

Sae Hwan Chun

List of Publications by Year in descending order

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46
papers

1,533
citations

394421

19
h-index

302126

39
g-index

47
all docs

47
docs citations

47
times ranked

2183
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Progress of the PAL-XFEL. Applied Sciences (Switzerland), 2022, 12, 1010.	2.5	10
2	Magnetic excitations in the double-perovskite iridates $\langle \text{mml:math} \dots \rangle$		

#	ARTICLE	IF	CITATIONS
19	Ultrafast x-ray diffraction study of melt-front dynamics in polycrystalline thin films. Science Advances, 2020, 6, eaax2445.	10.3	21
20	Intense Reactivity in Sulfur-Hydrogen Mixtures at High Pressure under X-ray Irradiation. Journal of Physical Chemistry Letters, 2020, 11, 1828-1834.	4.6	11
21	Hard X-ray self-seeding commissioning at PAL-XFEL. Journal of Synchrotron Radiation, 2019, 26, 1101-1109.	2.4	17
22	Non-thermal fluence threshold for femtosecond pulsed x-ray radiation damage in perovskite complex oxide epitaxial heterostructures. Applied Physics Letters, 2019, 115, .	3.3	5
23	Electromagnon with Sensitive Terahertz Magneto-chromism in a Room-Temperature Magnetoelectric Hexaferrite. Physical Review Letters, 2018, 120, 027202.	7.8	19
24	Commensurate transverse helical ordering in the room-temperature magnetoelectric Co ₂ Z hexaferrite. Physica B: Condensed Matter, 2018, 551, 122-126.	2.7	4
25	Magnetic Excitations across the Metal-Insulator Transition in the Pyrochlore Iridate Eu_2O_7 . Physical Review Letters, 2018, 120, 177202.	7.8	19
26	Magnetoelectricity in multiferroic hexaferrites as understood by crystal symmetry analyses. Physical Review B, 2018, 98, .	3.2	33
27	Observation of new magnetic ground state in frustrated quantum antiferromagnet spin-liquid system Cs ₂ CuCl ₄ . Low Temperature Physics, 2017, 43, 901-904.	0.6	13
28	Quantitative Measurements of Size-Dependent Magnetoelectric Coupling in Fe ₃ O ₄ Nanoparticles. Nano Letters, 2016, 16, 7408-7413.	9.1	31
29	Magnetic Origin of Giant Magnetoelectricity in Doped Y-type Hexaferrite $\text{Ba}_{0.5}\text{Y}_{1.5}\text{Fe}_{10}\text{O}_{22}$. Physical Review Letters, 2016, 116, 177202.	7.8	19

#	ARTICLE	IF	CITATIONS
37	57Fe NMR study of the magnetoelectric hexaferrite Ba _{0.5} Sr _{1.5} Zn ₂ Fe ₁₂ O ₂₂ and Ba _{0.5} Sr _{1.5} Zn ₂ (Fe _{0.92} Al _{0.08}) ₁₂ O ₂₂ . Physical Review B, 2013, 88, .	3.2	7
38	Electric Field Control of Nonvolatile Four-State Magnetization at Room Temperature. Physical Review Letters, 2012, 108, 177201.	7.8	156
39	Field-induced incommensurate-to-commensurate phase transition in the magnetoelectric hexaferrite Ba _{0.5} Sr _{1.5} Zn ₂ (Fe _{0.92} Al _{0.08}) ₁₂ O ₂₂ . Physical Review B, 2013, 88, .	3.2	47
40	Chemical doping-induced flop of ferroelectric polarization in multiferroic Ba _{0.5} Sr _{1.5} Zn ₂ (Fe _{0.92} Al _{0.08}) ₁₂ O ₂₂ . Physical Review B, 2010, 82, .	3.2	26
41	Chemical doping-induced flop of ferroelectric polarization in multiferroic Ba _{0.5} Sr _{1.5} Zn ₂ (Fe _{0.92} Al _{0.08}) ₁₂ O ₂₂ . Physical Review B, 2010, 82, .	3.2	26
42	Publisher's Note: Realization of Giant Magnetoelectricity in Helimagnets [Phys. Rev. Lett. 104, 037204 (2010)]. Physical Review Letters, 2010, 104, .	7.8	5
43	Realization of Giant Magnetoelectricity in Helimagnets. Physical Review Letters, 2010, 104, 037204.	7.8	144
44	Electric polarization enhancement in multiferroic CoCr ₂ O ₄ crystals with Cr-site mixing. Applied Physics Letters, 2009, 94, .	3.3	40
45	Low-magnetic-field control of dielectric constant at room temperature realized in Ba _{0.5} Sr _{1.5} Zn ₂ Fe ₁₂ O ₂₂ . New Journal of Physics, 2009, 11, 073030.	2.9	50
46	Optically Induced Picosecond Lattice Compression in the Dielectric Component of a Strongly Coupled Ferroelectric/Dielectric Superlattice. Advanced Electronic Materials, 0, , 2101051.	5.1	1