

Marta Z Cieplak

List of Publications by Year in descending order

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80
all docs

80
docs citations

80
times ranked

1944
citing authors

#	ARTICLE	IF	CITATIONS
1	Upper critical field and superconductor-metal transition in ultrathin niobium films. Scientific Reports, 2020, 10, 19062.	3.3	11
2	Structural properties and magnetoresistance of La _{1.952} Sr _{0.048} CuO ₄ thin films. Journal of Applied Physics, 2020, 127, 073901.	2.5	2
3	Effect of electron doping in FeTe _{1-y} Se _y realized by Co and Ni substitution. Superconductor Science and Technology, 2019, 32, 105009.	3.5	0
4	Use of XPS to clarify the Hall coefficient sign variation in thin niobium layers buried in silicon. Applied Surface Science, 2017, 399, 32-40.	6.1	11
5	Influence of magnetic domain landscape on the flux dynamics in superconductor/ferromagnet bilayers. Physical Review B, 2016, 93, .	3.2	10
6	Transition-metal substitutions in iron chalcogenides. Physical Review B, 2015, 91, .	3.2	7
7	Transition metal doping of FeSeTe: what can we learn from transport properties. Philosophical Magazine, 2015, 95, 480-492.	1.6	7
8	Ultrathin Niobium in the Si/Nb/Si Trilayers. Acta Physica Polonica A, 2014, 126, A-140-A-144.	0.5	2
9	Phase Diagram and Activation Energy for Vortex Pinning in Nb/(Co,Pd) Superconductor-Ferromagnet Bilayer. Acta Physica Polonica A, 2014, 126, A-123-A-127.	0.5	0
10	Negative Hall coefficient of ultrathin niobium in Si/Nb/Si trilayers. Physical Review B, 2014, 90, .	3.2	10
11	Tuning vortex confinement by magnetic domains in a superconductor/ferromagnet bilayer. Physical Review B, 2013, 87, .	3.2	14
12	Enhancement of vortex pinning in superconductor/ferromagnet bilayers via angled demagnetization. Physical Review B, 2011, 84, .	3.2	10
13	Tunable phase diagram and vortex pinning in a superconductor-ferromagnet bilayer. Physical Review B, 2010, 82, .	3.2	15
14	Variable range hopping in the spin-glass phase of La _{2-x} Sr _x CuO ₄ . Journal of Physics Condensed Matter, 2008, 20, 085207.	1.8	1
15	Strain Relaxation in Thin Films of La _{1.85} Sr _{0.15} CuO ₄ Grown by Pulsed Laser Deposition. Acta Physica Polonica A, 2007, 111, 185-188.	0.5	3
16	The effect of strain on the microstructure and superconductivity of pulsed laser deposited LaSrCuO films. Superconductor Science and Technology, 2006, 19, 564-572.	3.5	6
17	Effect of the In-Plane Epitaxial Mismatch between the Substrate and the Film on the Properties of YBa ₂ Cu ₃ O _{7-δ} Films. Acta Physica Polonica A, 2006, 109, 549-554.	0.5	2
18	The enhancement of vortex pinning in ferromagnet/superconductor bilayers. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 1650-1655.	0.8	10

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19	Origin of pinning enhancement in a ferromagnet-superconductor bilayer. Journal of Applied Physics, 2005, 97, 026105.	2.5	24
20	Localization and Interaction Effects in Strongly Underdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Physical Review Letters, 2004, 92, 187003.	7.8	11
21	Absence of weak localization effects in strongly underdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Physica C: Superconductivity and Its Applications, 2004, 404, 87-94.	1.2	2
22	Magnetotransport in the normal state of $\text{La}_{1.85}\text{Sr}_{0.15}\text{Cu}_{1-y}\text{Zn}_y\text{O}_4$ films. Physical Review B, 2002, 66, .	3.2	22
23	Percolative Superconductivity in MgB_2 . Physical Review Letters, 2002, 89, 167003.	7.8	50
24	Impurity and strain effects on the magnetotransport of $\text{La}_{1.85}\text{Sr}_{0.15}\text{Cu}_{1-y}\text{Zn}_y\text{O}_4$ films. Physical Review B, 2002, 65, .	3.2	6
25	High-quality MgB_2 films on boron crystals with onset T_c of 41.7 K. Applied Physics Letters, 2001, 79, 4180-4182.	3.3	37
26	Metallic Nonsuperconducting Phase and D-Wave Superconductivity in Zn-Substituted $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$. Physical Review Letters, 2000, 84, 155-158.	7.8	28
27	Magnetic penetration depth in superconducting $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ films. Physical Review B, 1999, 59, 641-646.	3.2	18
28	Resistive and structural properties of $\text{La}_{1.85}\text{Sr}_{0.15}\text{Cu}_{1-y}\text{Zn}_y\text{O}_4$ films. Applied Physics Letters, 1998, 73, 2823-2825.	3.3	17
29	Orbital magnetoresistance in the $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ system. Physical Review B, 1998, 57, R8083-R8086.	3.2	16
30	Magnetic-Field-Induced Localization in the Normal State of Superconducting $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Physical Review Letters, 1997, 79, 495-498.	7.8	15
31	Magnetic-Field Induced Superconductor-Insulator Transition in the $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ System. Physical Review Letters, 1996, 77, 3033-3036.	7.8	36
32	The superconductor-insulator transition in the LaSrCuO system. , 1996, , 131-150.		0
33	Origin of the T_c depression and the role of charge transfer and dimensionality in ultrathin $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$. Physical Review B, 1994, 50, 12876-12886.	3.2	54
34	Thickness dependence of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ films. Applied Physics Letters, 1994, 65, 3383-3385.	3.3	64
35	Growth and properties of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ films. Applied Physics Letters, 1994, 65, 2481-2483.	3.3	50
36	Interface effects in YBCO/(Y-Pr)BCO multilayers, and the dimensionality of high- T_c superconductivity. Journal of Superconductivity and Novel Magnetism, 1994, 7, 201-204.	0.5	4

