

Han-Yong Choi

List of Publications by Year in descending order

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21
papers

340
citations

1163117

8
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

410
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic ordering and spin-liquid state of YMnO_3 . <i>Physical Review B</i> , 2003, 68, .	3.2	120
2	Quantitative determination of pairing interactions for high-temperature superconductivity in cuprates. <i>Science Advances</i> , 2016, 2, e1501329.	10.3	56
3	Dynamical mean-field theory of the Hubbard-Holstein model at half filling: Zero temperature metal-insulator and insulator-insulator transitions. <i>Physical Review B</i> , 2004, 70, .	3.2	43
4	Momentum dependence of the single-particle self-energy and fluctuation spectrum of slightly underdoped Bi . <i>Physical Review B</i> , 2010, 81, .	3.2	37
5	Hole Traps in DNA Calculated with Exponential Electron-Lattice Coupling. <i>Journal of Physical Chemistry B</i> , 2004, 108, 19483-19486.	2.6	17
6	Analysis of laser angle-resolved photoemission spectra of $\text{BaSr}_2\text{CaCu}_3\text{O}_{7-x}$. <i>Physical Review B</i> , 2004, 70, 114507.	3.2	17
7	Superconductivity in the cuprates: Deduction of mechanism for d-wave pairing through analysis of ARPES. <i>Frontiers of Physics</i> , 2011, 6, 440-449.	5.0	9
8	Sharp Low-Energy Feature in Single-Particle Spectra due to Forward Scattering in d -Wave Cuprate Superconductors. <i>Physical Review Letters</i> , 2014, 113, 057001.	7.8	9
9	Giant proximity effect in single-crystalline MgB_2 bilayers. <i>Scientific Reports</i> , 2019, 9, 3315.	3.3	7
10	Excitonic insulator emerging from semiconducting normal state in $\text{Cu}_x\text{Ni}_{1-x}\text{S}_2$. <i>Physical Review B</i> , 2021, 103, .	3.2	0
11	Tunneling spectroscopy of the underdoped high- T_c superconductors. <i>Physical Review B</i> , 2000, 62, 11763-11769.	3.2	5
12	How to pin down the pairing interaction for high T_c superconductivity in cuprates. <i>International Journal of Modern Physics B</i> , 2018, 32, 1840026.	2.0	5
13	Angle and frequency dependence of self-energy from spin fluctuation mediated d-wave pairing for high temperature superconductors. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 365702.	1.8	3
14	Self-Energy Analysis of Infrared Conductivity of Normal State MgB_2 . <i>International Journal of Modern Physics B</i> , 2003, 17, 3534-3539.	2.0	2
15	Maximal superconductivity in proximity to the charge density wave quantum critical point in $\text{Cu}_x\text{Ni}_{1-x}\text{S}_2$. <i>Physical Review B</i> , 2021, 104, .	3.2	2
16	Comments on the d-wave pairing mechanism for cuprate high T_c superconductors: Higher is different?. <i>Journal of the Korean Physical Society</i> , 2012, 60, 978-986.	0.7	1
17	Field-induced quantum breakdown of superconductivity in magnesium diboride. <i>NPG Asia Materials</i> , 2021, 13, .	7.9	1
18	Effects of impurity vertex correction on nuclear magnetic resonance relaxation rate $1/T_1$ of conventional superconductors. , 1994, , .		0

#	ARTICLE	IF	CITATIONS
19	Effects of impurity vertex correction on NMR coherence peak in s-wave superconductors. European Physical Journal D, 1996, 46, 619-620.	0.4	0
20	ODD FREQUENCY TRIPLET PAIRING COMPONENTS IN F/S/F TRILAYERS. International Journal of Modern Physics B, 2007, 21, 3167-3170.	2.0	0
21	Dynamical effects on superconductivity in a BCS-BEC crossover: Dynamical mean field theory and numerical renormalization group study of the Holstein model in infinite dimensions. Physical Review B, 2019, 99, .	3.2	0