

Peter A Jacobson

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,708
citations

623188

14
h-index

580395

25
g-index

25
all docs

25
docs citations

25
times ranked

3345
citing authors

#	ARTICLE	IF	CITATIONS
1	Ternary metal oxide substrates for superconducting circuits. <i>Materials for Quantum Technology</i> , 2022, 2, 025004.	1.2	3
2	Inverted Conformation Stability of a Motor Molecule on a Metal Surface. <i>Journal of Physical Chemistry C</i> , 2022, 126, 9034-9040.	1.5	5
3	Near-field terahertz nanoscopy of coplanar microwave resonators. <i>Applied Physics Letters</i> , 2021, 119, .	1.5	10
4	Adsorption and Motion of Single Molecular Motors on TiO ₂ (110). <i>Journal of Physical Chemistry C</i> , 2020, 124, 24776-24785.	1.5	5
5	Potential energyâ€“driven spin manipulation via a controllable hydrogen ligand. <i>Science Advances</i> , 2017, 3, e1602060.	4.7	13
6	Correlation-driven transport asymmetries through coupled spins in a tunnel junction. <i>Nature Communications</i> , 2017, 8, 14119.	5.8	17
7	Quantum engineering of spin and anisotropy in magnetic molecular junctions. <i>Nature Communications</i> , 2015, 6, 8536.	5.8	68
8	TiO ₂ Anatase with a Bandgap in the Visible Region. <i>Nano Letters</i> , 2014, 14, 6533-6538.	4.5	531
9	Nickel Carbide as a Source of Grain Rotation in Epitaxial Graphene. <i>ACS Nano</i> , 2012, 6, 3564-3572.	7.3	77
10	Disorder and Defect Healing in Graphene on Ni(111). <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 136-139.	2.1	65
11	Trapping Nitric Oxide by Surface Hydroxyls on Rutile TiO ₂ (110). <i>Journal of Physical Chemistry C</i> , 2012, 116, 1887-1891.	1.5	36
12	Bulk and surface characterization of In ₂ O ₃ (001) single crystals. <i>Physical Review B</i> , 2012, 85, .	1.1	62
13	Room Temperature Water Splitting at the Surface of Magnetite. <i>Journal of the American Chemical Society</i> , 2011, 133, 12650-12655.	6.6	127
14	A metastable Fe(A) termination at the Fe ₃ O ₄ (001) surface. <i>Surface Science</i> , 2011, 605, L42-L45.	0.8	42
15	Semiconductorâ€“half metal transition at the Fe ₃ O ₄ (001) surface upon hydrogen adsorption. <i>Physical Review B</i> , 2010, 82, .	1.1	87
16	Correlation between Bonding Geometry and Band Gap States at Organicâ€“Inorganic Interfaces: Catechol on Rutile TiO ₂ (110). <i>Journal of the American Chemical Society</i> , 2009, 131, 980-984.	6.6	169
17	Small Au and Pt Clusters at the Anatase TiO ₂ (101) Surface:â€“ Behavior at Terraces, Steps, and Surface Oxygen Vacancies. <i>Journal of the American Chemical Society</i> , 2008, 130, 370-381.	6.6	276
18	Decomposition of catechol and carbonaceous residues on TiO ₂ (110): A model system for cleaning of extreme ultraviolet lithography optics. <i>Journal of Vacuum Science & Technology B</i> , 2008, 26, 2236-2240.	1.3	13

#	ARTICLE	IF	CITATIONS
19	Activated Water Desorption from Poly(methylvinylidene cyanide). Journal of Physical Chemistry B, 2007, 111, 7742-7746.	1.2	4
20	Polyvinylidene fluoride-trifluoroethylene as a reservoir for absorbed water. Materials Letters, 2007, 61, 1137-1141.	1.3	11
21	Evidence for an Influence of Local Dipole Excitations in Thermal Desorption. Journal of Physical Chemistry B, 2006, 110, 7944-7950.	1.2	18
22	Water Absorption and Desorption from the Dipole Ordered Polymer Poly(methylvinylidene cyanide). Journal of Physical Chemistry B, 2006, 110, 15389-15392.	1.2	6
23	Water Adsorption on and Desorption from Crystalline Copolymers of Vinylidene Fluoride with Trifluoroethylene. Journal of Physical Chemistry B, 2005, 109, 532-535.	1.2	14
24	Water absorption and dielectric changes in crystalline poly(vinylidene fluoride-trifluoroethylene) copolymer films. Applied Physics Letters, 2004, 84, 88-90.	1.5	45
25	The elimination of the influence of ambient environmental effects on the structure of 'inert' polymers. Journal of Applied Crystallography, 2004, 37, 672-674.	1.9	4