

Martin Bluschke

List of Publications by Year in descending order

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30
papers

1,014
citations

567144

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610775

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31
all docs

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docs citations

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times ranked

1590
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonant x-ray scattering study of charge-density-wave correlations in $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$. Physical Review B, 2014, 90, .	1.1	262
2	Re-entrant charge order in overdoped $(\text{Bi,Pb})_{2.12}\text{Sr}_{1.88}\text{CuO}_6+\hat{\Gamma}$ outside the pseudogap regime. Nature Materials, 2018, 17, 697-702.	13.3	93
3	Tunable Charge and Spin Order in PrNiO_3 Thin Films and Superlattices. Physical Review Letters, 2014, 113, 227206.	2.9	91
4	Coexisting first- and second-order electronic phase transitions in a correlated oxide. Nature Physics, 2018, 14, 1056-1061.	6.5	66
5	Doping-dependent charge order correlations in electron-doped cuprates. Science Advances, 2016, 2, e1600782.	4.7	65
6	Synchrotron x-ray scattering study of charge-density-wave order in $\text{HgBa}_2\text{CuO}_2$. Physical Review B, 2017, 96, .	11.1	58
7	Element Specific Monolayer Depth Profiling. Advanced Materials, 2014, 26, 6554-6559.	11.1	58
8	Long-range charge-density-wave proximity effect at cuprate/manganate interfaces. Nature Materials, 2016, 15, 831-834.	13.3	46
9	Quantitative determination of bond order and lattice distortions in nickel oxide heterostructures by resonant x-ray scattering. Physical Review B, 2016, 93, .	1.1	38
10	Complex magnetic order in nickelate slabs. Nature Physics, 2018, 14, 1097-1102.	6.5	37
11	Stabilization of three-dimensional charge order in $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ via epitaxial growth. Nature Communications, 2018, 9, 2978.	5.8	34
12	Coupling between dynamic magnetic and charge-order correlations in the cuprate superconductor $\text{Nd}_{1-x}\text{Ce}_x\text{CuO}_2$. Physical Review B, 2018, 98, .	11	33
13	Charge-order broadening near the charge-order q vector in the bilayer cuprate $\text{Bi}_{2-x}\text{Cu}_2\text{O}_{7-x}$. Physical Review B, 2018, 98, .	11	22
14	Digital modulation of the nickel valence state in a cuprate-nickelate heterostructure. Physical Review Materials, 2018, 2, .	0.9	22
15	Dynamic electron correlations with charge order wavelength along all directions in the copper oxide plane. Nature Communications, 2021, 12, 597.	5.8	21
16	Transfer of Magnetic Order and Anisotropy through Epitaxial Integration of d_{3d} and f_{4f} Spin Systems. Physical Review Letters, 2017, 118, 207203.	2.9	15
17	Tunable perpendicular exchange bias in oxide heterostructures. Physical Review Materials, 2019, 3, .	0.9	15
18	Resonant inelastic x-ray scattering study of bond order and spin excitations in nickelate thin-film structures. Physical Review B, 2019, 99, .	1.1	11

#	ARTICLE	IF	CITATIONS
19	Adiabatic variation of the charge density wave phase diagram in the 123 cuprate $(\text{Ca}_x\text{La}_{1-x})(\text{Ba}_{1.75-x}\text{La}_{0.25+x})\text{Cu}_3\text{O}_y$. Physical Review B, 2019, 100, .	1.1	8
20	Control of dopant crystallinity in electrochemically treated cuprate thin films. Physical Review Materials, 2019, 3, .	0.9	5
21	Doping-dependent phonon anomaly and charge-order phenomena in the $\text{HgBa}_2\text{Cu}_3\text{O}_{7-x}$ and $\text{HgBa}_2\text{Cu}_3\text{O}_{7-x}$. Physical Review B, 2020, 101, .	1.1	4
22	Oxygen Hole Character and Lateral Homogeneity in $\text{PrNiO}_2+\hat{\Gamma}$ Thin Films. Frontiers in Physics, 2022, 9, .	1.0	3
23	Imprint of charge and oxygen orders on Dy ions in $\text{DyBa}_2\text{Cu}_3\text{O}_{6+x}$ thin films probed by resonant x-ray scattering. Physical Review B, 2020, 102, .	1.1	2
24	Light-induced metastable state in charge-ordered $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$. Physical Review B, 2018, 98, .	1.1	1
25	Controlling Collective Electronic States in Cuprates and Nickelates. Springer Theses, 2020, , .	0.0	0
26	Charge Order in $(\text{Ca}_x\text{La}_{1-x})(\text{Ba}_{1.75-x}\text{La}_{0.25+x})\text{Cu}_3\text{O}_y$ Single Crystals. Springer Theses, 2020, , 57-81.	0.0	0
27	Coupling Between 3d and 4f Spin Sublattices in LaNiO_3 -Based Heterostructures. Springer Theses, 2020, , 119-150.	0.0	0
28	Introduction to Charge Order in the Cuprates. Springer Theses, 2020, , 27-56.	0.0	0
29	Introduction to Antiferromagnetism in Ultrathin Nickelate Layers. Springer Theses, 2020, , 105-117.	0.0	0
30	Charge Order in $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ Thin Films. Springer Theses, 2020, , 83-104.	0.0	0