

Jaehoon Ji

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

98
citations

1684188

5
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

134
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Tailoring photoelectrochemical properties of semiconducting transition metal dichalcogenide nanolayers with porphyrin functionalization. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11233-11238. | 5.5 | 28 |
| 2 | Recent progress in 2D hybrid heterostructures from transition metal dichalcogenides and organic layers: properties and applications in energy and optoelectronics fields. <i>Nanoscale</i> , 2022, 14, 10648-10689. | 5.6 | 20 |
| 3 | Layer-Number-Dependent Electronic and Optoelectronic Properties of 2D WSe ₂ -Organic Hybrid Heterojunction. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900637. | 3.7 | 18 |
| 4 | Selective Chemical Modulation of Interlayer Excitons in Atomically Thin Heterostructures. <i>Nano Letters</i> , 2020, 20, 2500-2506. | 9.1 | 14 |
| 5 | High-Performance Supercapacitor Electrodes Based on Composites of MoS ₂ Nanosheets, Carbon Nanotubes, and ZIF-8 Metal-Organic Framework Nanoparticles. <i>ACS Applied Nano Materials</i> , 2022, 5, 1491-1499. | 5.0 | 13 |
| 6 | Understanding the Effects of Dielectric Property, Separation Distance, and Band Alignment on Interlayer Excitons in 2D Hybrid MoS ₂ /WSe ₂ Heterostructures. <i>ACS Applied Electronic Materials</i> , 2021, 3, 3052-3059. | 4.3 | 5 |