Tobias RÃ¶del

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4326257/publications.pdf

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19	858	623734	794594
papers	citations	14 h-index	19 g-index

19	19	19	1647
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fermi-Level Splitting of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:mi>Cu</mml:mi></mml:math> -Poor and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:mi>Cu</mml:mi></mml:math> -Rich <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>Cu</mml:mi><mml:mi>In</mml:mi></mml:mrow>	3.8	30
2	Angle resolved photoemission spectroscopy study of the spin-charge separation in the strongly correlated cuprates SrCuO2 and Sr2CuO3 with Sâ€¯=â€¯0 impurities. Journal of Electron Spectroscopy and Related Phenomena, 2018, 225, 49-54.	1.7	2
3	Gate-tunable superconductivity at SrTiO3 surface realized by Al layer evaporation. Journal of Applied Physics, 2018, 124, .	2.5	7
4	High-density two-dimensional electron system induced by oxygen vacancies in ZnO. Physical Review Materials, 2018, 2, .	2.4	14
5	2D surprises at the surface of 3D materials: Confined electron systems in transition metal oxides. Journal of Electron Spectroscopy and Related Phenomena, 2017, 219, 16-28.	1.7	13
6	Two-dimensional electron systems in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi><mml:msub><mml:mi>TiO</mml:mi><mml:m perovskites (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:m	3.2	15
7	Two-dimensional electron system at the magnetically tunable <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>EuO</mml:mi><mml:mtext>/</mml:mtext> interface. Physical Review Materials, 2017, 1, .	2.4	22
8	Universal Fabrication of 2D Electron Systems in Functional Oxides. Advanced Materials, 2016, 28, 1976-1980.	21.0	129
9	Imaging of room-temperature ferromagnetic nano-domains at the surface of a non-magnetic oxide. Nature Communications, 2016, 7, 11781.	12.8	30
10	Hubbard band versus oxygen vacancy states in the correlated electron metal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrVO</mml:mi><mml:mn>3</mml:mn> Physical Review B, 2016, 94, .	3.2	46
11	ARPES view on surface and bulk hybridization phenomena in the antiferromagnetic Kondo lattice CeRh2Si2. Nature Communications, 2016, 7, 11029.	12.8	58
12	Engineering two-dimensional electron gases at the (001) and (101) surfaces of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">TiO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>anatase using light. Physical Review B, 2015, 92, .	3.2	51
13	Giant spin splitting of the two-dimensional electron gas at the surface of SrTiO3. Nature Materials, 2014, 13, 1085-1090.	27.5	137
14	Orientational Tuning of the Fermi Sea of Confined Electrons at the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>SrTiO</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></ and (111) Surfaces. Physical Review Applied, 2014, 1, .	3.8	69
15	Two-dimensional electron gas with six-fold symmetry at the (111) surface of KTaO3. Scientific Reports, 2014, 4, 3586.	3.3	53
16	High spatial resolution Raman thermometry analysis of TiO2 microparticles. Review of Scientific Instruments, 2013, 84, 104906.	1.3	15
17	Spectro-microscopic measurements of carbonaceous aerosol aging in Central California. Atmospheric Chemistry and Physics, 2013, 13, 10445-10459.	4.9	56
18	Iron speciation and mixing in single aerosol particles from the Asian continental outflow. Journal of Geophysical Research, 2012, 117, .	3.3	59

#	Article	IF	Citations
19	Heterogeneous ice nucleation and water uptake by fieldâ€collected atmospheric particles below 273 K. Journal of Geophysical Research, 2012, 117, .	3.3	52