

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

394286

19
h-index

330025

37
g-index

49
all docs

49
docs citations

49
times ranked

1929
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of magnetostriction performance by doping Mg in spinel MnV ₂ O ₄ . Applied Physics Letters, 2021, 118, 082406.	1.5	1
2	Andersson's Magnéli Phases Ti _n O _{2n-1} : Recent Progress Inspired by Swedish Scientists. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 126-133.	0.6	11
3	Unusual magnetic and magnetostriction behavior around the magnetic compensation temperature in CoMn_2O_4 . Physical Review B, 2021, 104, .	1.1	0
4	Positive exchange bias of EuO _{1-x} films. Journal of Magnetism and Magnetic Materials, 2020, 496, 165900.	1.0	2
5	Unusual magnetostriction behavior and magnetoelectric effect in spinel $\text{Mn}_3\text{V}_2\text{O}_{13}$. Physical Review B, 2020, 102, .	1.1	4
6	Pressure-Induced Metallization and Structural Phase Transition in the Quasi-One-Dimensional TlFeSe ₂ *. Chinese Physics Letters, 2020, 37, 047102.	1.3	9
7	Optimization and expansion of the Schiff base [Zn-Dy] unit to enhance the performance of single molecule magnetic materials. Journal of Materials Chemistry C, 2020, 8, 4843-4850.	2.7	9
8	Large-area synthesis of monolayer MoTe _{2-x} alloys by chemical vapor deposition. Applied Physics Letters, 2019, 115, 063105.	1.5	10
9	Asymmetric ferromagnetic criticality in pyrochlore ferromagnet Lu ₂ V ₂ O ₇ . Science Bulletin, 2019, 64, 1222-1227.	4.3	5
10	Superconductivity in WP single crystals. Physical Review B, 2019, 99, .	1.1	21
11	Enhanced orbital fluctuations in Mg-doped $\text{Mn}_3\text{V}_2\text{O}_{13}$ single crystals. Physical Review B, 2019, 100, .	1.1	4
12	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
13	Strong room-temperature emission from defect states in CVD-grown WSe ₂ nanosheets. Nano Research, 2018, 11, 3922-3930.	5.8	23
14	Self-powered ultraviolet vertical and lateral photovoltaic effect with fast-relaxation time in NdNiO ₃ /Nb:SrTiO ₃ heterojunctions. Applied Physics Letters, 2018, 112, .	1.5	22
15	Prediction of multiband luminescence due to the gallium vacancy-oxygen defect complex in GaN. Applied Physics Letters, 2018, 112, .	1.5	25
16	Origin of the Ultrafast Response of the Lateral Photovoltaic Effect in Amorphous MoS ₂ /Si Junctions. ACS Applied Materials & Interfaces, 2017, 9, 18362-18368.	4.0	46
17	Demonstration of the donor characteristics of Si and O defects in GaN using hybrid QM/MM. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1600445.	0.8	16
18	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

#	ARTICLE	IF	CITATIONS
19	The contribution of doped-Al to the colossal permittivity properties of $\text{Al}_x\text{Nb}_{0.03}\text{Ti}_{0.97-x}\text{O}_2$ rutile ceramics. Journal of Materials Chemistry C, 2016, 4, 6798-6805.	2.7	90
20	Effect of Oxygen-deficiencies on Resistance Switching in Amorphous $\text{YFe}_{0.5}\text{Cr}_{0.5}\text{O}_3$ films. Scientific Reports, 2016, 6, 30335.	1.6	8
21	Band gap engineering of N-alloyed Ga_2O_3 thin films. AIP Advances, 2016, 6, 065016.	0.6	19
22	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
23	Enhanced photocatalytic activity on polarized ferroelectric KNbO_3 . RSC Advances, 2016, 6, 108883-108887.	1.7	50
24	$\text{Ba}(\text{Zn}_{1-x}\text{MnxCu}_x)_2\text{As}_2$: A Bulk Form Diluted Ferromagnetic Semiconductor with Mn and Cu Codoping at Zn Sites. Scientific Reports, 2015, 5, 15507.	1.6	23
25	First principles study of isostructural phase transition in Sb_2Te_3 under high pressure. Physica Status Solidi - Rapid Research Letters, 2015, 9, 379-383.	1.2	13
26	Spin rotation driven ferroelectric polarization with a 180° flop in double-perovskite $\text{Lu}_2\text{CoMnO}_6$. RSC Advances, 2015, 5, 43432-43439.	1.7	8
27	Fast and sensitive lateral photovoltaic effects in $\text{Fe}_3\text{O}_4/\text{Si}$ Schottky junction. RSC Advances, 2015, 5, 65048-65051.	1.7	25
28	Ferromagnetic antiphase domain boundary in Mn-doped hexagonal BaTiO_3 multiferroics. Applied Physics Letters, 2013, 102, . Circular behavior of the ferromagnetic perovskites RTiO_3	1.5	21
29	$\text{xm}:\text{mml}=\text{http://www.w3.org/1998/}\text{math/}\text{mathml}''\text{display}=\text{inline}''><\text{mml}:\text{msub}><\text{mml}:\text{mrow}$		

