

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	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
2	Spin Susceptibility above the Superfluid Onset in Ultracold Fermi Gases. <i>Physical Review Letters</i> , 2021, 126, 153402.	7.8	5
3	Enhanced principle component method for fringe removal in cold atom images. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2020, 37, 2041.	2.1	6
4	Subnanometer optical linewidth of thulium atoms in rare-gas crystals. <i>Physical Review A</i> , 2019, 99, .	2.5	7
5	All-optical production of Li_6 molecular Bose-Einstein condensates in excited hyperfine levels. <i>Physical Review A</i> , 2018, 98, .	2.5	9
6	Mobile Magnetic Impurities in a Fermi Superfluid: A Route to Designer Molecules. <i>Physical Review Letters</i> , 2015, 114, 045301.	7.8	7
7	Roton-Maxon Excitation Spectrum of Bose Condensates in a Shaken Optical Lattice. <i>Physical Review Letters</i> , 2015, 114, 055301.	7.8	94
8	Simultaneous sub-Doppler laser cooling of fermionic Li and K .	2.5	42
9	Direct observation of effective ferromagnetic domains of cold atoms in a shaken optical lattice. <i>Nature Physics</i> , 2013, 9, 769-774.	7.8	142
10	Ultracold mixtures of atomic Li and Cs with tunable interactions. <i>Physical Review A</i> , 2013, 87, .	16.7	206
11	Efficient continuous-duty Bitter-type electromagnets for cold atom experiments. <i>Review of Scientific Instruments</i> , 2013, 84, 104706.	2.5	70
12	Scattering from incipient stripe order in the high-temperature superconductor $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$.	1.3	16
13	Detecting incipient stripe order in the high-temperature superconductor $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$. <i>Physica C: Superconductivity and Its Applications</i> , 2012, 481, 153-160.	3.2	12
14	Fluctuating stripes at the onset of the pseudogap in the high-Tc superconductor $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$. <i>Nature</i> , 2010, 468, 677-680.	1.2	2
15	Visualizing the formation of the Kondo lattice and the hidden order in URu_2Si_2 . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10383-10388.	27.8	210
16	Nanoscale Proximity Effect in the High-Temperature Superconductor $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$ as a Scanning Tunneling Microscope. <i>Physical Review Letters</i> , 2010, 104, 117001.	7.1	176
17	Topological surface states protected from backscattering by chiral spin texture. <i>Nature</i> , 2009, 460, 1106-1109.	29.8	299
18		27.8	910

#	ARTICLE	IF	CITATIONS
19	Extending Universal Nodal Excitations Optimizes Superconductivity in Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} . Science, 2009, 324, 1689-1693.	12.6	107
20	Mapping of the formation of the pairing gap in. Journal of Physics and Chemistry of Solids, 2008, 69, 3034-3038.	4.0	5
21	Electronic Origin of the Inhomogeneous Pairing Interaction in the High- <i>T_c</i> Superconductor Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} . Science, 2008, 320, 196-201.	12.6	186
22	Superconducting State of the Organic Conductor(TMTSF) ₂ ClO ₄ . Physical Review Letters, 2007, 98, 147002.	7.8	139