

John Harter

List of Publications by Citations

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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	Inversion symmetry and bulk Rashba effect in methylammonium lead iodide perovskite single crystals. <i>Nature Communications</i> , 2018 , 9, 1829	17.4	123
25	Quantum many-body interactions in digital oxide superlattices. <i>Nature Materials</i> , 2012 , 11, 855-9	27	80
24	A parity-breaking electronic nematic phase transition in the spin-orbit coupled metal CdReO. <i>Science</i> , 2017 , 356, 295-299	33.3	76
23	Quasiparticle mass enhancement and temperature dependence of the electronic structure of ferromagnetic SrRuO ₃ thin films. <i>Physical Review Letters</i> , 2013 , 110, 087004	7.4	73
22	Strain Control of Fermiology and Many-Body Interactions in Two-Dimensional Ruthenates. <i>Physical Review Letters</i> , 2016 , 116, 197003	7.4	56
21	Antiferromagnetic correlations and impurity broadening of NMR linewidths in cuprate superconductors. <i>Physical Review B</i> , 2007 , 75,	3.3	44
20	Formation of the coherent heavy fermion liquid at the hidden order transition in URu ₂ Si ₂ . <i>Physical Review Letters</i> , 2013 , 110, 186401	7.4	35
19	Nodeless superconducting phase arising from a strong antiferromagnetic phase in the infinite-layer electron-doped Sr(1-x)La(x)CuO ₂ compound. <i>Physical Review Letters</i> , 2012 , 109, 267001	7.4	34
18	Lutetium-doped EuO films grown by molecular-beam epitaxy. <i>Applied Physics Letters</i> , 2012 , 100, 222101	3.4	26
17	Ferroelectric enhancement of superconductivity in compressively strained SrTiO ₃ films. <i>Physical Review Materials</i> , 2019 , 3,	3.2	23
16	Fermi Surface Mapping and the Nature of Charge-Density-Wave Order in the Kagome Superconductor CsV ₃ Sb ₅ . <i>Physical Review X</i> , 2021 , 11,	9.1	20
15	Layer-by-layer shuttered molecular-beam epitaxial growth of superconducting Sr _{1-x} La _x CuO ₂ thin films. <i>Journal of Applied Physics</i> , 2013 , 113, 053911	2.5	17
14	Evidence of an Improper Displacive Phase Transition in Cd ₂ Re ₂ O ₇ via Time-Resolved Coherent Phonon Spectroscopy. <i>Physical Review Letters</i> , 2018 , 120, 047601	7.4	16
13	High-speed measurement of rotational anisotropy nonlinear optical harmonic generation using position-sensitive detection. <i>Optics Letters</i> , 2015 , 40, 4671-4	3	16
12	Doping evolution and polar surface reconstruction of the infinite-layer cuprate Sr _{1-x} La _x CuO ₂ . <i>Physical Review B</i> , 2015 , 92,	3.3	14
11	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> , 2012 , 108, 267003	7.4	13
10	Coherent phonon spectroscopy and interlayer modulation of charge density wave order in the kagome metal CsV ₃ Sb ₅ . <i>Physical Review Materials</i> , 2021 , 5,	3.2	13

9	A tunable low-energy photon source for high-resolution angle-resolved photoemission spectroscopy. <i>Review of Scientific Instruments</i> , 2012 , 83, 113103	1.7	11
8	Nonlinear and time-resolved optical study of the 112-type iron-based superconductor parent $\text{Ca}_{1-x}\text{La}_x\text{FeAs}_2$ across its structural phase transition. <i>Physical Review B</i> , 2016 , 93,	3.3	8
7	X-ray absorption spectroscopy study of annealing process on $\text{Sr}_{1-x}\text{La}_x\text{CuO}_2$ electron-doped cuprate thin films. <i>Journal of Applied Physics</i> , 2018 , 123, 123901	2.5	3
6	Bulk superconductivity in $\text{FeTe}_{1-x}\text{Se}_x$ via physicochemical pumping of excess iron. <i>Physical Review Materials</i> , 2019 , 3,	3.2	3
5	Second Harmonic Generation Spectroscopy of Hidden Phases 2018 , 207-226		3
4	Superconductivity in magnetically doped SrTiO_3 . <i>Applied Physics Letters</i> , 2021 , 118, 202602	3.4	2
3	Nematic transition and nanoscale suppression of superconductivity in $\text{Fe}(\text{Te},\text{Se})$. <i>Nature Physics</i> , 2021 , 17, 903-908	16.2	2
2	Observation of semilocalized dispersive states in the strongly correlated electron-doped ferromagnet $\text{Eu}_{1-x}\text{Gd}_x\text{O}$. <i>Physical Review B</i> , 2016 , 94,	3.3	1
1	Role of locally polar regions in the superconductivity of SrTiO_3 . <i>Physical Review Materials</i> , 2021 , 5,	3.2	1