

# Aimin Ge

## List of Publications by Year in descending order

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22  
papers

612  
citations

687363

13  
h-index

677142

22  
g-index

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all docs

22  
docs citations

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times ranked

795  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unraveling the Unstable Nature of Tetraglyme-Based Electrolytes toward Superoxide and the Inhibitory Effect of Lithium Ions by Using In Situ Vibrational Spectroscopies. <i>Journal of Physical Chemistry C</i> , 2022, 126, 2980-2989.	3.1	10
2	Molecular Structures at Nafion/Graphene Interfaces Investigated by Sum-Frequency Generation Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2022, 126, 6523-6530.	3.1	4
3	Effect of Head Group on Low-Level Ozone Oxidation of Unsaturated Phospholipids on a Water Surface. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 486-489.	3.2	8
4	Highly Efficient Plasmon Induced Hot-Electron Transfer at Ag/TiO <sub>2</sub> Interface. <i>ACS Photonics</i> , 2021, 8, 1497-1504.	6.6	30
5	Surface-Ligand "Liquid" to "Crystalline" Phase Transition Modulates the Solar H <sub>2</sub> Production Quantum Efficiency of CdS Nanorod/Mediator/Hydrogenase Assemblies. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 35614-35625.	8.0	16
6	Role of Oxygen in Surface Structures of the Solid-Electrolyte Interphase Investigated by Sum Frequency Generation Vibrational Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2020, 124, 17538-17547.	3.1	21
7	Probing the electrode" solution interfaces in rechargeable batteries by sum-frequency generation spectroscopy. <i>Journal of Chemical Physics</i> , 2020, 153, 170902.	3.0	27
8	On the Coupling of Electron Transfer to Proton Transfer at Electrified Interfaces. <i>Journal of the American Chemical Society</i> , 2020, 142, 11829-11834.	13.7	29
9	In Situ Spectroscopic Investigations of Electrochemical Oxygen Reduction and Evolution Reactions in Cyclic Carbonate Electrolyte Solutions. <i>Journal of Physical Chemistry C</i> , 2020, 124, 15781-15792.	3.1	16
10	Robust Binding of Disulfide-Substituted Rhenium Bipyridyl Complexes for CO <sub>2</sub> Reduction on Gold Electrodes. <i>Frontiers in Chemistry</i> , 2020, 8, 86.	3.6	7
11	Heterogenized Molecular Catalysts: Vibrational Sum-Frequency Spectroscopic, Electrochemical, and Theoretical Investigations. <i>Accounts of Chemical Research</i> , 2019, 52, 1289-1300.	15.6	53
12	Effects of Al <sub>2</sub> O <sub>3</sub> atomic layer deposition on interfacial structure and electron transfer dynamics at Re-bipyridyl complex/TiO <sub>2</sub> interfaces. <i>Chemical Physics</i> , 2018, 512, 68-74.	1.9	6
13	Dopant-Dependent SFG Response of Rhenium CO <sub>2</sub> Reduction Catalysts Chemisorbed on SrTiO <sub>3</sub> (100) Single Crystals. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13944-13952.	3.1	10
14	Electron" Hole-Pair-Induced Vibrational Energy Relaxation of Rhenium Catalysts on Gold Surfaces. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 406-412.	4.6	22
15	CO <sub>2</sub> Reduction Catalysts on Gold Electrode Surfaces Influenced by Large Electric Fields. <i>Journal of the American Chemical Society</i> , 2018, 140, 17643-17655.	13.7	103
16	Surface-Restructuring Differences between Polyrotaxanes and Random Copolymers in Aqueous Environment. <i>Langmuir</i> , 2018, 34, 12463-12470.	3.5	6
17	Interfacial Structure and Electric Field Probed by <i>in Situ</i> Electrochemical Vibrational Stark Effect Spectroscopy and Computational Modeling. <i>Journal of Physical Chemistry C</i> , 2017, 121, 18674-18682.	3.1	77
18	Surface-Induced Anisotropic Binding of a Rhenium CO <sub>2</sub> -Reduction Catalyst on Rutile TiO <sub>2</sub> (110) Surfaces. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20970-20977.	3.1	44

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19	Orientation of Cyano-Substituted Bipyridine Re(I) <i>fac</i> -Tricarbonyl Electrocatalysts Bound to Conducting Au Surfaces. <i>Journal of Physical Chemistry C</i> , 2016, 120, 1657-1665.	3.1	46
20	Molecular orientation of organic thin films on dielectric solid substrates: a phase-sensitive vibrational SFG study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 18072-18078.	2.8	33
21	Structural Reorganization and Fibrinogen Adsorption Behaviors on the Polyrotaxane Surfaces Investigated by Sum Frequency Generation Spectroscopy. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 22709-22718.	8.0	13
22	Interfacial Structure of Soft Matter Probed by <i>SFG</i> Spectroscopy. <i>Chemical Record</i> , 2014, 14, 791-805.	5.8	31