

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