Khuong P Ong

List of Publications by Year
in descending order

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28	2,027	304743	477307
papers	citations	22 h-index	29 g-index

29	29	29	3964
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Origin of giant electric-field-induced strain in faulted alkali niobate films. Nature Communications, 2022, 13, .	12.8	11
2	Giant piezoelectricity in oxide thin films with nanopillar structure. Science, 2020, 369, 292-297.	12.6	86
3	Multi Band Gap Electronic Structure in CH3NH3PbI3. Scientific Reports, 2019, 9, 2144.	3.3	26
4	Growth of centimeter-sized [(CH₃)₂NH₂][Mn(HCOO)₃] hybrid formate perovskite single crystals and Raman evidence of pressure-induced phase transitions. New Journal of Chemistry, 2017, 41, 151-159.	2.8	31
5	Perspective: n-type oxide thermoelectrics via visual search strategies. APL Materials, 2016, 4, .	5.1	42
6	Transparent conducting properties of SrSnO₃ and ZnSnO₃. APL Materials, 2015, 3, 062505.	5.1	65
7	Enhanced photovoltaic effects and switchable conduction behavior in BiFe0.6Sc0.4O3 thin films. Acta Materialia, 2015, 88, 83-90.	7.9	37
8	Stable Ferroelectric Perovskite Structure with Giant Axial Ratio and Polarization in Epitaxial BiFe_{0.6}Ga_{0.4}O₃ Thin Films. ACS Applied Materials & Interfaces, 2015, 7, 2648-2653.	8.0	38
9	Mechanical Origin of the Structural Phase Transition in Methylammonium Lead Iodide CH₃NH₃PbI₃. Journal of Physical Chemistry Letters, 2015, 6, 681-685.	4.6	63
10	Stabilization of 4H hexagonal phase in gold nanoribbons. Nature Communications, 2015, 6, 7684.	12.8	215
11	Ferroelectricity of CH₃NH₃PbI₃ Perovskite. Journal of Physical Chemistry Letters, 2015, 6, 1155-1161.	4.6	295
12	Structural Evolution in Methylammonium Lead Iodide CH₃NH₃PbI₃. Journal of Physical Chemistry A, 2015, 119, 11033-11038.	2.5	66
13	Strain effects on the band gap and optical properties of perovskite SrSnO3 and BaSnO3. Applied Physics Letters, 2014, 104, .	3.3	108
14	Simultaneous reduction in leakage current and enhancement in magnetic moment in BiFeO₃ nanofibers via optimized Sn doping. Physica Status Solidi - Rapid Research Letters, 2014, 8, 653-657.	2.4	13
15	Structural Instability of Epitaxial (001) BiFeO3 Thin Films under Tensile Strain. Scientific Reports, 2014, 4, 4631.	3.3	27
16	Three-dimensional magnetism and coupling to the conduction electrons in PdCrO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 85, .	3.2	14
17	Origin of a Tetragonal BiFeO₃ Phase with a Giant c/a Ratio on SrTiO₃ Substrates. Advanced Functional Materials, 2012, 22, 937-942.	14.9	61
18	Analysis of the thermoelectric properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>n</mml:mi></mml:mrow></mml:math>-type ZnO. Physical Review B, 2011, 83, .	3.2	265

#	ARTICLE	IF	CITATIONS
19	Origin of anisotropy and metallic behavior in delafossite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>PdCoO</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2010, 81, .	3.2	49
20	The Influence of Out-of-Plane Deformation on the Band Gap of Graphene Nanoribbons. Journal of Physical Chemistry C, 2010, 114, 12749-12753.	3.1	21
21	Unusual Transport and Strongly Anisotropic Thermopower in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>PtCoO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>PdCoO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2010, 104, 176601.	7.8	82
22	Relative effects of all chemical elements on the electrical conductivity of metal and alloys: An alternative to Norburyâ€“Linde rule. Journal of Alloys and Compounds, 2009, 478, 345-354.	5.5	15
23	Electrical conductivity and performance of doped LaCrO3 perovskite oxides for solid oxide fuel cells. Journal of Power Sources, 2008, 176, 82-89.	7.8	167
24	Realizing the semiconducting state of delafossite AgFeO2 by GGA+U calculations. Journal of Alloys and Compounds, 2008, 449, 366-370.	5.5	20
25	Origin of the light green color and electronic ground state ofLaCrO3. Physical Review B, 2008, 77, .	3.2	63
26	Optimization of electrical conductivity of LaCrO3 through doping: A combined study of molecular modeling and experiment. Applied Physics Letters, 2007, 90, 044109.	3.3	26
27	Electronic Structure and Optical Properties of AFeO2(A = Ag, Cu) within GGA Calculations. Chemistry of Materials, 2007, 19, 634-640.	6.7	95
28	Electronic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi></mml:math>-site substituted lead zirconate titanate: Density functional calculations. Physical Review B, 2007, 76, .	3.2	25