

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.

18 papers	332 citations	9 h-index	18 g-index
18 ext. papers	414 ext. citations	5.5 avg, IF	2.86 L-index

#	Paper	IF	Citations
18	Interplay of spin-orbit interactions, dimensionality, and octahedral rotations in semimetallic SrIrO(3). <i>Physical Review Letters</i> , 2015 , 114, 016401	7.4	14 ⁸
17	Synthesis science of SrRuO3 and CaRuO3 epitaxial films with high residual resistivity ratios. <i>APL Materials</i> , 2018 , 6, 046101	5.7	4 ¹
16	Quantifying electronic correlation strength in a complex oxide: A combined DMFT and ARPES study of LaNiO3. <i>Physical Review B</i> , 2015 , 92,	3.3	27
15	Demystifying the growth of superconducting Sr2RuO4 thin films. <i>APL Materials</i> , 2018 , 6, 101108	5.7	23
14	Electron Doping of the Parent Cuprate La ₂ CuO ₄ without Cation Substitution. <i>Physical Review Letters</i> , 2016 , 117, 147002	7.4	20
13	Dirac nodal lines protected against spin-orbit interaction in IrO2. <i>Physical Review Materials</i> , 2019 , 3,	3.2	15
12	Strain relaxation induced transverse resistivity anomalies in SrRuO3 thin films. <i>Physical Review B</i> , 2020 , 102,	3.3	12
11	Lifshitz transition from valence fluctuations in YbAl. <i>Nature Communications</i> , 2017 , 8, 852	17.4	11
10	Strain-stabilized superconductivity. <i>Nature Communications</i> , 2021 , 12, 59	17.4	9
9	Revealing the hidden heavy Fermi liquid in CaRuO3. <i>Physical Review B</i> , 2018 , 98,	3.3	7
8	Electronic and vibrational signatures of ruthenium vacancies in Sr2RuO4 thin films. <i>Physical Review Materials</i> , 2019 , 3,	3.2	6
7	Surface atomic structure of epitaxial LaNiO3 thin films studied by in situ LEED-I(V). <i>Physical Review B</i> , 2017 , 95,	3.3	5
6	Subterahertz Momentum Drag and Violation of Matthiessen's Rule in an Ultraclean Ferromagnetic SrRuO ₃ Metallic Thin Film. <i>Physical Review Letters</i> , 2020 , 125, 217401	7.4	4
5	Quantum oscillations and quasiparticle properties of thin film Sr2RuO4. <i>Physical Review B</i> , 2021 , 104,	3.3	2
4	Separated transport relaxation scales and interband scattering in thin films of SrRuO3, CaRuO3, and Sr2RuO4. <i>Physical Review B</i> , 2021 , 103,	3.3	1
3	Direct Imaging of Tilt Relaxation from the Interface in Epitaxially Strained Ca2RuO4 Thin Films using ABF-STEM. <i>Microscopy and Microanalysis</i> , 2018 , 24, 64-65	0.5	1
2	Disentangling types of lattice disorder impacting superconductivity in Sr2RuO4 by quantitative local probes. <i>APL Materials</i> , 2022 , 10, 041114	5.7	0

- 1 Harnessing Local Sample Variations to Generate Self-Consistent EELS References for Stoichiometry Quantification. *Microscopy and Microanalysis*, **2019**, 25, 580-581 0.5