

Yu Sui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1552224/publications.pdf>

Version: 2024-02-01

49
papers

1,407
citations

393982

19
h-index

329751

37
g-index

49
all docs

49
docs citations

49
times ranked

1929
citing authors

#	ARTICLE	IF	CITATIONS
1	High Temperature Thermoelectric Response of Electron-Doped CaMnO_3 . Chemistry of Materials, 2009, 21, 4653-4660.	3.2	149
2	Temperature- and magnetic-field-induced magnetization reversal in perovskite $\text{YFe}_{0.5}\text{Cr}_{0.5}\text{O}_3$. Applied Physics Letters, 2011, 98, .	1.5	137
3	High temperature thermoelectric characteristics of $\text{Ca}_{0.9}\text{R}_{0.1}\text{MnO}_3$ (R=La,Pr,â€¦,Yb). Journal of Applied Physics, 2008, 104, .	1.1	109
4	Enhanced high temperature thermoelectric characteristics of transition metals doped $\text{Ca}_3\text{Co}_4\text{O}_9$ by cold high-pressure fabrication. Journal of Applied Physics, 2010, 107, .	1.1	102
5	Origin of colossal dielectric permittivity of rutile $\text{Ti}_{0.9}\text{In}_{0.05}\text{Nb}_{0.05}\text{O}_2$: single crystal and polycrystalline. Scientific Reports, 2016, 6, 21478.	1.6	93
6	The contribution of doped-Al to the colossal permittivity properties of $\text{Al}_x\text{Nb}_{0.03}\text{Ti}_{0.97}\text{O}_2$ rutile ceramics. Journal of Materials Chemistry C, 2016, 4, 6798-6805. skites RTiO $\langle \text{mml:math} \text{ xmlns:mml= "http://www.w3.org/1998/Math/MathML" display= "inline" } \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle$	2.7	90
7			

#	ARTICLE	IF	CITATIONS
19	Superconductivity in WP single crystals. <i>Physical Review B</i> , 2019, 99, .	1.1	21
20	Enhancement of thermoelectric efficiency in (Ca,Dy)MnO ₃ â“(Ca,Yb)MnO ₃ solid solutions. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	19
21	Band gap engineering of N-alloyed Ga ₂ O ₃ thin films. <i>AIP Advances</i> , 2016, 6, 065016.	0.6	19
22	Effects of Gd Doping and Oxygen Vacancies on the Properties of EuO Films Prepared via Pulsed Laser Deposition. <i>IEEE Transactions on Magnetics</i> , 2010, 46, 1879-1882.	1.2	18
23	Large reversible magnetocaloric effect in HoTiO ₃ single crystal. <i>Journal of Applied Physics</i> , 2011, 110, 083912.	1.1	18
24	First-order phase transition characteristic of the high temperature metalâ“semiconductor transition in [Ca ₂ CoO ₃] _{0.62} [CoO ₂]. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 94, 911-916.	1.1	16
25	Influence of Y ³⁺ doping on the high-temperature transport mechanism and thermoelectric response of misfit-layered Ca ₃ Co ₄ O ₉ . <i>Applied Physics A: Materials Science and Processing</i> , 2010, 99, 451-458.	1.1	16
26	Ultralong aligned single-walled carbon nanotubes on flexible fluorphlogopite mica for strain sensors. <i>Nano Research</i> , 2012, 5, 443-449.	5.8	16
27	Demonstration of the donor characteristics of Si and O defects in GaN using hybrid QM/MM. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1600445.	0.8	16
28	First principles study of isostructural phase transition in Sb ₂ Te ₃ under high pressure. <i>Physica Status Solidi - Rapid Research Letters</i> , 2015, 9, 379-383.	1.2	13
29	Correlation of structural distortion with magnetic properties in electron-doped Ca _{0.9} R _{0.1} MnO ₃ perovskites (R=rare-earth). <i>Journal of Applied Physics</i> , 2010, 108, 063928.	1.1	11
30	Anderssonâ“MagnÃ“li Phases Ti _n O _{2n-1} : Recent Progress Inspired by Swedish Scientists. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 126-133.	0.6	11
31	A new Heusler compound Cu ₂ FeAl: electronic structure, magnetism and transport properties. <i>Physica Status Solidi A</i> , 2004, 201, 1570-1577.	1.7	10
32	Large-area synthesis of monolayer Mo _x Te _{2-x} alloys by chemical vapor deposition. <i>Applied Physics Letters</i> , 2019, 115, 063105.	1.5	10
33	Pressure-Induced Metallization and Structural Phase Transition in the Quasi-One-Dimensional TlFeSe ₂ *. <i>Chinese Physics Letters</i> , 2020, 37, 047102.	1.3	9
34	Optimization and expansion of the Schiff base [Znâ“Dy] unit to enhance the performance of single molecule magnetic materials. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4843-4850.	2.7	9
35	Amplification of magnetoresistance and Hall effect of Fe ₃ O ₄ â“SiO ₂ â“Si structure. <i>Journal of Applied Physics</i> , 2009, 105, 07B101.	1.1	8
36	Spin glass behavior in Sr ₂ Mn _{0.7} Fe _{0.3} MoO ₆ . <i>Journal of Applied Physics</i> , 2011, 109, 07C322.	1.1	8

