

Eric Andersson Wahlberg

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

286
citations

1163117

8
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

447
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamical charge density fluctuations pervading the phase diagram of a Cu-based high- T_c superconductor. Science, 2019, 365, 906-910.	12.6	125
2	Probing the phase diagram of cuprates with $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ thin films and nanowires. Physical Review Materials, 2018, 2, .	3.4	0
3	Transport and noise properties of YBCO nanowire based nanoSQUIDs. Superconductor Science and Technology, 2019, 32, 073001.	3.5	23
4	Grooved Dayem Nanobridges as Building Blocks of High-Performance $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ SQUID Magnetometers. Nano Letters, 2019, 19, 1902-1907.	9.1	23
5	Restored strange metal phase through suppression of charge density waves in underdoped $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. Science, 2021, 373, 1506-1510.	12.6	21
6	Properties of grooved Dayem bridge based $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ superconducting quantum interference devices and magnetometers. Applied Physics Letters, 2020, 116, 132601.	3.3	20
7	SQUID Magnetometer Based on Grooved Dayem Nanobridges and a Flux Transformer. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-4.	1.7	13
8	Untwinned $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ thin films on MgO substrates: A platform to study strain effects on the local orders in cuprates. Physical Review Materials, 2019, 3, .	2.4	0
9	Fabrication and electrical transport characterization of high quality underdoped $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ nanowires. Superconductor Science and Technology, 2020, 33, 064002.	3.5	8
10	Study of in-plane electrical transport anisotropy of a -axis oriented $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ nanodevices. Physical Review B, 2017, 95, .	3.3	7
11	Noise Properties of YBCO Nanostructures. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	5
12	Mapping the Phase Diagram of a $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ Nanowire Through Electromigration. Physical Review Applied, 2022, 17, .	1.8	0
13	Nondestructive cleaning of the $\text{LaAlO}_3/\text{SrTiO}_3$ surface with ultraviolet light and ozone. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2016, 34, .	1.2	0
14	SQUID magnetometer based on Grooved Dayem nanobridges and a flux transformer. , 2019, , .		0