

Superconductivity mediated by polar modes in ferroelectrics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Ferroelectricity, Superconductivity, and SrTiO ₃ Passions of K.A. Müller. Condensed Matter, 2020, 5, 60.	1.8	11
2	Topological solitons and bulk polarization switch in collinear type-II multiferroics. Physical Review B, 2021, 103, .	3.2	5
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4	Extreme Ultraviolet Second Harmonic Generation Spectroscopy in a Polar Metal. Nano Letters, 2021, 21, 6095-6101.	9.1	17
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8	Isotope tuning of the superconducting dome of strontium titanate. Physical Review Research, 2022, 4, .	3.6	14
9	Theory of superconductivity due to Ngai's mechanism in lightly doped SrTiO_3 . Physical Review B, 2021, 104, .	3.2	13
10	Density-tuned isotherms and dynamic change at the superconducting transition in a gate-controlled AlO_x heterostructure. Physical Review B, 2022, 105, .	3.2	1
11	Ionic Liquid Gating of SrTiO ₃ Lamellas Fabricated with a Focused Ion Beam. Nano Letters, 2022, 22, 3872-3878.	9.1	3
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13	Theory of superconductivity in doped quantum paraelectrics. Npj Quantum Materials, 2022, 7, .	5.2	8
14	Similarity in the critical thicknesses for superconductivity and ferroelectricity in strained SrTiO ₃ films. Applied Physics Letters, 2022, 121, 012601.	3.3	3
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16	Superconductivity from energy fluctuations in dilute quantum critical polar metals. Nature Communications, 2022, 13, .	12.8	10
17	Superconductivity enhancement in polar metal regions of Sr _{0.95} Ba _{0.05} TiO ₃ and Sr _{0.985} Ca _{0.015} TiO ₃ revealed by systematic Nb doping. Npj Quantum Materials, 2022, 7, .	5.2	9
18	Synergetic Ferroelectricity and Superconductivity in Zero-Density Dirac Semimetals near Quantum Criticality. Physical Review Letters, 2022, 129, .	7.8	6

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19	Modeling polar order in compressively strained SrTiO_3 . Physical Review B, 2022, 106, .	3.2	0
20	Theory of criticality for quantum ferroelectric metals. Physical Review B, 2023, 107, .	3.2	3
21	Ferroelectricity and superconductivity in strained EuTe films. Physical Review B, 2023, 107, .	3.2	1
22	Majorana-Weyl cones in ferroelectric superconductors. Physical Review Research, 2023, 5, .	3.6	3
23	Polar Metals: Principles and Prospects. Annual Review of Materials Research, 2023, 53, 53-79.	9.3	7
24	Generalized Rashba electron-phonon coupling and superconductivity in strontium titanate. Physical Review Research, 2023, 5, .	3.6	2
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