

Rainer Jany

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

510
citations

1307594
7
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

1034
citing authors

#	ARTICLE	IF	CITATIONS
1	Interface superconductor with gap behaviour like a high-temperature superconductor. Nature, 2013, 502, 528-531.	27.8	209
2	Locally enhanced conductivity due to the tetragonal domain structure in LaAlO ₃ /SrTiO ₃ heterointerfaces. Nature Materials, 2013, 12, 1091-1095.	27.5	172
3	Monolithically Integrated Circuits from Functional Oxides. Advanced Materials Interfaces, 2014, 1, 1300031.	3.7	49
4	Spatial inhomogeneities at the LaAlO ₃ /SrTiO ₃ interface: Evidence from second harmonic generation. Physical Review B, 2012, 86, .	3.2	25
5	Diodes with breakdown voltages enhanced by the metal-insulator transition of LaAlO ₃ ∕SrTiO ₃ interfaces. Applied Physics Letters, 2010, 96, 183504.	3.3	21
6	Electric-Field-Induced Polar Order and Localization of the Confined Electrons in $\text{LaAlO}_3/\text{SrTiO}_3$ interfaces. Physical Review Letters, 2013, 110, 136805.	7.8	18
7	Detection and imaging of the oxygen deficiency in single crystalline YBa ₂ Cu ₃ O _{7-δ} thin films using a scanning positron beam. Applied Physics Letters, 2015, 106, .	3.3	10
8	Impact of oxygen diffusion on superconductivity in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin films studied by positron annihilation spectroscopy. Physical Review B, 2018, 97, .	3.2	6