

Jiacai Nie

List of Publications by Year in descending order

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14
papers

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1162889

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348
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrostatic gating enhanced persistent photoconductivity at the LaAlO ₃ /SrTiO ₃ interface. Journal of Applied Physics, 2021, 129, .	1.1	5
2	Enhanced Valley Polarization of Bilayer MoSe ₂ with Variable Stacking Order and Interlayer Coupling. Journal of Physical Chemistry Letters, 2021, 12, 5879-5888.	2.1	11
3	Magnetic field controllable planar Hall effect in SrO_4 films. Physical Review B, 2021, 104, .	1.1	3
4	Conductivity enhancement in La-doped Sr ₂ IrO ₄ thin film by charge transfer. Physica B: Condensed Matter, 2020, 590, 411921.	1.3	0
5	Enhancement of the Photoelectrocatalytic H ₂ Evolution on a Rutile-TiO ₂ (001) Surface Decorated with Dendritic MoS ₂ Monolayer Nanoflakes. ACS Applied Energy Materials, 2020, 3, 5756-5764.	2.5	17
6	Strain-Gradient-Induced Modulation of Carrier Density and Mobility at the LaAlO ₃ /SrTiO ₃ Heterointerface. Annalen Der Physik, 2020, 532, 2000155.	0.9	2
7	Enhancement of Rashba spin-orbit coupling by electron confinement at the LaAlO ₃ /SrTiO ₃ interface. Journal of Physics Condensed Matter, 2020, 32, 235003.	0.7	4
8	Mo Concentration Controls the Morphological Transitions from Dendritic to Semicompact, and to Compact Growth of Monolayer Crystalline MoS ₂ on Various Substrates. ACS Applied Materials & Interfaces, 2019, 11, 42751-42759.	4.0	30
9	Formation of Two-dimensional Electron Gas at Amorphous/Crystalline Oxide Interfaces. Scientific Reports, 2018, 8, 404.	1.6	22
10	Large negative magnetoresistance driven by enhanced weak localization and Kondo effect at the interface of LaAl ₃ and Fe-doped LaAlO_3	1.1	18
11	Temperature dependence of the conductive layer thickness at the $\text{SrTiO}_3/\text{LaAlO}_3$ interface. Physical Review B, 2016, 94, .	1.1	10
12	Observation of quantum Griffiths singularity and ferromagnetism at the superconducting $\text{LaAlO}_3/\text{SrTiO}_3$ interface. Physical Review B, 2016, 94, .	1.1	9
13	Electron Reconfiguration and Enhanced Phonon Activation in the Superconducting State of a FeSe _{0.3} Te _{0.7} Single Crystal, as Evidenced by Mössbauer Spectroscopy. Journal of the Physical Society of Japan, 2015, 84, 014701.	0.7	2
14	Tuning the Interlayer Coupling of the Twisted Bilayer Graphene by Molecular Adsorption. Journal of Physical Chemistry C, 2014, 118, 6462-6466.	1.5	15