

Pressure tuning of light-induced superconductivity in K

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Citation Report

#	ARTICLE	IF	CITATIONS
19	Smart Metastructure Method for Increasing TC of Bi(Pb)SrCaCuO High-Temperature Superconductors. Journal of Superconductivity and Novel Magnetism, 2020, 33, 3015-3025.	1.8	13
20	Huge enhancement of Sm ²⁺ emission <i>via</i> Eu ²⁺ energy transfer in a SrB ₄ O ₇ pressure sensor. Journal of Materials Chemistry C, 2020, 8, 4810-4817.	5.5	36
21	Dynamical Jahn-Teller effect in the first excited. International Journal of Quantum Chemistry, 2020, 120, e26148.	2.0	4
22	Ultrafast Sciences in Quantum Materials. Springer Theses, 2021, , 1-36.	0.1	1
23	Analytical solution for the steady states of the driven Hubbard model. Physical Review B, 2021, 103, .	3.2	9
24	Hybrid CO ₂ -Ti:sapphire laser with tunable pulse duration for mid-infrared-pump terahertz-probe spectroscopy. Optics Express, 2021, 29, 3575.	3.4	4
25	Ultrafast Mott transition driven by nonlinear electron-phonon interaction. Physical Review B, 2021, 103, .	3.2	13
26	Dynamical control of the conductivity of an atomic Josephson junction. Physical Review Research, 2021, 3, .	3.6	1
27	Evidence for metastable photo-induced superconductivity in K3C60. Nature Physics, 2021, 17, 611-618.	16.7	80
28	Higgs-Mediated Optical Amplification in a Nonequilibrium Superconductor. Physical Review X, 2021, 11, .	8.9	18
29	Relationship between the TC of Smart Meta-Superconductor Bi(Pb)SrCaCuO and Inhomogeneous Phase Content. Nanomaterials, 2021, 11, 1061.	4.1	9
30	Jahn-Teller effect in the cubic fullerenes A3C60. Physical Review B, 2021, 103, .	3.2	3
31	Deep-red circularly polarised luminescent C70 derivatives. Scientific Reports, 2021, 11, 12072.	3.3	8
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33	Reinforcing Increase of T_c in MgB ₂ Smart Meta-Superconductors by Adjusting the Concentration of Inhomogeneous Phases. Materials, 2021, 14, 3066.	2.9	6
34	Spin-orbital model for fullerenes. Physical Review B, 2021, 103, .	3.2	4
35	Light-induced enhancement of superconductivity in iron-based superconductor FeSe _{0.5} Te _{0.5} . Communications Physics, 2021, 4, .	5.3	22
36	Optical response of laser-driven charge-transfer complex described by Holstein-Hubbard model coupled to heat baths: Hierarchical equations of motion approach. Journal of Chemical Physics, 2021, 155, 064106.	3.0	7

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37	Cavity control of nonlinear phononics. <i>Physical Review Research</i> , 2021, 3, .	3.6	19
38	Two-dimensional anisotropic non-Hermitian Lieb lattice. <i>Physical Review B</i> , 2021, 104, .	3.2	10
39	Toward nonthermal control of excited quantum materials: framework and investigations by ultrafast electron scattering and imaging. <i>Comptes Rendus Physique</i> , 2021, 22, 15-73.	0.9	4
40	Tuning Metastable Light-Induced Superconductivity in K3C60 with a Hybrid CO2-Ti:Sapphire Laser. , 2021, , .		1
41	Dynamical preparation of a steady off-diagonal long-range order state in the Hubbard model with a local non-Hermitian impurity. <i>Physical Review B</i> , 2020, 102, .	3.2	10
42	Dynamic superconductivity responses in photoexcited optical conductivity and Nernst effect. <i>Physical Review Materials</i> , 2019, 3, .	2.4	17
43	Charge stiffness and long-range correlation in the optically induced \hat{I}^p -pairing state of the one-dimensional Hubbard model. <i>Physical Review Research</i> , 2020, 2, .	3.6	14
44	<i>Colloquium:</i> Nonthermal pathways to ultrafast control in quantum materials. <i>Reviews of Modern Physics</i> , 2021, 93, .	45.6	175
45	Compact and powerful THz source investigation on laser plasma wakefield injector and dielectric lined structure. <i>Physical Review Accelerators and Beams</i> , 2020, 23, .	1.6	2
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51	Cavity engineering of Hubbard U via phonon polaritons. <i>JPhys Materials</i> , 2022, 5, 024006.	4.2	5
52	Properties and challenges of hot-phonon physics in metals: MgB2 and other compounds. <i>Progress in Surface Science</i> , 2022, 97, 100664.	8.3	8
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58	Simulating Terahertz Field-Induced Ferroelectricity in Quantum Paraelectric SrTiO_3 . Physical Review Letters, 2022, 129, .	7.8	5
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61	An Ultrafast Spectroscopy System for Studying Dynamic Properties of Superconductors Under High Pressure and Low Temperature Conditions. Chinese Physics B, 0, , .	1.4	0
62	Probing the photocarrier dynamics of pressurized graphene using time-resolved Terahertz spectroscopy. Chinese Physics B, 0, , .	1.4	0
63	Ultrafast dynamics under high-pressure. Journal of Physics Condensed Matter, 2023, 35, 253002.	1.8	1
64	Phonon Softening in Nanostructured Phonon-Mediated Superconductors (Review). Journal of Physics Condensed Matter, 0, , .	1.8	0
65	Optical Saturation Produces Spurious Evidence for Photoinduced Superconductivity in K_3C_{60} . Physical Review Letters, 2023, 130, .	7.8	7
66	Generating Coherent Phonon Waves in Narrow-Band Materials: A Twisted Bilayer Graphene Phaser. Physical Review Letters, 2023, 130, .	7.8	1
67	Superconductivity and correlated phases in non-twisted bilayer and trilayer graphene. Nature Reviews Physics, 2023, 5, 304-315.	26.6	15
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74	Green-Light GaN p-n Junction Luminescent Particles Enhance the Superconducting Properties of B(P)SCCO Smart Meta-Superconductors (SMSCs). Nanomaterials, 2023, 13, 3029.	4.1	0

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76	Nonlinear response of diffusive superconductors to ac electromagnetic fields. Physical Review B, 2024, 109, .	3.2	1
77	Dynamical onset of light-induced unconventional superconductivityâ€™a Yukawa-Sachdev-Ye-Kitaev study. Communications Physics, 2024, 7, .	5.3	0
78	Theory of resonantly enhanced photo-induced superconductivity. Nature Communications, 2024, 15, .	12.8	0