#	ARTICLE	IF	CITATIONS
37	Spin rotation driven ferroelectric polarization with a 180° flop in double-perovskite Lu ₂ CoMnO ₆ . RSC Advances, 2015, 5, 43432-43439.	1.7	8
38	Effect of Oxygen-deficiencies on Resistance Switching in Amorphous YFe _{0.5} Cr _{0.5} O ₃ films. Scientific Reports, 2016, 6, 30335.	1.6	8
39	Large Size Single Crystal Growth of Ti ₄ O ₇ by the Floating-Zone Method. Crystal Growth and Design, 2019, 19, 730-736.	1.4	6
40	Large reversible magnetocaloric effect in TmTiO ₃ single crystal. Journal of Applied Physics, 2012, 111, 07A925.	1.1	5
41	Asymmetric ferromagnetic criticality in pyrochlore ferromagnet Lu ₂ V ₂ O ₇ . Science Bulletin, 2019, 64, 1222-1227.	4.3	5
42	Enhanced orbital fluctuations in Mg-doped Mn_2VO_4 . https://doi.org/10.1103/PhysRevB.102.040401	1.1	4
43	Unusual magnetic structure and magnetoelectric effect in spinel Mn_2VO_4 . https://doi.org/10.1103/PhysRevB.102.040401	1.1	4
44	Seebeck coefficient of Ln _x Ca _{1-x} MnO ₃ perovskites in paramagnetic state. Applied Physics A: Materials Science and Processing, 2011, 104, 135-142.	1.1	3
45	Enhanced thermoelectric performance of Ag _{0.8} Pb ₁₈ SbTe ₂₀ alloyed with Se. Physica Status Solidi (A) Applications and Materials Science, 2012, 209, 1124-1127.	0.8	2
46	Strain-engineered atomic-layer movements and valence-band maximum shifts in a two-dimensional single quintuple film of Bi ₂ Te ₃ . Physica Status Solidi (B): Basic Research, 2017, 254, 1600362.	0.7	2
47	Positive exchange bias of EuO _{1-x} films. Journal of Magnetism and Magnetic Materials, 2020, 496, 165900.	1.0	2
48	Improvement of magnetostriction performance by doping Mg in spinel MnV ₂ O ₄ . Applied Physics Letters, 2021, 118, 082406.	1.5	1
49	Unusual magnetic and magnetostriction behavior around the magnetic compensation temperature in $Co_2Mn_2O_7$. https://doi.org/10.1103/PhysRevB.104.040401	1.1	0