

# Qin Yang

## List of Publications by Year in descending order

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22  
papers

1,132  
citations

759233

12  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1547  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of $\pi$ character upon complexation captured by molecular rotation spectra. <i>Physical Chemistry Chemical Physics</i> , 2022, , .	2.8	0
2	Accuracy and Reliability in the Simulation of Vibrational Spectra: A Comprehensive Benchmark of Energies and Intensities Issuing From Generalized Vibrational Perturbation Theory to Second Order (GVPT2). <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	2.8	32
3	Interplay of stereo-electronic, vibronic and environmental effects in tuning the chiroptical properties of an Ir(III) cyclometalated N-heterocyclic carbene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 254, 119631.	3.9	4
4	Theoretical Investigation of the Circularly Polarized Luminescence of a Chiral Boron Dipyrrromethene (BODIPY) Dye. <i>Frontiers in Chemistry</i> , 2020, 8, 801.	3.6	10
5	Theoretical investigation of differences of optical rotation, electronic circular dichroism and vibrational circular dichroism of $\pm$ -hydroxyl cyclic ketones and esters as monomers or dimers in solution. <i>Tetrahedron</i> , 2018, 74, 4020-4028.	1.9	2
6	Investigating cyclic sotolon, maple furanone and their dimers in solution using optical rotation, electronic circular dichroism and vibrational circular dichroism. <i>Tetrahedron</i> , 2017, 73, 2432-2438.	1.9	5
7	Rational Design of Amine Nucleophiles for Dynamic Kinetic Resolution of Azlactones Leading to Highly Enantioselective Synthesis of Bisamides. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 914-919.	2.7	14
8	Experimental and theoretical study of stereochemistry for new pseurotin A3 with an unusual hetero-spirocyclic system. <i>Tetrahedron</i> , 2016, 72, 7194-7199.	1.9	7
9	Enantiomeric Catalytic Formal Thiolation of 2,5-Dimethyl-1-(arylsulfonyl)alkyl]pyrroles in an Oil/Water Biphasic System. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5826-5830.	2.4	5
10	Absolute configuration of two novel compounds from the <i>Talaromyces aculeatus</i> using optical rotation, electronic circular dichroism and vibrational circular dichroism. <i>Tetrahedron Letters</i> , 2016, 57, 75-79.	1.4	11
11	Bioactive 7-Oxabicyclic[6.3.0]lactam and 12-Membered Macrolides from a Gorgonian-Derived <i>Cladosporium</i> sp. Fungus. <i>Marine Drugs</i> , 2015, 13, 4171-4178.	4.6	38
12	Substitution of alcohols by N-nucleophiles via transition metal-catalyzed dehydrogenation. <i>Chemical Society Reviews</i> , 2015, 44, 2305-2329.	38.1	591
13	Polyketides with $\pm$ -Glucosidase Inhibitory Activity from a Mangrove Endophytic Fungus, <i>Penicillium</i> sp. HN29-3B1. <i>Journal of Natural Products</i> , 2015, 78, 1816-1822.	3.0	88
14	Pestalotiopsin C, stereochemistry of a new caryophyllene from a fungus of <i>Trichoderma</i> sp. and its tautomerization characteristics in solution. <i>Tetrahedron</i> , 2015, 71, 3491-3494.	1.9	33
15	Fitness of driving force and catalytic space in chiral catalyst design. Application of axial biscarboline N $\alpha$ -O chiral catalyst for enantioselective allylation of allyltrichlorosilane to bulky substituted aldehydes. <i>Tetrahedron</i> , 2015, 71, 3296-3302.	1.9	11
16	Iron-Mediated Carboarylation/Cyclization of Propargylanilines with Acetals: A Concise Route to Indeno[2,1-c]quinolines. <i>Organic Letters</i> , 2014, 16, 6310-6313.	4.6	24
17	Iron-catalyzed alkylation of $\pm$ -oxo ketene dithioacetals. <i>Chemical Communications</i> , 2014, 50, 6337-6339.	4.1	30
18	Comprehensive two-dimensional chromatography for analyzing complex samples: recent new advances. <i>Analytical Methods</i> , 2014, 6, 7112-7123.	2.7	32

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19	Palladium-catalyzed Oxidative Heck-type Allylation of $\beta,\beta$ -disubstituted Enones with Allyl Carbonates. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2097-2102.	4.3	23
20	$\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$ -Catalyzed Alkenylation of Indoles with Aldehydes. <i>Journal of Organic Chemistry</i> , 2012, 77, 8355-8361.	3.2	56
21	On-line two dimensional liquid chromatography/mass spectrometry for the analysis of triacylglycerides in peanut oil and mouse tissue. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 895-896, 48-55.	2.3	36
22	Urinary metabonomic study of lung cancer by a fully automatic hyphenated hydrophilic interaction/RPLC-MS system. <i>Journal of Separation Science</i> , 2010, 33, 1495-1503.	2.5	79