

Michael S Pierce

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

615
citations

623734

14
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

888
citing authors

#	ARTICLE	IF	CITATIONS
1	Ordered Si Micropillar Arrays via Carbon-Nanotube-Assisted Chemical Etching for Applications Requiring Nonreflective Embedded Contacts. ACS Applied Nano Materials, 2019, 2, 7819-7826.	5.0	14
2	Layering and Ordering in Electrochemical Double Layers. Journal of Physical Chemistry Letters, 2018, 9, 1265-1271.	4.6	26
3	Direct determination of one-dimensional interphase structures using normalized crystal truncation rod analysis. Journal of Applied Crystallography, 2018, 51, 679-684.	4.5	6
4	Lubricating ability of two phosphonium-based ionic liquids as additives of a bio-oil for use in wind turbines gearboxes. Wear, 2017, 376-377, 756-765.	3.1	38
5	Studies of electrode structures and dynamics using coherent X-ray scattering and imaging. Current Opinion in Electrochemistry, 2017, 4, 89-94.	4.8	7
6	Strong Spin Pumping in Permalloy-Iridium Heterostructures. IEEE Magnetics Letters, 2017, 8, 1-4.	1.1	8
7	Investigation on the Gate Electrode Configuration of IGZO TFTs for Improved Channel Control and Suppression of Bias-Stress Induced Instability. ECS Transactions, 2016, 75, 189-197.	0.5	3
8	Interaction of Molecular Oxygen with a Hexagonally Reconstructed Au(001) Surface. Journal of Physical Chemistry C, 2016, 120, 23001-23008.	3.1	0
9	Partial glass isosymmetry transition in multiferroic hexagonalErMnO3. Physical Review B, 2016, 93, .	3.2	7
10	Phase separation, crystallinity and monomer-aggregate population control in solution processed small molecule solar cells. Solar Energy Materials and Solar Cells, 2016, 157, 366-376.	6.2	22
11	Charge-induced equilibrium dynamics and structure at the Ag(001)â€“electrolyte interface. Physical Chemistry Chemical Physics, 2015, 17, 16682-16687.	2.8	12
12	Ptychographic x-ray imaging of surfaces on crystal truncation rod. Applied Physics Letters, 2015, 106, .	3.3	16
13	Growth of arrays of oriented epitaxial platinum nanoparticles with controlled size and shape by natural colloidal lithography. Nanoscale Research Letters, 2014, 9, 336.	5.7	1
14	Influence of structural disorder on magnetic domain formation in perpendicular anisotropy thin films. Physical Review B, 2013, 87, .	3.2	41
15	Epitaxial oxide bilayer on Pt (001) nanofacets. Journal of Chemical Physics, 2012, 136, 044704.	3.0	4
16	Dynamics of the Au (001) surface in electrolytes: <i>In situ</i> coherent x-ray scattering. Physical Review B, 2012, 86, .	3.2	13
17	Coherent x-ray scattering experiments of Pt(001) surface dynamics near a roughening transition. Physical Review B, 2012, 86, .	3.2	7
18	Study of electrode surface dynamics using coherent surface X-ray scattering. Electrochimica Acta, 2012, 82, 570-575.	5.2	13

#	ARTICLE	IF	CITATIONS
19	Persistent oscillations of x-ray speckles: Pt (001) step flow. Applied Physics Letters, 2011, 99, 121910.	3.3	15
20	In Situ Coherent X-ray Scattering and Scanning Tunneling Microscopy Studies of Hexagonally Reconstructed Au(001) in Electrolytes. ECS Transactions, 2011, 35, 71-81.	0.5	4
21	Surface X-Ray Speckles: Coherent Surface Diffraction from Au(001). Physical Review Letters, 2009, 103, 165501.	7.8	41
22	Hydrophilicity transition of the clean rutile TiO ₂ (1 1 0) surface. Electrochimica Acta, 2008, 53, 6173-6177.	5.2	30
23	CO-Induced Lifting of Au(001) Surface Reconstruction. Journal of Physical Chemistry C, 2008, 112, 2231-2234.	3.1	18
24	Disorder-induced magnetic memory: Experiments and theories. Physical Review B, 2007, 75, .	3.2	68
25	Disorder-Induced Microscopic Magnetic Memory. Physical Review Letters, 2005, 94, 017202.	7.8	100
26	Quasistatic X-Ray Speckle Metrology of Microscopic Magnetic Return-Point Memory. Physical Review Letters, 2003, 90, 175502.	7.8	82
27	Problems with extraction of the nucleon ρ (1232) photonic amplitudes. Physical Review C, 1999, 59, 1059-1063.	2.9	19