Von Braun Nascimento

List of Publications by Year
in descending order

23	518	759233 12	677142 22
papers	citations	h-index	g-index

24	24	24	1029
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Strained ultra-thin films of BaO: a molecular dynamics investigation. Journal of Physics: Conference Series, 2020, 1483, 012012.	0.4	2
2	Novel ferroelectric phase in bulk BaO obtained by application of anisotropic strain. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	1
3	Formation of Bi_xSe_y Phases Upon Annealing of the Topological Insulator Bi₂Se₃: Stabilization of In-Depth Bismuth Bilayers. Journal of Physical Chemistry Letters, 2018, 9, 954-960.	4.6	10
4	Surface atomic structure of epitaxial<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>LaNiO</mml:mi><mml:mn>3</mml:mn></mml:msub></m films studied byin situLEED-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>I</mml:mi><mml:mo>(</mml:mo><mml:mi>V</mml:mi>< Physical Review B, 2017, 95, .	3.2	7
5	Hidden phases revealed at the surface of double-layeredSr3(Ru1â^'xMnx)2O7. Physical Review B, 2016, 94, .	3.2	7
6	Differential evolution: Global search problem in LEED-IV surface structural analysis. Materials Characterization, 2015, 100, 143-151.	4.4	5
7	Role of Antiferromagnetic Ordering in the (1Ã—2) Surface Reconstruction ofCa(Fe1â^'xCox)2As2. Physical Review Letters, 2014, 112, 077205.	7.8	7
8	SURFACES OF TRANSITION-METAL COMPOUNDS: THE INTERPLAY BETWEEN STRUCTURE AND FUNCTIONALITY. , 2013, , 215-267.		0
9	Surface and bulk structural properties of single-crystalline<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Sr</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msu Physical Review B, 2010, 81, .	3.2	19
10	Surface Geometric and Electronic Structures of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:mi><mml:m stretchy="false">(</mml:mo><mml:mn>001</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 367 Td (stretchy="false">)</mm	7.8	59
11	Surface-Stabilized Nonferromagnetic Ordering of a Layered Ferromagnetic Manganite. Physical Review Letters, 2009, 103, 227201.	7.8	13
12	Atomistic Screening Mechanism of Ferroelectric Surfaces: An In Situ Study of the Polar Phase in Ultrathin BaTiO₃ Films Exposed to H₂O. Nano Letters, 2009, 9, 3720-3725.	9.1	73
13	Polar distortion in ultrathinBaTiO3films studied byin situLEEDIâ^'V. Physical Review B, 2008, 77, .	3.2	29
14	Manifestations of Broken Symmetry: The Surface Phases of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ca</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi> Physical Review Letters, 2008, 100, 066102.	7.8	19
15	Procedure for LEEDIâ^'Vstructural analysis of metal oxide surfaces:Ca1.5Sr0.5RuO4(001). Physical Review B, 2007, 75, .	3.2	27
16	A Surface-Tailored, Purely Electronic, Mott Metal-to-Insulator Transition. Science, 2007, 318, 615-619.	12.6	67
17	Structural study of the Ag(110)c(2Ã—2)â€“Sb phase by low energy electron diffraction. Surface Science, 2004, 572, 337-346.	1.9	13
18	Thermal expansion of the Ag(110) surface studied by low-energy electron diffraction and density-functional theory. Physical Review B, 2003, 68, .	3.2	18

#	Article	IF	Citations
19	The fast simulated annealing algorithm applied to the search problem in LEED. Surface Science, 2001, 487, 15-27.	1.9	24
20	THE SIMULATED ANNEALING GLOBAL SEARCH ALGORITHM APPLIED TO THE CRYSTALLOGRAPHY OF SURFACES BY LEED. Surface Review and Letters, 1999, 06, 651-661.	1.1	11
21	XPS and EELS study of the bismuth selenide. Journal of Electron Spectroscopy and Related Phenomena, 1999, 104, 99-107.	1.7	72
22	Structure determination of Ag(111) by low-energy electron diffraction. Surface Science, 1999, 419, 89-96.	1.9	25
23	A layer-by-layer study of CdTe(110) surface Debye temperature and thermal vibrations by low energy electron diffraction. Surface Science, 1999, 431, 74-83.	1.9	10