

Colin V Parker

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,382
citations

687363

13
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

3403
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological surface states protected from backscattering by chiral spin texture. Nature, 2009, 460, 1106-1109.	27.8	910
2	Fluctuating stripes at the onset of the pseudogap in the high-Tc superconductor Bi ₂ Sr ₂ CaCu ₂ O _{8+x} . Nature, 2010, 468, 677-680.	27.8	210
3	Direct observation of effective ferromagnetic domains of cold atoms in a shaken optical lattice. Nature Physics, 2013, 9, 769-774.	16.7	206
4	Electronic Origin of the Inhomogeneous Pairing Interaction in the High-T _c Superconductor Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} . Science, 2008, 320, 196-201.	12.6	186
5	Visualizing the formation of the Kondo lattice and the hidden order in URu ₂ Si ₂ . Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10383-10388.	7.1	176
6	Geometric Scaling of Efimov States in a Li_6 Bose-Einstein Condensate. Physical Review Letters, 2011, 107, 142001.	7.8	142
7	Superconducting State of the Organic Conductor (TMTSF) ₂ ClO ₄ . Physical Review Letters, 2007, 98, 147002.	7.8	139
8	Extending Universal Nodal Excitations Optimizes Superconductivity in Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} . Science, 2009, 324, 1689-1693.	12.6	107
9	Roton-Maxon Excitation Spectrum of Bose Condensates in a Shaken Optical Lattice. Physical Review Letters, 2015, 114, 055301.	7.8	94
10	Ultracold mixtures of atomic Li_6 and Cs with Li_3 molecular ions. Physical Review A, 2017, 97, 013407.	2.5	70
11	Nanoscale Proximity Effect in the High-Temperature Superconductor $Bi_2Sr_2CaCu_2O_{8+\delta}$. Physical Review Letters, 2010, 104, 117001.	2.5	42
12	Efficient continuous-duty Bitter-type electromagnets for cold atom experiments. Review of Scientific Instruments, 2013, 84, 104706.	1.3	16
13	Scattering from incipient stripe order in the high-temperature superconductor Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} . Physical Review Letters, 2010, 104, 117001.	2.5	12
14	All-optical production of Li_6 molecular Bose-Einstein condensates in excited hyperfine levels. Physical Review A, 2018, 98, 013407.	2.5	9
15	Mobile Magnetic Impurities in a Fermi Superfluid: A Route to Designer Molecules. Physical Review Letters, 2015, 114, 045301.	7.8	7
16	Subnanometer optical linewidth of thulium atoms in rare-gas crystals. Physical Review A, 2019, 99, 013407.	2.5	7
17	Enhanced principle component method for fringe removal in cold atom images. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 2041.	2.1	6

#	ARTICLE	IF	CITATIONS
19	Mapping of the formation of the pairing gap in. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 3034-3038.	4.0	5
20	Spin Susceptibility above the Superfluid Onset in Ultracold Fermi Gases. <i>Physical Review Letters</i> , 2021, 126, 153402.	7.8	5
21	Detecting incipient stripe order in the high-temperature superconductor Bi ₂ Sr ₂ CaCu ₂ O _{8+x} . <i>Physica C: Superconductivity and Its Applications</i> , 2012, 481, 153-160.	1.2	2
22	Self-calibrated Fourier transform spectrometer for laser-induced fluorescence spectroscopy with single-photon avalanche diode detection. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2022, 39, 1289.	1.5	2