#	ARTICLE	IF	CITATIONS
37	Influence of Y ³⁺ doping on the high-temperature transport mechanism and thermoelectric response of misfit-layered Ca ₃ Co ₄ O ₉ . Applied Physics A: Materials Science and Processing, 2010, 99, 451-458.	1.1	16
38	Effects of Gd Doping and Oxygen Vacancies on the Properties of EuO Films Prepared via Pulsed Laser Deposition. IEEE Transactions on Magnetics, 2010, 46, 1879-1882.	1.2	18
39	Enhanced high temperature thermoelectric characteristics of transition metals doped Ca ₃ Co ₄ O ₉ + $\hat{\Gamma}$ by cold high-pressure fabrication. Journal of Applied Physics, 2010, 107, .	1.1	102
40	Enhanced electron correlation in rare-earth doped Ca ₃ Co ₄ O ₉ . Applied Physics Letters, 2010, 97, 062114.	1.5	51
41	Enhancement of thermoelectric efficiency in (Ca,Dy)MnO ₃ $\hat{\leftrightarrow}$ (Ca,Yb)MnO ₃ solid solutions. Applied Physics Letters, 2010, 97, .	1.5	19
42	Correlation of structural distortion with magnetic properties in electron-doped Ca _{0.9} R _{0.1} MnO ₃ perovskites (R=rare-earth). Journal of Applied Physics, 2010, 108, 063928.	1.1	11
43	Amplification of magnetoresistance and Hall effect of Fe ₃ O ₄ $\hat{\leftrightarrow}$ SiO ₂ $\hat{\leftrightarrow}$ Si structure. Journal of Applied Physics, 2009, 105, 07B101.	1.1	8
44	The influence of the antiferromagnetic boundary on the magnetic property of La ₂ NiMnO ₆ . Applied Physics Letters, 2009, 95, .	1.5	42
45	First-order phase transition characteristic of the high temperature metal $\hat{\leftrightarrow}$ semiconductor transition in [Ca ₂ CoO ₃] _{0.62} [CoO ₂]. Applied Physics A: Materials Science and Processing, 2009, 94, 911-916.	1.1	16
46	High Temperature Thermoelectric Response of Electron-Doped CaMnO ₃ . Chemistry of Materials, 2009, 21, 4653-4660.	3.2	149
47	Influence of diamagnetic Pb doping on the crystal structure and multiferroic properties of the BiFeO ₃ perovskite. Journal of Applied Physics, 2009, 105, .	1.1	37
48	High temperature thermoelectric characteristics of Ca _{0.9} R _{0.1} MnO ₃ $\hat{\leftrightarrow}$ (R=La,Pr, $\hat{\neq}$,Yb). Journal of Applied Physics, 2008, 104, .	1.1	109
49	A new Heusler compound Cu ₂ FeAl: electronic structure, magnetism and transport properties. Physica Status Solidi A, 2004, 201, 1570-1577.	1.7	10