

# 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	Computer-assisted catalyst development via automated modelling of conformationally complex molecules: application to diphosphinoamine ligands. <i>Scientific Reports</i> , 2021, 11, 4534.	3.3	5
2	Update 1.1 to <i>œpysimm</i> : A python package for simulation of molecular systems (PII: S2352711016300395). <i>SoftwareX</i> , 2021, 15, 100749.	2.6	4
3	<i>Exo</i> -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
4	Functional Single-Walled Carbon Nanotubes for Anion Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 28375-28382.	8.0	14
5	Thiophene-fused polyaromatics: synthesis, columnar liquid crystal, fluorescence and electrochemical properties. <i>Chemical Science</i> , 2020, 11, 4695-4701.	7.4	22
6	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
7	Carbon Nanotube Chemical Sensors. <i>Chemical Reviews</i> , 2019, 119, 599-663.	47.7	732
8	Carbon Nanotube Formic Acid Sensors Using a Nickel Bis( <i>ortho</i> -diimino-semiquinonate) Selector. <i>ACS Sensors</i> , 2018, 3, 569-573.	7.8	35
9	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
10	Bio-inspired Carbon Monoxide Sensors with Voltage-Activated Sensitivity. <i>Angewandte Chemie</i> , 2017, 129, 14254-14258.	2.0	14
11	Bio-inspired Carbon Monoxide Sensors with Voltage-Activated Sensitivity. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14066-14070.	13.8	27
12	An Organocobalt-Carbon Nanotube Chemiresistive Carbon Monoxide Detector. <i>ACS Sensors</i> , 2016, 1, 354-357.	7.8	53
13	Lewis Acid Accelerated Aryl Ether Bond Cleavage with Nickel: Orders of Magnitude Rate Enhancement Using $AlMe_3$ . <i>Chemistry - A European Journal</i> , 2016, 22, 17173-17176.	3.3	18
14	Combination of Redox-Active Ligand and Lewis Acid for Dioxygen Reduction with $\eta^6$ -Bound Molybdenum-Quinonoid Complexes. <i>Journal of the American Chemical Society</i> , 2015, 137, 1458-1464.	13.7	60
15	Heterometallic Effects in Trinuclear Complexes Supported by <i>p</i> -Terphenyl Diphosphine Ligands. <i>Organometallics</i> , 2015, 34, 4429-4432.	2.3	16
16	Come On, Let's Do the Twist. <i>Synfacts</i> , 2014, 10, 1037-1037.	0.0	0
17	Every Cloud Has a Silver(I) or Tetramethylammonium Lining. <i>Synfacts</i> , 2014, 10, 1149-1149.	0.0	0
18	Climbing the Bisindenyl-thienoacene Ladder, One Rung/Ring at a Time. <i>Synfacts</i> , 2014, 10, 1270-1270.	0.0	0

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19	Complex Polyphenylenes from Bromo-Oligophenylboronic Acids. <i>Synfacts</i> , 2014, 10, 1154-1154.	0.0	0
20	Expecting Silicon Valley, Finding Silicon Planar. <i>Synfacts</i> , 2014, 10, 1267-1267.	0.0	1
21	One $\eta$ -Allylnickel Initiator, Many Block Copolymers. <i>Synfacts</i> , 2014, 10, 1034-1034.	0.0	0
22	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
23	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
24	Nickel Hydrides Supported by a Non-Innocent Diphosphine Arene Pincer: Mechanistic Studies of Nickel <sup>II</sup> -Arene H-Migration and Partial Arene Hydrogenation. <i>Journal of the American Chemical Society</i> , 2011, 133, 3828-3831.	13.7	71
25	Reversible Halide-Modulated Nickel <sup>II</sup> -Nickel Bond Cleavage: Metal <sup>II</sup> -Metal Bonds as Design Elements for Molecular Devices. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7529-7532.	13.8	45
26	Cross-Coupling Chemistry at Mononuclear and Dinuclear Nickel Complexes. <i>Synlett</i> , 2011, 2011, 1-5.	1.8	7
27	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
28	Synthetic and Computational Studies of Thiocarbonyl/Alf-Organyl Coupling Reactions. <i>Organometallics</i> , 2008, 27, 5548-5558.	2.3	23