

Yuefeng Nie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4047307/publications.pdf>

Version: 2024-02-01

50
papers

2,856
citations

236833

25
h-index

197736

49
g-index

51
all docs

51
docs citations

51
times ranked

4362
citing authors

#	ARTICLE	IF	CITATIONS
1	Freestanding crystalline oxide perovskites down to the monolayer limit. <i>Nature</i> , 2019, 570, 87-90.	13.7	398
2	Epitaxial growth of wafer-scale molybdenum disulfide semiconductor single crystals on sapphire. <i>Nature Nanotechnology</i> , 2021, 16, 1201-1207.	15.6	339
3	Exploiting dimensionality and defect mitigation to create tunable microwave dielectrics. <i>Nature</i> , 2013, 502, 532-536.	13.7	204
4	Interplay of Spin-Orbit Interactions, Dimensionality, and Octahedral Rotations in Semimetallic SrIrO_3 . <i>Physical Review Letters</i> , 2015, 114, 016401.	2.9	189
5	Atomic-scale control of competing electronic phases in ultrathin LaNiO_3 . <i>Nature Nanotechnology</i> , 2014, 9, 443-447.	15.6	183
6	Uniform nucleation and epitaxy of bilayer molybdenum disulfide on sapphire. <i>Nature</i> , 2022, 605, 69-75.	13.7	174
7	Real-space charge-density imaging with sub-Ångström resolution by four-dimensional electron microscopy. <i>Nature</i> , 2019, 575, 480-484.	13.7	127
8	Single particle tunneling spectrum of superconducting $\text{Nd}_{1-x}\text{Sr}_x\text{NiO}_2$ thin films. <i>Nature Communications</i> , 2020, 11, 6027.	5.8	109
9	Suppression of superconductivity in FeSe films under tensile strain. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	98
10	Atomically precise interfaces from non-stoichiometric deposition. <i>Nature Communications</i> , 2014, 5, 4530.	5.8	91
11	High-density switchable skyrmion-like polar nanodomains integrated on silicon. <i>Nature</i> , 2022, 603, 63-67.	13.7	79
12	Solution-Processed Monolithic All-Perovskite Triple-Junction Solar Cells with Efficiency Exceeding 20%. <i>ACS Energy Letters</i> , 2020, 5, 2819-2826.	8.8	69
13	Oxygen evolution reaction electrocatalysis on SrIrO_3 grown using molecular beam epitaxy. <i>Journal of Materials Chemistry A</i> , 2016, 4, 6831-6836.	5.2	62
14	Impact of valence states on the superconductivity of iron telluride and iron selenide films with incorporated oxygen. <i>Physical Review B</i> , 2012, 85, .	1.1	51
15	Electronic structure of ferromagnetic semiconductor CrGeTe_3 by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2018, 98, .		
16	Superconductivity induced in iron telluride films by low-temperature oxygen incorporation. <i>Physical Review B</i> , 2010, 82, .	1.1	42
17	Giant Uniaxial Strain Ferroelectric Domain Tuning in Freestanding PbTiO_3 Films. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901604. Nodeless Superconducting Phase Arising from a Strong (T_j ETQq0 0 0 rgBT /Overlock 10 Tf 50 87 Td (xmlns:mml="http://w	1.9	41
18	Electron-Doped SrIrO_3	2.9	40

#	ARTICLE	IF	CITATIONS
19	Magnetic phase separation in SrCoOx (2.5x10 ⁻³). Applied Physics Letters, 2011, 99, 052503.		37
20	Chemically specific termination control of oxide interfaces via layer-by-layer mean inner potential engineering. Nature Communications, 2018, 9, 2965. Correlated vs. conventional insulating behavior in the	5.8	34
21	Evidence for Topologically Protected Surface States and a Superconducting Phase in		
22	$\left[\text{Ti} \right]$		

#	ARTICLE	IF	CITATIONS
37	An efficient and reliable growth method for epitaxial complex oxide films by molecular beam epitaxy. Applied Physics Letters, 2017, 111, .	1.5	12
38	Mott insulator to metal transition driven by oxygen incorporation in epitaxial LaTiO ₃ films. Applied Physics Letters, 2019, 115, .	1.5	12
39	Temperature-sensitive spatial distribution of defects in PdSe_2 flakes. Physical Review Materials, 2021, 5, .	0.6	1
40	Suppression of magnetic phase separation in epitaxial SrCoO _X films. Applied Physics Letters, 2013, 102, 152402.	1.5	9
41	Low temperature crystal structure and large lattice discontinuity at T _c in superconducting FeTeO _x films. Applied Physics Letters, 2013, 103, .	1.5	9
42	Unsaturated magnetoconductance of epitaxial La _{0.7} Sr _{0.3} MnO ₃ thin films in pulsed magnetic fields up to 60 T. AIP Advances, 2017, 7, 056404.	0.6	7
43	Manipulation of Gilbert damping in ultrathin half-metallic Co ₂ FeAl _{1+x} by composition-deficiency-compensation. Applied Physics Letters, 2020, 116, .	1.5	7
44	Synergistic Role of Eg Filling and Anion-Cation Hybridization in Enhancing the Oxygen Evolution Reaction Activity in Nickelates. ACS Applied Energy Materials, 0, , .	2.5	7
45	Electronic and transport properties in Ruddlesden-Popper neodymium nickelates $\text{Nd}_{1-x}\text{Ni}_x\text{O}_{3-2x}$		