

H-Ci Kao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Preparation and fluorite \leftrightarrow pyrochlore phase transformation in Gd ₂ Zr ₂ O ₇ . Journal of Alloys and Compounds, 2009, 487, 595-598.	5.5	81
2	The effect of the Ca/Ba ratio on the superconductivity of the La ₃ Ca _{1-x} Ba _{4+x} Cu ₇ O _y system. Physica C: Superconductivity and Its Applications, 1993, 212, 32-36.	1.2	22
3	Superconductivity and hole concentration of La _{3-x} Ca _{2x} Ba _{3+x} Cu ₆ O _y compounds. Physica C: Superconductivity and Its Applications, 1996, 261, 284-288.	1.2	19
4	Superconductivity of the single phase La _{4-x} Ca _x Ba ₃ Cu ₇ O _y system. Physica C: Superconductivity and Its Applications, 1993, 214, 261-264.	1.2	17
5	Preparation and characterization of Nd ₂ Zr ₂ O ₇ nanocrystals by a polymeric citrate precursor method. Materials Chemistry and Physics, 2010, 124, 145-149.	4.0	17
6	Preparation of compact Li-doped Y ₂ Ti ₂ O ₇ solid electrolyte. Solid State Ionics, 2012, 206, 39-44.	2.7	11
7	Preparation, structure, and peritectic transition of R _{1.5} Sr _{0.5} Cu ₃ O _y (R = La, Nd, Sm, Eu, Gd, Dy, Ho.) Tj ETQq1 1 0.784314 ggBT /Over	5.2	5
8	A correlation between the oxygen stoichiometry and T _c of Bi ₂ CaSr ₂ (1-x)Cu ₂ (1-y)O _{8+1/2x-2y} superconductors. Physica C: Superconductivity and Its Applications, 1991, 177, 367-372.	1.2	7
9	Preparation of the Bi _{1.8} Pb _{0.4} Ca ₂ Sr ₂ Cu ₃ O _y Superconductor with a Citrate Precursor Method. Journal of Solid State Chemistry, 1994, 109, 227-230.	2.9	7
10	Superconductivity of compounds. Physica C: Superconductivity and Its Applications, 1996, 268, 128-132.	1.2	6
11	Rietveld analysis on Gd(Ba _{2-x} A _x)Cu ₃ O _y (A = Ca, Sr) superconductors. Physica C: Superconductivity and Its Applications, 2000, 341-348, 623-624.	1.2	5
12	Evidence of the effect of the apical oxygen on the superconductivity of Y _{1-x} Ca _x Ba ₂ Cu ₃ O _y . An O-1s X-ray absorption spectroscopy study. Physica C: Superconductivity and Its Applications, 2003, 384, 314-320.	1.2	5
13	The effect of Ca doping on the superconductivity of NdBa ₂ Cu ₃ O _y oxides. Materials Chemistry and Physics, 2005, 89, 143-147.	4.0	5
14	Qualitative study on the reaction of Bi _{1.8} Pb _{0.4} Ca ₂ Sr ₂ Cu ₃ O _y superconductor with water. Physica C: Superconductivity and Its Applications, 1993, 214, 179-181.	1.2	4
15	Kinetic study of Bi _{1.8} Pb _{0.4} Ca ₂ Sr ₂ Cu ₃ O _y superconductor in water. Physica C: Superconductivity and Its Applications, 1993, 215, 391-394.	1.2	4
16	Electrical properties of the (Y _{2-x} Li _x)Ti ₂ O _{7-x} samples with LiO _{0.5} self-flux. Solid State Ionics, 2013, 253, 227-233.	2.7	4
17	Compact Li-doped Gd ₂ Ti ₂ O ₇ prepared with LiO _{0.5} self-flux. Materials Research Bulletin, 2014, 50, 297-302.	5.2	4
18	A correlation between the T _c and hole concentration of La ₃ Ca _x Ba _{4-x} Cu ₇ O _y superconductors. Physica B: Condensed Matter, 1994, 194-196, 2165-2166.	2.7	3

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19	Rietveld analysis and superconductivity of $\text{La}_{1.5}\text{Ca}_x\text{Ba}_{1.5-x}\text{Cu}_3\text{O}_y$ compounds. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 282-287, 1069-1070.	1.2	3
20	X-ray absorption study of $\text{YBa}_2\text{Cu}_3\text{O}_y$. <i>Solid State Communications</i> , 2000, 116, 501-506.	1.9	3
21	Structural phase transitions and the effect on Pr anomalous ordering for the $\text{PrBa}_2\text{Cu}_3\text{O}_{7+y}$ system. <i>Physica B: Condensed Matter</i> , 2000, 281-282, 892-893.	2.7	2
22	Kinetics and stability of $\text{R}(\text{Ba}_{1.5}\text{Sr}_{0.5})\text{Cu}_3\text{O}_y$ (R=La, Nd, Sm, Eu, Gd, Dy, Ho) superconductors in water. <i>Materials Chemistry and Physics</i> , 2003, 82, 435-439.	4.0	2
23	Effect of substitution in the $(\text{Gd}_{1-x}\text{Ca}_x)\text{Ba}_2\text{Cu}_3\text{O}_y$ and $\text{Gd}(\text{Ba}_{2-x}\text{Ax})\text{Cu}_3\text{O}_y$ (A=Ca, Sr) superconducting compounds. <i>Physica C: Superconductivity and Its Applications</i> , 2003, 388-389, 381-382.	1.2	2
24	Superconductivity dependent on the amount of Bi and Sr in the $\text{Bi}_2\text{Sr}_2\text{CuO}_6$ compounds. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 422-423.	1.2	2
25	Preparation of a single phase $\text{Pb}_2\text{Sr}_{0.8}\text{La}_{1.2}\text{Cu}_2\text{O}_{6.1+x}$ superconductor with a citrate precursor method. <i>Physica B: Condensed Matter</i> , 1994, 194-196, 2169-2170.	2.7	0
26	Enhanced diamagnetism in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ by hydrogen-plasma treatment. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 230, 292-296.	1.2	0
27	Preparation, structure and peritectic transition of $\text{La}_{1.5-x}\text{Sr}_x\text{Ba}_{1.5-x}\text{Cu}_3\text{O}_y$ superconductors. <i>Materials Research Bulletin</i> , 1996, 31, 1391-1397.	5.2	0
28	Superconductivity, hole concentration and peritectic transition of $\text{La}_{1.5}\text{Ca}_x\text{Ba}_{1.5-x}\text{Cu}_3\text{O}_y$ compounds. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 282-287, 767-768.	1.2	0
29	Correlation of T_c with compositions in the $(\text{La}_{1-x}\text{Ca}_x\text{Pr}_z)(\text{Ba}_{1.5}\text{Sr}_{0.5})\text{Cu}_3\text{O}_y$ superconducting series. <i>Physica C: Superconductivity and Its Applications</i> , 2001, 364-365, 575-581.	1.2	0
30	Preparation of $\text{La}_{1.29}\text{Ca}_{0.43}\text{Ba}_{1.29}\text{Cu}_3\text{O}_y$ powder with different organic acids containing OH or NH ₂ . <i>IEEE Transactions on Applied Superconductivity</i> , 2001, 11, 2854-2857.	1.7	0
31	Disorder effects on $(\text{Nd}_{0.8-x}\text{Pr}_{0.2}\text{Ca}_x)\text{Ba}_2\text{Cu}_3\text{O}_y$. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 37-39.	1.2	0