

# John Harter

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5816044/publications.pdf>

Version: 2024-02-01

28  
papers

1,144  
citations

516215

16  
h-index

525886

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2096  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inversion symmetry and bulk Rashba effect in methylammonium lead iodide perovskite single crystals. Nature Communications, 2018, 9, 1829.	5.8	189
2	Fermi Surface Mapping and the Nature of Charge-Density-Wave Order in the Kagome Superconductor <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>\text{CsV}</math></math> Physical Review X, 2021, 11, .	2.8	122
3	A parity-breaking electronic nematic phase transition in the spin-orbit coupled metal Cd <sub>2</sub> Re <sub>2</sub> O <sub>7</sub> . Science, 2017, 356, 295-299.	6.0	97
4	Quantum many-body interactions in digital oxide superlattices. Nature Materials, 2012, 11, 855-859.	13.3	92
5	Quasiparticle Mass Enhancement and Temperature Dependence of the Electronic Structure of Ferromagnetic <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>\text{SrRuO}_3</math></math> Thin Films. Physical Review Letters, 2013, 110, 087004.	2.9	91
6	Strain Control of Fermiology and Many-Body Interactions in Two-Dimensional Ruthenates. Physical Review Letters, 2016, 116, 197003.	2.9	82
7	Coherent phonon spectroscopy and interlayer modulation of charge density wave order in the kagome metal <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>\text{CsV}</math></math> Physical Review Materials, 2021, 5, .	0.9	80
8	Antiferromagnetic correlations and impurity broadening of NMR linewidths in cuprate superconductors. Physical Review B, 2007, 75, .	1.1	49
9	Ferroelectric enhancement of superconductivity in compressively strained <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>\text{SrTiO}_3</math></math> films. Physical Review Materials, 2019, 3, .	1.1	48
10	Formation of the Coherent Heavy Fermion Liquid at the Hidden Order Transition in <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>\text{URu}_2\text{Si}_2</math></math> Physical Review Letters, 2013, 110, 186401.	2.9	42
11		2.9	40
12	Electron-Doped <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>\text{Lu}_2\text{O}_3</math></math> Lutetium-doped EuO films grown by molecular-beam epitaxy. Applied Physics Letters, 2012, 100, .	1.5	29
13	High-speed measurement of rotational anisotropy nonlinear optical harmonic generation using position-sensitive detection. Optics Letters, 2015, 40, 4671.	1.7	25
14	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. Journal of Applied Physics, 2013, 113, .	1.1	22
15	Evidence of an Improper Displacive Phase Transition in <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>\text{Cd}_2\text{Re}_2\text{O}_7</math></math> Physical Review Letters, 2018, 120, 047601.	2.1	21
16	Doping evolution and polar surface reconstruction of the infinite-layer cuprate <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>\text{Sr}_x\text{La}_{1-x}\text{CuO}_2</math></math> Physical Review B, 2015, 92, .	2.0	16
17	A tunable low-energy photon source for high-resolution angle-resolved photoemission spectroscopy. Review of Scientific Instruments, 2012, 83, 113103.	0.6	15
18	Temperature Dependence of the Electronic Structure and Fermi-Surface Reconstruction of <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>\text{Eu}_2\text{O}_3</math></math> through the Ferromagnetic Metal-Insulator Transition. Physical Review Letters, 2012, 108, 267003.	2.9	16

#	ARTICLE	IF	CITATIONS
19	Nematic transition and nanoscale suppression of superconductivity in Fe(Te,Se). Nature Physics, 2021, 17, 903-908.	6.5	14
20	Superconductivity in magnetically doped SrTiO <sub>3</sub> . Applied Physics Letters, 2021, 118, .	1.5	11
21	Role of locally polar regions in the superconductivity of $\text{SrTiO}_3$ . Physical Review Materials, 2021, 5, .	0.9	10
22	Nonlinear and time-resolved optical study of the 112-type iron-based superconductor parent $\text{CaFeAsO}$ and its structural phase transition. Physical Review B, 2016, 93, .	1.1	9
23	X-ray absorption spectroscopy study of annealing process on Sr <sub>1-x</sub> La <sub>x</sub> CuO <sub>2</sub> electron-doped cuprate thin films. Journal of Applied Physics, 2018, 123, .	1.1	6
24	Bulk superconductivity in $\text{FeTe}_{1-x}\text{Se}_x$ via physicochemical pumping of excess iron. Physical Review Materials, 2019, 3, .	1.1	6
25	Second Harmonic Generation Spectroscopy of Hidden Phases. , 2018, , 207-226.		5
26	Decoupling of static and dynamic criticality in a driven Mott insulator. Communications Physics, 2022, 5, .	2.0	5
27	Similarity in the critical thicknesses for superconductivity and ferroelectricity in strained SrTiO <sub>3</sub> films. Applied Physics Letters, 2022, 121, 012601.	1.5	3
28	Observation of semilocalized dispersive states in the strongly correlated electron-doped ferromagnet $\text{EuO}$ . Physical Review B, 2016, 94, .	1.1	1