

# Qin Song

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Asymmetric Total Synthesis of Natural Lindenane Sesquiterpenoid Oligomers via a Triene as a Potential Biosynthetic Intermediate. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	4
2	Ultrasound-Responsive Ionic Liquid for Selective Phase Transition Extraction of Zr(IV) Ions. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 9053-9065.	6.7	5
3	Highly efficient actinide(III)/lanthanide(III) separation by novel pillar[5]arene-based picolinamide ligands: A study on synthesis, solvent extraction and complexation. <i>Journal of Hazardous Materials</i> , 2021, 405, 124214.	12.4	21
4	Enhanced Solubility and Antitumor Activity of Curcumin via Breaking and Rebuilding of the Hydrogen Bond. <i>ACS Applied Bio Materials</i> , 2021, 4, 918-927.	4.6	16
5	Catalyzed stereo-selective hydrogenation of ynamides to give enamines: Ethanol as a hydrogen donor. <i>Journal of Organometallic Chemistry</i> , 2021, 952, 122024.	1.8	2
6	Covalent triazine frameworks for the selective sorption of palladium from highly acidic radioactive liquid wastes. <i>Journal of Materials Chemistry A</i> , 2021, 9, 27320-27331.	10.3	20
7	Catalytic radical cascade cyclization of alkene-tethered enones to fused bicyclic cyclopropanols. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6678-6686.	4.5	5
8	Linear $\alpha$ -selective hydroformylation of vinyl ether using Rh (acac)(2,2'-bis((di[1H-indol-1-yl]phosphanyl)oxy)-1,1'-binaphthalene) Possible way to synthesize 1,3 $\alpha$ -propanediol. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5863.	1.8	5
9	Designing high-performance hypergolic propellants based on materials genome. <i>Science Advances</i> , 2020, 6, .	10.3	43
10	Simple and Economical Procedure To Assemble pH Glass Membrane Electrodes Used in Chemical Education. <i>Journal of Chemical Education</i> , 2019, 96, 1773-1777.	2.3	0
11	Carbon $\alpha$ -Oxygen Homocoupling of 2-Naphthols through Electrochemical Oxidative Dearomatization. <i>Synlett</i> , 2019, 30, 903-909.	1.8	5
12	Asymmetric Synthesis of Hispidanin $\alpha$ -A and Related Diterpenoids. <i>Chemistry - A European Journal</i> , 2018, 24, 9120-9129.	3.3	23
13	Design, synthesis and evaluation of 4 $\alpha$ -OH-flurbiprofen-chalcone hybrids as potential multifunctional agents for Alzheimer $\alpha$ 's disease treatment. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 1102-1115.	3.0	50
14	Using Photocatalytic Oxidation and Analytic Techniques To Remediate Lab Wastewater Containing Methanol. <i>Journal of Chemical Education</i> , 2018, 95, 131-135.	2.3	5
15	Theoretical Calculations on the Mechanism of Enantioselective Copper(I)-Catalyzed Addition of Enynes to Ketones. <i>Catalysts</i> , 2018, 8, 359.	3.5	8
16	Fluorescogenic Magnetofluids Based on Gadolinium, Terbium, and Dysprosium-Containing Imidazolium Salts. <i>Inorganic Chemistry</i> , 2018, 57, 6376-6390.	4.0	13
17	Viscosity, Conductivity, and Electrochemical Property of Dicyanamide Ionic Liquids. <i>Frontiers in Chemistry</i> , 2018, 6, 59.	3.6	104
18	Insensitive ionic bio-energetic materials derived from amino acids. <i>Scientific Reports</i> , 2017, 7, 12744.	3.3	7

