

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	Excitonic insulator emerging from semiconducting normal state in CuTl_2As_2 . Physical Review B, 2021, 103, .	3.2	37
2	Field-induced quantum breakdown of superconductivity in magnesium diboride. NPG Asia Materials, 2021, 13, .	7.9	1
3	Maximal superconductivity in proximity to the charge density wave quantum critical point in Cu_2S . Physical Review B, 2021, 104, .	3.2	2
4	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
5	Giant proximity effect in single-crystalline MgB ₂ bilayers. Scientific Reports, 2019, 9, 3315.	3.3	7
6	How to pin down the pairing interaction for high T_c superconductivity in cuprates. International Journal of Modern Physics B, 2018, 32, 1840026.	2.0	5
7	Quantitative determination of pairing interactions for high-temperature superconductivity in cuprates. Science Advances, 2016, 2, e1501329.	10.3	56
8	Sharp Low-Energy Feature in Single-Particle Spectra due to Forward Scattering in d -Wave Cuprate Superconductors. Physical Review Letters, 2014, 113, 057001.	7.8	9
9	Angle and frequency dependence of self-energy from spin fluctuation mediated d -wave pairing for high temperature superconductors. Journal of Physics Condensed Matter, 2013, 25, 365702.	1.8	3
10	Comments on the d -wave pairing mechanism for cuprate high T_c superconductors: Higher is different?. Journal of the Korean Physical Society, 2012, 60, 978-986.	0.7	1
11	Superconductivity in the cuprates: Deduction of mechanism for d -wave pairing through analysis of ARPES. Frontiers of Physics, 2011, 6, 440-449.	5.0	9
12	Analysis of laser angle-resolved photoemission spectra of $\text{BaSr}_2\text{CaCu}_3\text{O}_{10}$. Physical Review B, 2010, 81, .	3.2	17
13	Momentum dependence of the single-particle self-energy and fluctuation spectrum of slightly underdoped $\text{Bi}_2\text{Sr}_2\text{CuO}_8$. Physical Review B, 2010, 81, .	3.2	37
14	ODD FREQUENCY TRIPLET PAIRING COMPONENTS IN F/S/F TRILAYERS. International Journal of Modern Physics B, 2007, 21, 3167-3170.	2.0	0
15	Dynamical mean-field theory of the Hubbard-Holstein model at half filling: Zero temperature metal-insulator and insulator-insulator transitions. Physical Review B, 2004, 70, .	3.2	43
16	Hole Traps in DNA Calculated with Exponential Electron-Lattice Coupling. Journal of Physical Chemistry B, 2004, 108, 19483-19486.	2.6	17
17	Magnetic ordering and spin-liquid state of YMnO_3 . Physical Review B, 2003, 68, .	3.2	120
18	Self-Energy Analysis of Infrared Conductivity of Normal State MgB ₂ . International Journal of Modern Physics B, 2003, 17, 3534-3539.	2.0	2

#	ARTICLE	IF	CITATIONS
19	Tunneling spectroscopy of the underdoped high-T _c superconductors. Physical Review B, 2000, 62, 11763-11769.	3.2	5
20	Effects of impurity vertex correction on NMR coherence peak in s-wave superconductors. European Physical Journal D, 1996, 46, 619-620.	0.4	0
21	Effects of impurity vertex correction on nuclear magnetic resonance relaxation rate $1/T_1$ of conventional superconductors. , 1994, , .		0