

# Sibo Lin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/441561/publications.pdf>

Version: 2024-02-01

28  
papers

1,645  
citations

567281

15  
h-index

610901

24  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2608  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Nanotube Chemical Sensors. <i>Chemical Reviews</i> , 2019, 119, 599-663.	47.7	732
2	Nickel-Mediated Hydrogenolysis of C–O Bonds of Aryl Ethers: What Is the Source of the Hydrogen?. <i>Journal of the American Chemical Society</i> , 2012, 134, 5480-5483.	13.7	142
3	Synthesis and C–C Coupling Reactivity of a Dinuclear Ni <sup>I</sup> –Ni <sup>I</sup> Complex Supported by a Terphenyl Diphosphine. <i>Journal of the American Chemical Society</i> , 2010, 132, 6296-6297.	13.7	136
4	Ionic Highways from Covalent Assembly in Highly Conducting and Stable Anion Exchange Membrane Fuel Cells. <i>Journal of the American Chemical Society</i> , 2019, 141, 18152-18159.	13.7	99
5	Nickel Hydrides Supported by a Non-Innocent Diphosphine Arene Pincer: Mechanistic Studies of Nickel–Arene H-Migration and Partial Arene Hydrogenation. <i>Journal of the American Chemical Society</i> , 2011, 133, 3828-3831.	13.7	71
6	Combination of Redox-Active Ligand and Lewis Acid for Dioxygen Reduction with $\pi$ -Bound Molybdenum–Quinonoid Complexes. <i>Journal of the American Chemical Society</i> , 2015, 137, 1458-1464.	13.7	60
7	Dipalladium(I) Terphenyl Diphosphine Complexes as Models for Two-Site Adsorption and Activation of Organic Molecules. <i>Journal of the American Chemical Society</i> , 2013, 135, 15830-15840.	13.7	57
8	An Organocobalt–Carbon Nanotube Chemiresistive Carbon Monoxide Detector. <i>ACS Sensors</i> , 2016, 1, 354-357.	7.8	53
9	Reversible Halide-Modulated Nickel–Nickel Bond Cleavage: Metal–Metal Bonds as Design Elements for Molecular Devices. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7529-7532.	13.8	45
10	A Semiconducting Conjugated Radical Polymer: Ambipolar Redox Activity and Faraday Effect. <i>Journal of the American Chemical Society</i> , 2018, 140, 10881-10889.	13.7	41
11	Carbon Nanotube Formic Acid Sensors Using a Nickel Bis(ortho-diiminosemiquinonate) Selector. <i>ACS Sensors</i> , 2018, 3, 569-573.	7.8	35
12	Bio-Inspired Carbon Monoxide Sensors with Voltage-Activated Sensitivity. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14066-14070.	13.8	27
13	Synthetic and Computational Studies of Thiocarbonyl–Organyl Coupling Reactions. <i>Organometallics</i> , 2008, 27, 5548-5558.	2.3	23
14	Thiophene-fused polyaromatics: synthesis, columnar liquid crystal, fluorescence and electrochemical properties. <i>Chemical Science</i> , 2020, 11, 4695-4701.	7.4	22
15	Lewis Acid Accelerated Aryl Ether Bond Cleavage with Nickel: Orders of Magnitude Rate Enhancement Using AlMe <sub>3</sub> . <i>Chemistry - A European Journal</i> , 2016, 22, 17173-17176.	3.3	18
16	Heterometallic Effects in Trinuclear Complexes Supported by p-Terphenyl Diphosphine Ligands. <i>Organometallics</i> , 2015, 34, 4429-4432.	2.3	16
17	Exo-selective, Reductive Heck Derived Polynorbornenes with Enhanced Molecular Weights, Yields, and Hydrocarbon Gas Transport Properties. <i>ACS Macro Letters</i> , 2020, 9, 1363-1368.	4.8	15
18	Bio-Inspired Carbon Monoxide Sensors with Voltage-Activated Sensitivity. <i>Angewandte Chemie</i> , 2017, 129, 14254-14258.	2.0	14

#	ARTICLE	IF	CITATIONS
19	Functional Single-Walled Carbon Nanotubes for Anion Sensing. ACS Applied Materials & Interfaces, 2020, 12, 28375-28382.	8.0	14
20	Cross-Coupling Chemistry at Mononuclear and Dinuclear Nickel Complexes. Synlett, 2011, 2011, 1-5.	1.8	7
21	Computer-assisted catalyst development via automated modelling of conformationally complex molecules: application to diphosphinoamine ligands. Scientific Reports, 2021, 11, 4534.	3.3	5
22	Update 1.1 to <code>œpysimm</code> : A python package for simulation of molecular systems (PII: S2352711016300395). SoftwareX, 2021, 15, 100749.	2.6	4
23	Expecting Silicon Valley, Finding Silicon Planar. Synfacts, 2014, 10, 1267-1267.	0.0	1
24	Come On, Let's Do the Twist. Synfacts, 2014, 10, 1037-1037.	0.0	0
25	Every Cloud Has a Silver(I) or Tetramethylammonium Lining. Synfacts, 2014, 10, 1149-1149.	0.0	0
26	Climbing the Bisindeno-[n]thienoacene Ladder, One Rung/Ring at a Time. Synfacts, 2014, 10, 1270-1270.	0.0	0
27	Complex Polyphenylenes from Bromo-Oligophenylboronic Acids. Synfacts, 2014, 10, 1154-1154.	0.0	0
28	One $\pi$ -Allylnickel Initiator, Many Block Copolymers. Synfacts, 2014, 10, 1034-1034.	0.0	0