

Xinyi Chia

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,828
citations

361413
20
h-index

610901
24
g-index

25
all docs

25
docs citations

25
times ranked

5107
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Tunable Pt-MoS ₂ Hybrid Catalysts for Hydrogen Evolution. ACS Applied Materials & Interfaces, 2018, 10, 8702-8711. | 8.0 | 58 |
| 2 | Nonconductive layered hexagonal boron nitride exfoliation by bipolar electrochemistry. Nanoscale, 2018, 10, 7298-7303. | 5.6 | 51 |
| 3 | Inverse Opal-like Porous MoSe ₂ Films for Hydrogen Evolution Catalysis: Overpotential-Pore Size Dependence. ACS Applied Materials & Interfaces, 2018, 10, 4937-4945. | 8.0 | 36 |
| 4 | Morphological Effects and Stabilization of the Metallic 1T Phase in Layered V-doped WSe ₂ for Electrocatalysis. Chemistry - A European Journal, 2018, 24, 3199-3208. | 3.3 | 38 |
| 5 | Characteristics and performance of two-dimensional materials for electrocatalysis. Nature Catalysis, 2018, 1, 909-921. | 34.4 | 591 |
| 6 | Nanoclay Nanomotors: Nanorobots Constructed from Nanoclay: Using Nature to Create Self-Propelled Autonomous Nanomachines (Adv. Funct. Mater. 40/2018). Advanced Functional Materials, 2018, 28, 1870291. | 14.9 | 1 |
| 7 | Nanorobots Constructed from Nanoclay: Using Nature to Create Self-Propelled Autonomous Nanomachines. Advanced Functional Materials, 2018, 28, 1802762. | 14.9 | 38 |
| 8 | Layered transition metal dichalcogenide electrochemistry: journey across the periodic table. Chemical Society Reviews, 2018, 47, 5602-5613. | 38.1 | 117 |
| 9 | Graphene/Group 5 Transition Metal Dichalcogenide Composites for Electrochemical Applications. Chemistry - A European Journal, 2017, 23, 10430-10437. | 3.3 | 10 |
| 10 | The Origin of MoS ₂ Significantly Influences Its Performance for the Hydrogen Evolution Reaction due to Differences in Phase Purity. Chemistry - A European Journal, 2017, 23, 3169-3177. | 3.3 | 20 |
| 11 | Cancer Therapy: Black Phosphorus Nanoparticles Potentiate the Anticancer Effect of Oxaliplatin in Ovarian Cancer Cell Line (Adv. Funct. Mater. 36/2017). Advanced Functional Materials, 2017, 27, . | 14.9 | 1 |
| 12 | Layered Noble Metal Dichalcogenides: Tailoring Electrochemical and Catalytic Properties. ACS Applied Materials & Interfaces, 2017, 9, 25587-25599. | 8.0 | 51 |
| 13 | 2H to 1T Phase Change in Direct Synthesis of WS ₂ Nanosheets via Solution-Based Electrochemical Exfoliation and Their Catalytic Properties. ACS Applied Materials & Interfaces, 2017, 9, 26350-26356. | 8.0 | 61 |
| 14 | Black Phosphorus Nanoparticles Potentiate the Anticancer Effect of Oxaliplatin in Ovarian Cancer Cell Line. Advanced Functional Materials, 2017, 27, 1701955. | 14.9 | 51 |
| 15 | Unconventionally Layered CoTe ₂ and NiTe ₂ as Electrocatalysts for Hydrogen Evolution. Chemistry - A European Journal, 2017, 23, 11719-11726. | 3.3 | 76 |
| 16 | Layered Platinum Dichalcogenides (PtS ₂ , PtSe ₂ , and PtTe ₂) Electrocatalysis: Monotonic Dependence on the Chalcogen Size. Advanced Functional Materials, 2016, 26, 4306-4318. | 14.9 | 228 |
| 17 | Electrocatalysis of layered Group 5 metallic transition metal dichalcogenides (MX ₂ , M = Tj ETQq1 1 0.784314 rgBT /Overlo | 10.3 | 218 |
| 18 | Layered SnS versus SnS ₂ : Valence and Structural Implications on Electrochemistry and Clean Energy Electrocatalysis. Journal of Physical Chemistry C, 2016, 120, 24098-24111. | 3.1 | 85 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Anti-MoS ₂ Nanostructures: Ti ₂ S and Its Electrochemical and Electronic Properties. ACS Nano, 2016, 10, 112-123. | 14.6 | 18 |
| 20 | Enhancement of electrochemical and catalytic properties of MoS ₂ through ball-milling. Electrochemistry Communications, 2015, 54, 36-40. | 4.7 | 51 |
| 21 | Catalytic and Charge Transfer Properties of Transition Metal Dichalcogenides Arising from Electrochemical Pretreatment. ACS Nano, 2015, 9, 5164-5179. | 14.6 | 184 |
| 22 | Electrochemistry of Nanostructured Layered Transition-Metal Dichalcogenides. Chemical Reviews, 2015, 115, 11941-11966. | 47.7 | 719 |
| 23 | Fluorographites (CF _x) _n Exhibit Improved Heterogeneous Electron-Transfer Rates with Increasing Level of Fluorination: Towards the Sensing of Biomolecules. Chemistry - A European Journal, 2014, 20, 6665-6671. | 3.3 | 46 |
| 24 | Precise Tuning of the Charge Transfer Kinetics and Catalytic Properties of MoS ₂ Materials via Electrochemical Methods. Chemistry - A European Journal, 2014, 20, 17426-17432. | 3.3 | 73 |
| 25 | Bipolar Electrochemistry as a Simple Synthetic Route toward Nanoscale Transition of Mo ₂ B ₅ and W ₂ B ₅ for Enhanced Hydrogen Evolution Reaction. ACS Sustainable Chemistry and Engineering, 0, , . | 6.7 | 6 |