Xiang Chen

List of Publications by Year
in descending order

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Version: 2024-02-01

21	197	1163117 8	1058476 14
papers	citations	h-index	g-index

21	21	21	155
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-temperature phase transition and magnetic property of LaFe11.6Si1.4 compound. Journal of Alloys and Compounds, 2011, 509, 8534-8541.	5.5	42
2	The system study of 1:13 phase formation, the magnetic transition adjustment, and magnetocaloric property in La(Fe,Co)13â^'xSix alloys. Journal of Magnetism and Magnetic Materials, 2014, 368, 155-168.	2.3	18
3	The effect of different temperature annealing on phase relation of LaFe11.5Si1.5 and the magnetocaloric effects of La0.8Ce0.2Fe11.5â^'xCoxSi1.5 alloys. Journal of Magnetism and Magnetic Materials, 2011, 323, 3177-3183.	2.3	16
4	Influence of iron on phase and magnetic property of the LaFe11.6Si1.4 compound. Journal of Rare Earths, 2011, 29, 354-358.	4.8	16
5	Phase relation of LaFe 11Â·6 Si 1Â·4 compounds annealed at different high-temperature and the magnetic property of LaFe 11Â·6â€“ x Co x Si 1Â·4 compounds. Bulletin of Materials Science, 2012, 35, 175-182.	1.7	14
6	Effects of the excess iron on phase and magnetocaloric property of LaFe11.6*xSi1.4 alloys. Journal of Rare Earths, 2015, 33, 1293-1297.	4.8	14
7	Effect of Ce, Co, B on formation of LaCo13-structure phase in La(Fe, Si)13 alloys. Transactions of Nonferrous Metals Society of China, 2014, 24, 705-711.	4.2	12
8	The effect of high-temperature annealing on LaFe11.5Si1.5 and the magnetocaloric properties of La1â^'x Ce x Fe11.5Si1.5 compounds. Rare Metals, 2011, 30, 343-347.	7.1	9
9	Phase, microstructure, and magnetocaloric effect of the large disc LaFe11.6Si1.4 alloy. Journal of Rare Earths, 2015, 33, 182-188.	4.8	9
10	The studies of high-temperature and short-time annealing, phase transition process, and magnetic property for LaFe_{11.7}Si_{1.3}compound. Phase Transitions, 2012, 85, 27-40.	1.3	7
11	Investigation on the 773ÂK isothermal section of Dyâ€“Niâ€“Si ternary phase diagram by X-ray powder diffraction. Phase Transitions, 2017, 90, 742-750.	1.3	7
12	1:13 phase formation mechanism and first-order magnetic transition strengthening characteristics in (La,Ce)Fe13â€“x Si x alloys. Rare Metals, 2016, 35, 691-700.	7.1	6
13	Study of magnetocaloric effect in LaFe11.5Si1.5 alloys prepared by different cooling methods. Bulletin of Materials Science, 2014, 37, 849-854.	1.7	5
14	Investigation on the 773ÂK isothermal section of Ho-Ni-Si ternary phase diagram by X-ray powder diffraction and magnetic property of Ho3NiSi2 alloy. Journal of Rare Earths, 2020, 38, 969-975.	4.8	5
15	Effects of solidification rate and excessive Fe on phase formation and magnetoclaoric properties of LaFe 11.6x Si 1.4. Transactions of Nonferrous Metals Society of China, 2017, 27, 2015-2021.	4.2	4
16	Investigation on the 773 K isothermal section of La-Fe-Sn ternary systems by X-ray powder diffraction. Rare Metals, 2010, 29, 567-571.	7.1	3
17	Influence of 1523ÂK annealing on phase and magnetic properties in (Gd1â€‰â^'â€‰xEr x)5Si2Ge2 compounds. Bulletin of Materials Science, 2011, 34, 1103-1108.	1.7	3
18	Investigation on the 773ÂK Isothermal Section of the Er-Ni-Si Ternary Phase Diagram by X-ray Powder Diffraction. Journal of Phase Equilibria and Diffusion, 2020, 41, 138-147.	1.4	3

#	Article	IF	Citations
19	Magnetocaloric effect of (Gd1â^'x Ce x)Co2 compounds in low magnetic fields. Rare Metals, 2009, 28, 487-490.	7.1	2
20	The study of phase, microstructure, and magnetocaloric properties in LaFe11.6*xSi1.4B0.1alloys. Phase Transitions, 2015, 88, 1045-1053.	1.3	1
21	Experimental isothermal section phase diagram of Hoâ€"Feâ€"In at 773ÂK and magnetic properties of Ho12Fe2.08In2.92 alloy. Rare Metals, 2021, 40, 987-994.	7.1	1