

# John Harter

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

713

citations

14

h-index

26

g-index

28

ext. papers

964

ext. citations

7.2

avg, IF

3.89

L-index

#	Paper	IF	Citations
26	Coherent phonon spectroscopy and interlayer modulation of charge density wave order in the kagome metal CsV3Sb5. <i>Physical Review Materials</i> , <b>2021</b> , 5,	3.2	13
25	Fermi Surface Mapping and the Nature of Charge-Density-Wave Order in the Kagome Superconductor CsV3Sb5. <i>Physical Review X</i> , <b>2021</b> , 11,	9.1	20
24	Role of locally polar regions in the superconductivity of SrTiO3. <i>Physical Review Materials</i> , <b>2021</b> , 5,	3.2	1
23	Superconductivity in magnetically doped SrTiO3. <i>Applied Physics Letters</i> , <b>2021</b> , 118, 202602	3.4	2
22	Nematic transition and nanoscale suppression of superconductivity in Fe(Te,Se). <i>Nature Physics</i> , <b>2021</b> , 17, 903-908	16.2	2
21	Ferroelectric enhancement of superconductivity in compressively strained SrTiO3 films. <i>Physical Review Materials</i> , <b>2019</b> , 3,	3.2	23
20	Bulk superconductivity in FeTe <sub>1-x</sub> Sex via physicochemical pumping of excess iron. <i>Physical Review Materials</i> , <b>2019</b> , 3,	3.2	3
19	Evidence of an Improper Displacive Phase Transition in Cd <sub>2</sub> Re <sub>2</sub> O <sub>7</sub> via Time-Resolved Coherent Phonon Spectroscopy. <i>Physical Review Letters</i> , <b>2018</b> , 120, 047601	7.4	16
18	X-ray absorption spectroscopy study of annealing process on Sr <sub>1-x</sub> LaxCuO <sub>2</sub> electron-doped cuprate thin films. <i>Journal of Applied Physics</i> , <b>2018</b> , 123, 123901	2.5	3
17	Inversion symmetry and bulk Rashba effect in methylammonium lead iodide perovskite single crystals. <i>Nature Communications</i> , <b>2018</b> , 9, 1829	17.4	123
16	Second Harmonic Generation Spectroscopy of Hidden Phases <b>2018</b> , 207-226		3
15	A parity-breaking electronic nematic phase transition in the spin-orbit coupled metal CdReO. <i>Science</i> , <b>2017</b> , 356, 295-299	33.3	76
14	Nonlinear and time-resolved optical study of the 112-type iron-based superconductor parent Ca <sub>1-x</sub> LaxFeAs <sub>2</sub> across its structural phase transition. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	8
13	Strain Control of Fermiology and Many-Body Interactions in Two-Dimensional Ruthenates. <i>Physical Review Letters</i> , <b>2016</b> , 116, 197003	7.4	56
12	Observation of semilocalized dispersive states in the strongly correlated electron-doped ferromagnet Eu <sub>1-x</sub> GdxO. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	1
11	Doping evolution and polar surface reconstruction of the infinite-layer cuprate Sr <sub>1-x</sub> LaxCuO <sub>2</sub> . <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	14
10	High-speed measurement of rotational anisotropy nonlinear optical harmonic generation using position-sensitive detection. <i>Optics Letters</i> , <b>2015</b> , 40, 4671-4	3	16

9	Quasiparticle mass enhancement and temperature dependence of the electronic structure of ferromagnetic SrRuO <sub>3</sub> thin films. <i>Physical Review Letters</i> , <b>2013</b> , 110, 087004	7.4	73
8	Layer-by-layer shuttered molecular-beam epitaxial growth of superconducting Sr <sub>1-x</sub> La <sub>x</sub> CuO <sub>2</sub> thin films. <i>Journal of Applied Physics</i> , <b>2013</b> , 113, 053911	2.5	17
7	Formation of the coherent heavy fermion liquid at the hidden order transition in URu <sub>2</sub> Si <sub>2</sub> . <i>Physical Review Letters</i> , <b>2013</b> , 110, 186401	7.4	35
6	A tunable low-energy photon source for high-resolution angle-resolved photoemission spectroscopy. <i>Review of Scientific Instruments</i> , <b>2012</b> , 83, 113103	1.7	11
5	Nodeless superconducting phase arising from a strong (□) antiferromagnetic phase in the infinite-layer electron-doped Sr(1-x)La(x)CuO <sub>2</sub> compound. <i>Physical Review Letters</i> , <b>2012</b> , 109, 267001	7.4	34
4	Temperature dependence of the electronic structure and Fermi-surface reconstruction of Eu(1-x)Gd(x)O through the ferromagnetic metal-insulator transition. <i>Physical Review Letters</i> , <b>2012</b> , 108, 267003	7.4	13
3	Quantum many-body interactions in digital oxide superlattices. <i>Nature Materials</i> , <b>2012</b> , 11, 855-9	27	80
2	Lutetium-doped EuO films grown by molecular-beam epitaxy. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 222101	3.4	26
1	Antiferromagnetic correlations and impurity broadening of NMR linewidths in cuprate superconductors. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	44