

Jianxian Gong

List of Publications by Year in descending order

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46
papers

1,488
citations

331670

21
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315739

38
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56
all docs

56
docs citations

56
times ranked

1597
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct construction of vicinal all-carbon quaternary stereocenters in natural product synthesis. <i>Natural Product Reports</i> , 2015, 32, 1584-1601.	10.3	207
2	Total Synthesis of (±) Maoecrystal V. <i>Journal of the American Chemical Society</i> , 2010, 132, 16745-16746.	13.7	165
3	Social regulation of aggression by pheromonal activation of Or65a olfactory neurons in <i>Drosophila</i> . <i>Nature Neuroscience</i> , 2011, 14, 896-902.	14.8	139
4	Asymmetric total synthesis of (±)-lingzhiol via a Rh-catalysed [3+2] cycloaddition. <i>Nature Communications</i> , 2014, 5, 5707.	12.8	80
5	Isolation and Asymmetric Total Synthesis of Perforanoid A. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7539-7543.	13.8	62
6	Tunable and Chemoselective Syntheses of Dihydroisobenzofurans and Indanones via Rhodium-Catalyzed Tandem Reactions of 2-Triazole-benzaldehydes and 2-Triazole-alkylaryl Ketones. <i>Organic Letters</i> , 2014, 16, 5588-5591.	4.6	58
7	Concise Stereoselective Synthesis of Oxaspirocycles with 1,2,3-triazoles: Application to the Total Syntheses of (±)-tuberostemospirine and (±)-stemonalactam. <i>Chemistry - A European Journal</i> , 2014, 20, 12881-12888.	4.3	54
8	Synthetic Study toward the Total Synthesis of Maoecrystal V. <i>Organic Letters</i> , 2009, 11, 4770-4773.	4.6	50
9	Efficient Synthesis of Maleimides and Carbazoles via Zn(OTf) ₂ -Catalyzed Tandem Annulations of Isonitriles and Allenic Esters. <i>Organic Letters</i> , 2007, 9, 4057-4060.	4.6	49
10	Development of New Stereodiverse Diaminocyclitols as Inhibitors of Influenza Virus Neuraminidase. <i>Organic Letters</i> , 2010, 12, 4-7.	4.6	37
11	Formal Total Synthesis of (-)-Methylmaysenine. <i>Organic Letters</i> , 2009, 11, 1809-1812.	4.6	34
12	Towards a general diastereoselective route to oxabicyclo[3.2.1]octanes via a gold-catalysed cascade reaction. <i>Nature Communications</i> , 2015, 6, 8617.	12.8	32
13	A chiral pool approach for asymmetric syntheses of (±)-antrocin, (+)-asperolide C, and (±)-trans-ozic acid. <i>Chemical Communications</i> , 2016, 52, 12426-12429.	4.1	32
14	Thioureas as Ligands in Organometallic Reactions. <i>Synthesis</i> , 2014, 46, 2007-2023.	2.3	30
15	Total Synthesis of Sinensilactam A. <i>Organic Letters</i> , 2018, 20, 1857-1860.	4.6	28
16	Diastereoselective Synthesis of Cyclopentanoids: Applications to the Construction of the ABCD Tetracyclic Core of Retigeranic Acid. <i>Chemistry - A European Journal</i> , 2015, 21, 12596-12600.	3.3	27
17	Bioinspired Total Synthesis of Homodimericin A. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7890-7894.	13.8	25
18	Palladium-Catalyzed Oxidative Rearrangement of Tertiary Allylic Alcohols to Enones with Oxygen in Aqueous Solvent. <i>Organic Letters</i> , 2014, 16, 5370-5373.	4.6	24

