)-Catalyzed Domino Câ€“H Alkenylation/Directing Group Migration/Lactonization: A Combined Experimental and Computational Study. ACS Catalysis, 2021, 11, 13921-13934.	11.2	20
17	Site-specific indolation of proline-based peptides via copper(<scp>ii</scp>)-catalyzed oxidative coupling of tertiary amine N-oxides. Chemical Communications, 2015, 51, 12571-12573.	4.1	19
18	Design, synthesis and biological evaluation of isoquinoline-based derivatives as novel histone deacetylase inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 5881-5890.	3.0	17

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19	Discovery, Structureâ€“Activity Relationship, and Biological Activity of Histone-Competitive Inhibitors of Histone Acetyltransferases P300/CBP. Journal of Medicinal Chemistry, 2020, 63, 4716-4731.	6.4	17
20	Small-molecule inhibitor of AF9/ENL-DOT1L/AF4/AFF4 interactions suppresses malignant gene expression and tumor growth. Theranostics, 2021, 11, 8172-8184.	10.0	17
21	Design, synthesis and biological evaluation of pyrazolo[3,4-d]pyridazinone derivatives as covalent FGFR inhibitors. Acta Pharmaceutica Sinica B, 2021, 11, 781-794.	12.0	16
22	Redox-Neutral Rhodium(III)-Catalyzed Chemospecific and Regiospecific [4+1] Annulation between Indoles and Alkenes for the Synthesis of Functionalized Imidazo[1,5-a]indoles. Journal of Organic Chemistry, 2021, 86, 10591-10607.	3.2	11
23	Chemoâ€•and Regioselective Synthesis of Functionalized 1Hâ€•imidazo[1,5â€•a]indolâ€3(2H)â€•ones via a Redoxâ€Neutral Rhodium(III)â€Catalyzed [4+1] Annulation between Indoles and Alkynes. Advanced Synthesis and Catalysis, 2021, 363, 4380-4389.	5.3	9
24	Regio-selective and stereo-selective hydrosilylation of internal alkynes catalyzed by ruthenium complexes. RSC Advances, 2018, 8, 28261-28265.	3.6	8
25	Temperatureâ€Controlled Divergent Synthesis of Tetrasubstituted Alkenes and Pyrrolo[1,2â€•a]indole Derivatives via Iridium Catalysis. Asian Journal of Organic Chemistry, 0, , .	2.7	2