

Han-Jin Noh

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

4,563
citations

14
h-index

21
g-index

21
ext. papers

4,825
ext. citations

5.4
avg, IF

4.52
L-index

#	Paper	IF	Citations
20	Ultra-large-scale syntheses of monodisperse nanocrystals. <i>Nature Materials</i> , 2004 , 3, 891-5	27	3372
19	One-nanometer-scale size-controlled synthesis of monodisperse magnetic iron oxide nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 2873-7	16.4	537
18	Experimental Realization of Type-II Dirac Fermions in a PdTe ₂ Superconductor. <i>Physical Review Letters</i> , 2017 , 119, 016401	7.4	175
17	One-Nanometer-Scale Size-Controlled Synthesis of Monodisperse Magnetic Iron Oxide Nanoparticles. <i>Angewandte Chemie</i> , 2005 , 117, 2932-2937	3.6	131
16	Core-level x-ray photoemission satellites in ruthenates: a new mechanism revealing the Mott transition. <i>Physical Review Letters</i> , 2004 , 93, 126404	7.4	71
15	Anisotropic electric conductivity of delafossite PdCoO ₂ studied by angle-resolved photoemission spectroscopy. <i>Physical Review Letters</i> , 2009 , 102, 256404	7.4	50
14	Quantum oscillations of the metallic triangular-lattice antiferromagnet PdCrO ₂ . <i>Physical Review Letters</i> , 2013 , 111, 176405	7.4	36
13	Direct observation of localized spin antiferromagnetic transition in PdCrO ₂ by angle-resolved photoemission spectroscopy. <i>Scientific Reports</i> , 2014 , 4, 3680	4.9	31
12	Electronic structure and evolution of the orbital state in metallic Ca _{2-x} Sr _x RuO ₄ . <i>Physical Review B</i> , 2005 , 72,	3.3	27
11	Jahn-Teller effect in spinel manganites probed by soft x-ray absorption spectroscopy. <i>Applied Physics Letters</i> , 2006 , 88, 081911	3.4	25
10	Photoemission and x-ray absorption spectroscopy studies on cubic pyrochlore ruthenates Bi _{2-x} Y _x Ru ₂ O ₇ . <i>Physical Review B</i> , 2004 , 69,	3.3	25
9	Orbital character of the conduction band of delafossite PdCoO ₂ studied by polarization-dependent soft x-ray absorption spectroscopy. <i>Physical Review B</i> , 2009 , 80,	3.3	17
8	Effect of structural distortion on ferrimagnetic order in Lu _{1-x} L _x Fe ₂ O ₄ (L=Y and Er; x=0.0, 0.1, and 0.5). <i>Physical Review B</i> , 2010 , 82,	3.3	14
7	Comparative study of the electronic structures of SrMO ₃ (M = Ti, V, Mn, Fe, and Co; M = Zr, Mo, Ru, and Rh) by O 1s x-ray absorption spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 485208	1.8	14
6	Controlling the evolution of two-dimensional electron gas states at a metal/Bi ₂ Se ₃ interface. <i>Physical Review B</i> , 2015 , 91,	3.3	13
5	Magnetic interactions in PdCrO ₂ and their effects on its magnetic structure. <i>Physical Review B</i> , 2018 , 98,	3.3	9
4	Persistence of surface states despite impurities in the surface of topological insulators. <i>Europhysics Letters</i> , 2011 , 96, 47002	1.6	9

3	Electronic structure change of NiS _{2-x} Se _x in the metal-insulator transition probed by X-ray absorption spectroscopy. <i>Journal of the Korean Physical Society</i> , 2018 , 72, 111-115	0.6	6
2	Effects of structural distortion induced by Sc substitution in LuFe ₂ O ₄ . <i>Journal of the Korean Physical Society</i> , 2014 , 64, 1701-1706	0.6	1
1	A percolation model for the metal-insulator transition in pyrite Ni(S,Se) ₂ . <i>Journal of the Korean Physical Society</i> , 2021 , 78, 1191-1195	0.6	0