

Hao Tian

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

667
citations

759055

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1125617

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13
docs citations

13
times ranked

1273
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Single-layer Mo ₅ Te ₈ • A new polymorph of layered transition-metal chalcogenide. 2D Materials, 2021, 8, 015006. | 2.0 | 9 |
| 2 | Two-Dimensional Metal-Phosphorus Network. Matter, 2020, 2, 111-118. | 5.0 | 39 |
| 3 | A Shallow Acceptor of Phosphorous Doped in MoSe ₂ Monolayer. Advanced Electronic Materials, 2020, 6, 1900830. | 2.6 | 16 |
| 4 | Unraveling the oxide layer on Mo ₂ C as the active center for hydrogen evolution reaction. Journal of Catalysis, 2020, 389, 461-467. | 3.1 | 38 |
| 5 | Quantum Confined Tomonaga-Luttinger Liquid in Mo ₆ Se ₆ Nanowires Converted from an Epitaxial MoSe ₂ Monolayer. Nano Letters, 2020, 20, 2094-2099. | 4.5 | 27 |
| 6 | An essential descriptor for the oxygen evolution reaction on reducible metal oxide surfaces. Chemical Science, 2019, 10, 3340-3345. | 3.7 | 63 |
| 7 | Visible light driven selective oxidation of amines to imines with BiOCl: Does oxygen vacancy concentration matter?. Applied Catalysis B: Environmental, 2018, 228, 87-96. | 10.8 | 237 |
| 8 | Intrinsic Role of Excess Electrons in Surface Reactions on Rutile TiO ₂ (110): Using Water and Oxygen as Probes. Journal of Physical Chemistry C, 2018, 122, 8270-8276. | 1.5 | 12 |
| 9 | Hole doping in epitaxial MoSe ₂ monolayer by nitrogen plasma treatment. 2D Materials, 2018, 5, 041005. | 2.0 | 16 |
| 10 | Quantum Effects and Phase Tuning in Epitaxial Hexagonal and Monoclinic MoTe ₂ Monolayers. ACS Nano, 2017, 11, 3282-3288. | 7.3 | 46 |
| 11 | One-dimensional phosphorus chain and two-dimensional blue phosphorene grown on Au(111) by molecular-beam epitaxy. Physical Review Materials, 2017, 1, . | 0.9 | 89 |
| 12 | An Innovative Anion Regulation Strategy for Energy Bands of Semiconductors: A Case from Bi ₂ O ₃ to Bi ₂ O(OH)2SO ₄ . Scientific Reports, 2015, 5, 7770. | 1.6 | 36 |
| 13 | Controllable growth of novel BiPO ₄ dendrites by an innovative approach and high energy facets-dependent photocatalytic activity. CrystEngComm, 2014, 16, 8334-8339. | 1.3 | 39 |