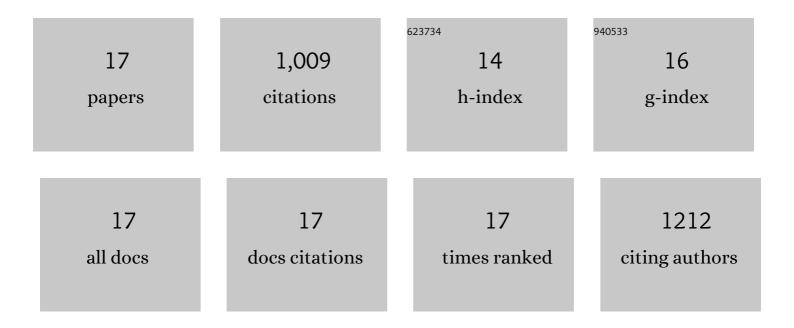
## Lixue Xia

## List of Publications by Year in descending order

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Ι ΙΥΠΕ ΧΙΛ

#	Article	IF	CITATIONS
1	Density Functional Theory for Electrocatalysis. Energy and Environmental Materials, 2022, 5, 157-185.	12.8	95
2	Activating Inert Sites in Cobalt Silicate Hydroxides for Oxygen Evolution through Atomically Doping. Energy and Environmental Materials, 2022, 5, 655-661.	12.8	21
3	Novel Two-Dimensional Metal-Based π-d Conjugated Nanosheets as Photocatalyst for Nitrogen Reduction Reaction: The First-Principle Investigation. ACS Applied Materials & Interfaces, 2022, 14, 5384-5394.	8.0	10
4	Anchoring Subâ€Nanometer Pt Clusters on Crumpled Paperâ€Like MXene Enables High Hydrogen Evolution Mass Activity. Advanced Functional Materials, 2022, 32, .	14.9	86
5	Reversely trapping atoms from a perovskite surface for high-performance and durable fuel cell cathodes. Nature Catalysis, 2022, 5, 300-310.	34.4	175
6	Nanoâ€Ferric Oxide Embedded in Graphene Oxide: Highâ€performance Electrocatalyst for Nitrogen Reduction at Ambient Condition. Energy and Environmental Materials, 2021, 4, 88-94.	12.8	44
7	Firstâ€principles investigations on the synergistic effect of Nâ€dopant and latticeâ€strain for CO 2 reduction to CO on graphene. International Journal of Quantum Chemistry, 2021, 121, e26535.	2.0	0
8	Novel graphitic carbon nitride g-C <sub>9</sub> N <sub>10</sub> as a promising platform to design efficient photocatalysts for dinitrogen reduction to ammonia: the first-principles investigation. Journal of Materials Chemistry A, 2021, 9, 20615-20625.	10.3	21
9	Atomic-Level Modulation of the Interface Chemistry of Platinum–Nickel Oxide toward Enhanced Hydrogen Electrocatalysis Kinetics. Nano Letters, 2021, 21, 4845-4852.	9.1	31
10	Lattice onfined Ir Clusters on Pd Nanosheets with Charge Redistribution for the Hydrogen Oxidation Reaction under Alkaline Conditions. Advanced Materials, 2021, 33, e2105400.	21.0	76
11	MXene Surface Terminations Enable Strong Metal–Support Interactions for Efficient Methanol Oxidation on Palladium. ACS Applied Materials & Interfaces, 2020, 12, 2400-2406.	8.0	77
12	Three-Dimensional Porous Nitrogen-Doped Carbon Nanosheet with Embedded Ni <sub><i>x</i></sub> Co <sub>3–<i>x</i></sub> S <sub>4</sub> Nanocrystals for Advanced Lithium–Sulfur Batteries. ACS Applied Materials & Interfaces, 2020, 12, 9181-9189.	8.0	36
13	Multistep Reaction Pathway for CO 2 Reduction on Hydrideâ€Capped Si Nanosheets. ChemCatChem, 2020, 12, 722-725.	3.7	1
14	Accurate Binding Energies for Lithium Polysulfides and Assessment of Density Functionals for Lithium–Sulfur Battery Research. Journal of Physical Chemistry C, 2019, 123, 20737-20747.	3.1	34
15	Electric field and photoelectrical effect bi-enhanced hydrogen evolution reaction. Nano Research, 2018, 11, 3205-3212.	10.4	17
16	Extrapolation of high-order correlation energies: the WMS model. Physical Chemistry Chemical Physics, 2018, 20, 27375-27384.	2.8	34
17	A 3D Nitrogenâ€Doped Graphene/TiN Nanowires Composite as a Strong Polysulfide Anchor for Lithium–Sulfur Batteries with Enhanced Rate Performance and High Areal Capacity. Advanced Materials, 2018, 30, e1804089.	21.0	251