

Jiacai Nie

List of Publications by Year in descending order

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14
papers

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1163065

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14
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348
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of quantum Griffiths singularity and ferromagnetism at the superconducting $\text{LaAlO}_3/\text{SrTiO}_3$ interface. <i>Physical Review B</i> , 2016, 94.	10.2	49
2	Mo Concentration Controls the Morphological Transitions from Dendritic to Semicompact, and to Compact Growth of Monolayer Crystalline MoS ₂ on Various Substrates. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 42751-42759.	8.0	30
3	Formation of Two-dimensional Electron Gas at Amorphous/Crystalline Oxide Interfaces. <i>Scientific Reports</i> , 2018, 8, 404.	3.3	22
4	Large negative magnetoresistance driven by enhanced weak localization and Kondo effect at the interface of LaAlO_3 and Fe-doped LaAlO_3 .	3.2	18
5	Enhancement of the Photoelectrocatalytic H ₂ Evolution on a Rutile-TiO ₂ (001) Surface Decorated with Dendritic MoS ₂ Monolayer Nanoflakes. <i>ACS Applied Energy Materials</i> , 2020, 3, 5756-5764.	5.1	17
6	Tuning the Interlayer Coupling of the Twisted Bilayer Graphene by Molecular Adsorption. <i>Journal of Physical Chemistry C</i> , 2014, 118, 6462-6466.	3.1	15
7	Enhanced Valley Polarization of Bilayer MoSe ₂ with Variable Stacking Order and Interlayer Coupling. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5879-5888.	4.6	11
8	Temperature dependence of the conductive layer thickness at the $\text{LaAlO}_3/\text{SrTiO}_3$ heterointerface. <i>Physical Review B</i> , 2017, 96, .	3.2	10
9	Electrostatic gating enhanced persistent photoconductivity at the $\text{LaAlO}_3/\text{SrTiO}_3$ interface. <i>Journal of Applied Physics</i> , 2021, 129, .	2.5	5
10	Enhancement of Rashba spin-orbit coupling by electron confinement at the $\text{LaAlO}_3/\text{SrTiO}_3$ interface. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 235003.	1.8	4
11	Magnetic field controllable planar Hall effect in SrTiO_3 films. <i>Physical Review B</i> , 2021, 104, .	3.2	3
12	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. <i>Journal of the Physical Society of Japan</i> , 2015, 84, 014701.	1.6	2
13	Strain-Gradient-Induced Modulation of Carrier Density and Mobility at the $\text{LaAlO}_3/\text{SrTiO}_3$ Heterointerface. <i>Annalen Der Physik</i> , 2020, 532, 2000155.	2.4	2
14	Conductivity enhancement in La-doped Sr ₂ IrO ₄ thin film by charge transfer. <i>Physica B: Condensed Matter</i> , 2020, 590, 411921.	2.7	0