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19	Synthesis of 2,3-Disubstituted Indoles and Benzofurans by the Tandem Reaction of Rhodium(II)-Catalyzed Intramolecular C-H Insertion and Oxygen-Mediated Oxidation. <i>Journal of Organic Chemistry</i> , 2016, 81, 10180-10192.	3.2	24
20	Stereoselective Synthesis of Oxabicyclo[2.2.1]heptenes via a Tandem Rhodium(II)-Catalyzed Triazole Denitrogenation and [3 + 2] Cycloaddition. <i>Organic Letters</i> , 2016, 18, 5500-5503.	4.6	24
21	Bioinspired Asymmetric Synthesis of Hispidanin. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5844-5848.	13.8	24
22	A Concise Synthesis of Presilphiperfolane Core through a Tandem TMTU-Catalyzed Pauson-Khand Reaction and a 6 π Electrocyclization Reaction (TMTU=Tetramethyl Thiourea). <i>Chemistry - A European Journal</i> , 2017, 23, 1258-1262.	3.3	23
23	A rhodium-catalyzed tandem reaction of N-sulfonyl triazoles with indoles: access to indole-substituted indanones. <i>Chemical Communications</i> , 2017, 53, 9089-9092.	4.1	21
24	Stereoselective Total Synthesis of (±)-5-epi-Cyanthiwigin I via an Intramolecular Pauson-Khand Reaction as the Key Step. <i>Organic Letters</i> , 2018, 20, 2876-2879.	4.6	20
25	Gold-Catalyzed Enantio- and Diastereoselective Syntheses of Left Fragments of Azadirachtin/Meliacarpin-Type Limonoids. <i>Journal of Organic Chemistry</i> , 2016, 81, 751-771.	3.2	18
26	Formal Total Synthesis of (±)-Lycojaponicum C. <i>Organic Letters</i> , 2017, 19, 2921-2924.	4.6	18
27	Dissecting the phenotypes of Plk1 inhibition in cancer cells using novel kinase inhibitory chemical CBB2001. <i>Laboratory Investigation</i> , 2012, 92, 1503-1514.	3.7	17
28	Synthetic Progress toward Azadirachtins. 2. Enantio- and Diastereoselective Synthesis of the Right-Wing Fragment of 11-epi-Azadirachtin I. <i>Organic Letters</i> , 2015, 17, 2338-2341.	4.6	16
29	Diastereoselective Synthesis of Diquinanes and Triquinanes Bearing Vicinal Quaternary Carbon Stereocenters from Acyclic Allene-based Precursors via a Cascade Reaction. <i>Organic Letters</i> , 2017, 19, 4416-4419.	4.6	16
30	Pd-Catalyzed Decarboxylative Allylation for Stereoselective Syntheses of Allylic Alcohols bearing a Quaternary Carbon Center. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 823-827.	2.7	16
31	Effective Chirality Transfer in [3+2] Reaction between Allenyl-Rhodium and Enal: Mechanistic Study Based on DFT Calculations. <i>Journal of Organic Chemistry</i> , 2016, 81, 8306-8311.	3.2	15
32	Asymmetric Total Synthesis of (±)-Pavidolide B via a Thiyl-Radical-Mediated [3 + 2] Annulation Reaction. <i>Journal of Organic Chemistry</i> , 2019, 84, 15958-15971.	3.2	14
33	One-pot synthesis of tetracyclic fused imidazo[1,2-a]pyridines via a three-component reaction. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 1487-1492.	2.2	13
34	Efficient Total Synthesis of Bioactive Natural Products: A Personal Record. <i>Chemical Record</i> , 2014, 14, 606-622.	5.8	12
35	Total synthesis of (+)-fusarisetin A. <i>Tetrahedron</i> , 2015, 71, 3720-3733.	1.9	11
36	Asymmetric total synthesis of (±)-perforanoid A. <i>Tetrahedron</i> , 2017, 73, 3612-3621.	1.9	9

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37	Synthesis of Substituted Benzoxacycles via a Pd(η^5 -Catalyzed Intramolecular Arylation Reaction of Allylic Alcohols. Chinese Journal of Chemistry, 2017, 35, 562-566.	4.9	9
38	Genetic approach to evaluate specificity of small molecule drug candidates inhibiting PLK1 using zebrafish. Molecular BioSystems, 2010, 6, 1463.	2.9	8
39	Total synthesis of orientalol F via gold-catalyzed cycloisomerization of alkynediol. Organic Chemistry Frontiers, 2017, 4, 2296-2300.	4.5	8
40	Total syntheses of dehydrobotrydienal, dehydrobotrydienol and 10-oxodehydrodihydrobotrydial. Chinese Chemical Letters, 2019, 30, 1503-1505.	9.0	8
41	Bioinspired Total Synthesis of Homodimericin...A. Angewandte Chemie, 2017, 129, 7998-8002.	2.0	4
42	Retro-metal-ene <i>versus</i> retro-Aldol: mechanistic insight into Rh-catalysed formal [3+2] cycloaddition. Chemical Communications, 2018, 54, 13551-13554.	4.1	4
43	Bioinspired Asymmetric Synthesis of Hispidanin...A. Angewandte Chemie, 2017, 129, 5938-5942.	2.0	3
44	Model Study of Maoecrystal V. Springer Theses, 2014, , 29-71.	0.1	0
45	Research Background of Total Synthesis of Natural Product Maoecrystal V and Its Family. Springer Theses, 2014, , 1-28.	0.1	0
46	Total Synthesis of Maoecrystal V. Springer Theses, 2014, , 73-135.	0.1	0