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19	Synthesis of phosphorus amidite ligand and investigation of its flexibility impact on rhodium-catalyzed hydroformylation of 1-octene. <i>RSC Advances</i> , 2016, 6, 53012-53016.	3.6	6
20	A Redox-Responsive Complex System Based on 2D Shape-Persistent Cyclo[6]aramide and Ferrocenium. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 966-970.	2.7	13
21	Tunable luminescence of lanthanide (Ln = Sm, Eu, Tb) hydrophilic ionic polymers based on poly(N-methyl-4-vinylpyridinium-co-styrene) cations. <i>Polymer Chemistry</i> , 2016, 7, 7068-7077.	3.9	12
22	Structures and Properties of Luminescent Pentanitratoeuropate(III) Ionic Liquids. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 542-551.	2.0	17
23	Total Synthesis of Atisane-Type Diterpenoids: Application of Diels-Alder Cycloadditions of Podocarpane-Type Unmasked ortho-Benzoquinones. <i>Journal of the American Chemical Society</i> , 2015, 137, 13706-13714.	13.7	71
24	Brønsted acidity of bio-protic ionic liquids: the acidic scale of [AA]X amino acid ionic liquids. <i>Green Chemistry</i> , 2015, 17, 5154-5163.	9.0	49
25	Electrochemical and Thermodynamic Properties of Ln(III) (Ln = Eu, Sm, Dy, Nd) in 1-Butyl-3-Methylimidazolium Bromide Ionic Liquid. <i>PLoS ONE</i> , 2014, 9, e95832.	2.5	14
26	TiO <sub>2</sub> -Mediated Photodegradation of Aqueous Trinitrophenol Irradiated by an Artificial Light Source. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	4
27	Asymmetric Total Synthesis of Onoseriolide, Bolivianine, and Isobolivianine. <i>Chemistry - A European Journal</i> , 2014, 20, 2613-2622.	3.3	50
28	Computational investigations on the phosphine-ligated CuH-catalyzed conjugate reduction of $\alpha,\beta$ -unsaturated ketones: regioselectivity and stereoselectivity. <i>RSC Advances</i> , 2014, 4, 5726.	3.6	14
29	Origins of enantioselectivity in the chiral diphosphine-ligated CuH-catalyzed asymmetric hydrosilylation of ketones. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 597-604.	2.8	17
30	Theoretical investigation on copper hydrides catalyzed hydrosilylation reaction of 3-methylcyclohex-2-enone: mechanism and ligands' effect. <i>Catalysis Science and Technology</i> , 2012, 2, 564-569.	4.1	8
31	Theoretical study on the gas-phase reaction mechanism between rhodium monoxide cation and methane. <i>Structural Chemistry</i> , 2011, 22, 983-997.	2.0	6
32	Water-promoted One-step Anodic Acetoxylation of Benzene to Phenyl Acetate with High Selectivity. <i>Chinese Journal of Chemical Physics</i> , 2011, 24, 244-248.	1.3	2
33	Theoretical Study on Hetero-Diels-Alder Reaction of Butadiene with Benzaldehyde Catalyzed by Chiral Ln <sup>III</sup> Complexes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3867-3875.	2.4	6
34	THEORETICAL STUDY ON METHANE HYDROXYLATION BY MIMIC METHANE MONOOXYGENASE WITH bis( $\eta^4$ -OXO)DIMANGANESE CORE. <i>Journal of Theoretical and Computational Chemistry</i> , 2010, 09, 233-247.	1.8	1
35	New Co <sup>II</sup> /La/SiO <sub>2</sub> Catalyst for the Simultaneous Production of C <sub>2</sub> H <sub>4</sub> and Syngas from CH <sub>4</sub> with Na <sub>2</sub> WO <sub>4</sub> /Mn/SiO <sub>2</sub> . <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 2078-2083.	3.7	9
36	Ambient temperature hydrogen desorption from LiAlH <sub>4</sub> -LiNH <sub>2</sub> mediated by HMPA. <i>Journal of Materials Chemistry</i> , 2009, 19, 8426.	6.7	17

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37	Computational Investigation on Stereochemistry in Titanium <sup>IV</sup> Salicylaldehydes-Catalyzed Cyanation of Benzaldehyde. <i>Journal of Organic Chemistry</i> , 2008, 73, 4840-4847.	3.2	10
38	Dual catalyst bed for the oxidation of CH <sub>4</sub> simultaneously to C <sub>2</sub> H <sub>4</sub> and syngas. <i>AIChE Journal</i> , 2007, 53, 2925-2931.	3.6	14
39	Na <sub>2</sub> WO <sub>4</sub> /Co-Mn/SiO <sub>2</sub> Catalyst for the Simultaneous Production of Ethylene and Syngas from CH <sub>4</sub> . <i>Catalysis Letters</i> , 2007, 118, 285-289.	2.6	6
40	Theoretical Study on the Reaction Mechanism of the Gas-Phase H <sub>2</sub> /CO <sub>2</sub> /Ni(3D) System. <i>Journal of Physical Chemistry A</i> , 2005, 109, 6498-6502.	2.5	13
41	PtoMYB142, a poplar R2R3-MYB transcription factor, contributes to drought tolerance by regulating wax biosynthesis. <i>Tree Physiology</i> , 0, , .	3.1	9