

# Christopher L Smallwood

## List of Publications by Year in descending order

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23  
papers

949  
citations

686830

13  
h-index

642321

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g-index

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23  
docs citations

23  
times ranked

1145  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking Cooper Pairs in a Cuprate Superconductor by Ultrafast Angle-Resolved Photoemission. Science, 2012, 336, 1137-1139.	6.0	171
2	Bound on Lorentz and CPT Violating Boost Effects for the Neutron. Physical Review Letters, 2004, 93, 230801.	2.9	119
3	Nodal quasiparticle meltdown in ultrahigh-resolution pump-probe angle-resolved photoemission. Nature Physics, 2011, 7, 805-809.	6.5	114
4	Revealing hidden spin-momentum locking in a high-temperature cuprate superconductor. Science, 2018, 362, 1271-1275.	6.0	82
5	Ultrafast angle-resolved photoemission spectroscopy of quantum materials. Europhysics Letters, 2016, 115, 27001.	0.7	70
6	Vacuum space charge effect in laser-based solid-state photoemission spectroscopy. Journal of Applied Physics, 2010, 107, .	1.1	57
7	Ultrafast quenching of electron-boson interaction and superconducting gap in a cuprate superconductor. Nature Communications, 2014, 5, 4959.	5.8	50
8	Multidimensional Coherent Spectroscopy of Semiconductors. Laser and Photonics Reviews, 2018, 12, 1800171.	4.4	49
9	An ultrafast angle-resolved photoemission apparatus for measuring complex materials. Review of Scientific Instruments, 2012, 83, 123904.	0.6	48
10	Time- and momentum-resolved gap dynamics in $\text{BiSr}_2\text{CaCu}_2\text{O}_{10}$ . Physical Review B, 2014, 89, .	1.1	32
11	Signatures of superconductivity and pseudogap formation in nonequilibrium nodal quasiparticles revealed by ultrafast angle-resolved photoemission. Physical Review B, 2013, 88, .	1.1	32
12	Analytical solutions to the finite-pulse Bloch model for multidimensional coherent spectroscopy. Journal of the Optical Society of America B: Optical Physics, 2017, 34, 419.	0.9	27
13	Influence of optically quenched superconductivity on quasiparticle relaxation rates in $\text{Bi}_2\text{O}_8\text{I}$ . Physical Review B, 2015, 92, .	1.1	18
14	Hidden Silicon-Vacancy Centers in Diamond. Physical Review Letters, 2021, 126, 213601.	2.9	10
15	Impact of work function induced electric fields on laser-based angle-resolved photoemission spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2014, 195, 237-243.	0.8	9
16	Photoinduced changes of the chemical potential in superconducting $\text{Bi}_2\text{O}_8\text{I}$ . Physical Review B, 2015, 92, .	1.1	9
17	Resolving unoccupied electronic states with laser ARPES in bismuth-based cuprate superconductors. Physical Review B, 2015, 91, .	1.1	9
18	Nonequilibrium electron dynamics in a solid with a changing nodal excitation gap. Physical Review B, 2016, 93, .	1.1	9

#	ARTICLE	IF	CITATIONS
19	Stimulated emission of Cooper pairs in a high-temperature cuprate superconductor. Scientific Reports, 2016, 6, 29100.	1.6	8
20	Spectral weight suppression near a metal-insulator transition in a double-layer electron-doped iridate. Physical Review B, 2017, 95, .	1.1	5
21	Coherent Spectroscopy: Multidimensional Coherent Spectroscopy of Semiconductors (Laser) Tj ETQq1 1 0.784314, rgBT /Overlock 10	4.4	4
22	Using silicon-vacancy centers in diamond to probe the full strain tensor. Journal of Applied Physics, 2021, 130, 024301.	1.1	2
23	Coherent Interactions between Silicon-Vacancy Centers in Diamond. Physical Review Letters, 2022, 128, .	2.9	2