

Jing Yang

List of Publications by Year in descending order

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9
papers

170
citations

1307594

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1474206

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9
times ranked

334
citing authors

#	ARTICLE	IF	CITATIONS
1	A first-principles study on strain engineering of monolayer stanene for enhanced catalysis of CO ₂ reduction. <i>Chemosphere</i> , 2021, 268, 129317.	8.2	7
2	Synergizing Cu dimers and N atoms in graphene towards an active catalyst for hydrogen evolution reaction. <i>Nanoscale Advances</i> , 2021, 3, 5332-5338.	4.6	1
3	Impact of S-Vacancies on the Charge Injection Barrier at the Electrical Contact with the MoS ₂ Monolayer. <i>ACS Nano</i> , 2021, 15, 2686-2697.	14.6	27
4	Band Nesting Bypass in WS ₂ Monolayers <i>via</i> Förster Resonance Energy Transfer. <i>ACS Nano</i> , 2020, 14, 5946-5955.	14.6	7
5	Tuning the Conductivity Type in Monolayer WS ₂ and MoS ₂ by Sulfur Vacancies. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020, 14, 2000248.	2.4	20
6	High-Performance Colorimetric Room-Temperature NO ₂ Sensing Using Spin-Coated Graphene/Polyelectrolyte Reflecting Film. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 32390-32397.	8.0	13
7	Surface-engineered cobalt oxide nanowires as multifunctional electrocatalysts for efficient Zn-Air batteries-driven overall water splitting. <i>Energy Storage Materials</i> , 2019, 23, 1-7.	18.0	48
8	Detecting MoS ₂ and MoSe ₂ with optical contrast simulation. <i>Progress in Natural Science: Materials International</i> , 2019, 29, 667-671.	4.4	7
9	Electrical Doping Effect of Vacancies on Monolayer MoS ₂ . <i>Journal of Physical Chemistry C</i> , 2019, 123, 2933-2939.	3.1	40