

Aakash Pushp

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,140
citations

933447

10
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

1319
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualizing pair formation on the atomic scale in the high-Tc superconductor Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Nature, 2007, 447, 569-572.	27.8	414
2	Fluctuating stripes at the onset of the pseudogap in the high-Tc superconductor Bi ₂ Sr ₂ CaCu ₂ O ₈ +x. Nature, 2010, 468, 677-680.	27.8	210
3	Electronic Origin of the Inhomogeneous Pairing Interaction in the High- <i>T_c</i> Superconductor Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Science, 2008, 320, 196-201.	12.6	186
4	Domain wall trajectory determined by its fractional topological edge defects. Nature Physics, 2013, 9, 505-511.	16.7	112
5	Extending Universal Nodal Excitations Optimizes Superconductivity in Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Science, 2009, 324, 1689-1693.	12.6	107
6	Highly Efficient In-Line Magnetic Domain Wall Injector. Nano Letters, 2015, 15, 835-841.	9.1	32
7	Nanoscale Proximity Effect in the High-Temperature Superconductor $\text{Bi}_{2-x}\text{Sr}_x\text{CaCu}_2\text{O}_{8+\delta}$ as a Scanning Tunneling Microscope. Physical Review Letters, 2010, 104, 117001.	9.1	29
8	Highly Asymmetric Chiral Domain-Wall Velocities in Y-Shaped Junctions. Nano Letters, 2018, 18, 1826-1830.	9.1	21
9	Incipient stripe order in the high-temperature superconductor Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Physical Review Letters, 2010, 104, 117001.	3.2	12
10	Robust sorting of chiral domain walls in a racetrack biperler. Applied Physics Letters, 2014, 105, 222404.	3.3	12
11	Mapping of the formation of the pairing gap in. Journal of Physics and Chemistry of Solids, 2008, 69, 3034-3038.	4.0	5
12	Observation of resonant modes of coupled domain walls. , 2014, , .		0