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37	Is there an intrinsic difference between bulk YBCO and a single unit-cell layer?. Physica B: Condensed Matter, 1994, 194-196, 2157-2158.	2.7	1
38	Strain and oxygenation of LSCO films. Physica C: Superconductivity and Its Applications, 1994, 235-240, 695-696.	1.2	1
39	Origin of the T _c -depression in ultrathin YBCO. , 1994, , .		1
40	From submonolayers to bulk in YBa ₂ Cu ₃ O _{7-δ} . Physica C: Superconductivity and Its Applications, 1993, 209, 31-34.	1.2	13
41	Spin dynamics in the La _{1.85} Sr _{0.15} Cu _{1-x} Fe _{x} O ₄ system probed by ESR. Physical Review B, 1993, 48, 4019-4029.	3.2	28
42	Universal Hall effect in La _{1.85} Sr _{0.15} Cu _{1-x} A _{x} O ₄ systems (A=Fe,Co,Ni,Zn,Ga). Physical Review B, 1992, 46, 8687-8690.	3.2	62
43	Metal-insulator transition in La _{1.85} Sr _{0.15} CuO ₄ with various substitutions for Cu. Physical Review B, 1992, 46, 5536-5547.	3.2	66
44	Effect of substitutional impurities on the superconducting gap of YBa ₂ Cu ₃ O _{7-δ} . Solid State Communications, 1991, 78, 727-733.	1.9	47
45	The influence of Au and Pr on the superconductivity-related gap in RBa ₂ Cu ₃ O _{7-δ} . Physica C: Superconductivity and Its Applications, 1991, 185-189, 745-746.	1.2	2
46	Superconductivity and the metal-insulator transition in La _{1.85} Sr _{0.15} CuO ₄ . Physica C: Superconductivity and Its Applications, 1991, 185-189, 1233-1234.	1.2	2
47	The metal-insulator transition in La _{1.85} Sr _{0.15} CuO ₄ with various substitutions for Cu. Superconductor Science and Technology, 1991, 4, S67-S69.	3.5	3
48	Asymmetrical effects of copper-site holes versus oxygen-site holes in La-Sr-Cu-O. Physical Review B, 1991, 43, 1245-1248.	3.2	32
49	Magnetic pair-breaking effects: Moment formation and critical doping level in superconducting La _{1.85} Sr _{0.15} Cu _{1-x} A _{x} O ₄ systems (A=Fe,Co,Ni,Zn,Ga,Al). Physical Review B, 1990, 42, 8752-8755.	3.2	310
50	Unexpected effects of gold on the structure, superconductivity, and normal state of YBa ₂ Cu ₃ O ₇ . Applied Physics Letters, 1990, 57, 934-936.	3.3	26
51	Incorporation of gold into YBa ₂ Cu ₃ O ₇ : Structure and T _c enhancement. Physical Review B, 1990, 42, 6200-6208.	3.2	97
52	Static vacancies in antiferromagnetic La ₂ CuO ₄ and superconducting La _{2-x} Sr _{x} CuO ₄ . Physical Review B, 1990, 42, 240-243.	3.2	47
53	EPR study of Fe-doped La _{1.85} Sr _{0.15} CuO ₄ . Journal of the Less Common Metals, 1990, 164-165, 870-877.	0.8	3
54	Experimental Study of High Temperature Superconductors through Substitution. , 1990, , 189-200.		0

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55	Dynamics of diluted antiferromagnetic Ising spin systems on the fcc lattice. <i>Physical Review B</i> , 1989, 39, 6757-6764.	3.2	2
56	Superconducting and normal-state properties of $\text{La}_{1.85}\text{Sr}_{0.15}\text{Cu}_{1-x}\text{GaxBO}_4$. <i>Physical Review B</i> , 1989, 39, 4222-4230.	3.2	54
57	Systematic study of $(\text{La}_{1-x}\text{Gdx})_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ ($0 \leq x \leq 1$): Structure, superconductivity, resistivity, and magnetic properties. <i>Physical Review B</i> , 1989, 40, 4538-4548.	3.2	45
58	Correlation between superconductivity and normal-state properties in the $\text{La}_{1.85}\text{Sr}_{0.15}(\text{Cu}_{1-x}\text{Znx})\text{O}_4$ system. <i>Physical Review B</i> , 1989, 39, 315-321.	3.2	117
59	Universal Correlations between T_c and n^*/m^* (Carrier Density over Effective Mass) in High- T_c Cuprate Superconductors. <i>Physical Review Letters</i> , 1989, 62, 2317-2320.	7.8	1,174
60	Significance of plane versus chain sites in high-temperature oxide superconductors. <i>Nature</i> , 1988, 332, 238-240.	27.8	210
61	High-temperature superconductivity in tetragonal perovskite structures: Is oxygen-vacancy order important?. <i>Physical Review Letters</i> , 1988, 60, 1446-1449.	7.8	324
62	Superconductivity and magnetism in transition-element-substituted $\text{YBa}_2\text{Cu}_3\text{O}_7$ compounds. <i>Journal of Applied Physics</i> , 1988, 63, 4196-4198.	2.5	17
63	Superconducting $\text{Au}/\text{YBa}_2\text{Cu}_3\text{O}_7$ composites. <i>Applied Physics Letters</i> , 1988, 52, 927-929.	3.3	34
64	Emergence of superconductivity in a bi-sr-cu-o system. <i>Physical Review B</i> , 1988, 38, 11824-11827.	3.2	30
65	Effect of noble metal buffer layers on superconducting $\text{YBa}_2\text{Cu}_3\text{O}_7$ thin films. <i>Applied Physics Letters</i> , 1987, 51, 2155-2157.	3.3	42
66	Dynamic spin susceptibility of semimagnetic semiconductors. <i>Physical Review B</i> , 1987, 36, 620-629.	3.2	10
67	Electron spin resonance studies of the temperature dependence of the ZnS visible photoluminescence. <i>Journal of Applied Physics</i> , 1986, 60, 4259-4261.	2.5	5
68	Scaling stiffness and correlations in the spin-glass-ferromagnet transition: evidence for the mixed phase. <i>Journal of Physics C: Solid State Physics</i> , 1985, 18, 1481-1493.	1.5	6
69	Spin-up problem in superfluid He_4 . <i>Physical Review B</i> , 1985, 32, 171-177.	3.2	43
70	Numerical studies of the isotropic Heisenberg model for random ferromagnets and spin glasses. <i>Journal of Physics C: Solid State Physics</i> , 1984, 17, 2933-2942.	1.5	6
71	Coordination number of percolating clusters. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1984, 104, 290-292.	2.1	3
72	Influence of boundary conditions on random unfrustrated magnetic systems. <i>Physical Review B</i> , 1982, 26, 2482-2489.	3.2	9

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73	Exciton Ground State in CdMnTe in a Magnetic Field. <i>Physica Status Solidi (B): Basic Research</i> , 1980, 97, 617-629.	1.5	11
74	The energy structure of HgMnSe in a strong magnetic field. <i>Journal of Physics C: Solid State Physics</i> , 1980, 13, 5383-5391.	1.5	20
75	Exciton binding energy in CdMnTe crystals. <i>Solid State Communications</i> , 1979, 29, 81-83.	1.9	13
76	Faraday rotation in CdMnTe in megagauss fields. <i>Journal of Physics C: Solid State Physics</i> , 1979, 12, L941-L943.	1.5	4
77	Continuous flow cryostats for measurements in pulsed magnetic fields. <i>Cryogenics</i> , 1978, 18, 56.	1.7	3
78	Optical Charge Transfer Spectra and EPR Spectra of Cr ²⁺ (d ⁴) and Cr ¹⁺ (d ⁵) in CdTe. <i>Physica Status Solidi (B): Basic Research</i> , 1975, 70, 323-331.	1.5	21
79	Current-voltage characteristics of strained, highly underdoped La ^{2-x} Sr _x CuO ₄ thin films. <i>Superconductor Science and Technology</i> , 0, , .	3.5	0