

Xiang Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Experimental isothermal section phase diagram of Ho-Fe-In at 773 K and magnetic properties of Ho ₁₂ Fe _{2.08} In _{2.92} alloy. <i>Rare Metals</i> , 2021, 40, 987-994.	7.1	1
2	Investigation on the 773 K Isothermal Section of the Er-Ni-Si Ternary Phase Diagram by X-ray Powder Diffraction. <i>Journal of Phase Equilibria and Diffusion</i> , 2020, 41, 138-147.	1.4	3
3	Investigation on the 773 K isothermal section of Ho-Ni-Si ternary phase diagram by X-ray powder diffraction and magnetic property of Ho ₃ NiSi ₂ alloy. <i>Journal of Rare Earths</i> , 2020, 38, 969-975.	4.8	5
4	Investigation on the 773 K isothermal section of Dy-Ni-Si ternary phase diagram by X-ray powder diffraction. <i>Phase Transitions</i> , 2017, 90, 742-750.	1.3	7
5	Effects of solidification rate and excessive Fe on phase formation and magnetocaloric properties of LaFe _{11.6} Si _{1.4} . <i>Transactions of Nonferrous Metals Society of China</i> , 2017, 27, 2015-2021.	4.2	4
6	1:13 phase formation mechanism and first-order magnetic transition strengthening characteristics in (La,Ce)Fe ₁₃ Si _x alloys. <i>Rare Metals</i> , 2016, 35, 691-700.	7.1	6
7	Effects of the excess iron on phase and magnetocaloric property of LaFe _{11.6} Si _{1.4} alloys. <i>Journal of Rare Earths</i> , 2015, 33, 1293-1297.	4.8	14
8	Phase, microstructure, and magnetocaloric effect of the large disc LaFe _{11.6} Si _{1.4} alloy. <i>Journal of Rare Earths</i> , 2015, 33, 182-188.	4.8	9
9	The study of phase, microstructure, and magnetocaloric properties in LaFe _{11.6} Si _{1.4} B _{0.1} alloys. <i>Phase Transitions</i> , 2015, 88, 1045-1053.	1.3	1
10	The system study of 1:13 phase formation, the magnetic transition adjustment, and magnetocaloric property in La(Fe,Co) ₁₃ Si _x alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 368, 155-168.	2.3	18
11	Study of magnetocaloric effect in LaFe _{11.5} Si _{1.5} alloys prepared by different cooling methods. <i>Bulletin of Materials Science</i> , 2014, 37, 849-854.	1.7	5
12	Effect of Ce, Co, B on formation of LaCo ₁₃ -structure phase in La(Fe, Si) ₁₃ alloys. <i>Transactions of Nonferrous Metals Society of China</i> , 2014, 24, 705-711.	4.2	12
13	The studies of high-temperature and short-time annealing, phase transition process, and magnetic property for LaFe _{11.7} Si _{1.3} compound. <i>Phase Transitions</i> , 2012, 85, 27-40.	1.3	7
14	Phase relation of LaFe _{11.6} Si _{1.4} compounds annealed at different high-temperature and the magnetic property of LaFe _{11.6} Si _{1.4} compounds. <i>Bulletin of Materials Science</i> , 2012, 35, 175-182.	1.7	14
15	High-temperature phase transition and magnetic property of LaFe _{11.6} Si _{1.4} compound. <i>Journal of Alloys and Compounds</i> , 2011, 509, 8534-8541.	5.5	42
16	The effect of different temperature annealing on phase relation of LaFe _{11.5} Si _{1.5} and the magnetocaloric effects of La _{0.8} Ce _{0.2} Fe _{11.5} Si _{1.5} alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2011, 323, 3177-3183.	2.3	16
17	Influence of 1523 K annealing on phase and magnetic properties in (Gd _{1-x} Er _x) ₅ Si ₂ Ge ₂ compounds. <i>Bulletin of Materials Science</i> , 2011, 34, 1103-1108.	1.7	3
18	The effect of high-temperature annealing on LaFe _{11.5} Si _{1.5} and the magnetocaloric properties of La _{1-x} Ce _x Fe _{11.5} Si _{1.5} compounds. <i>Rare Metals</i> , 2011, 30, 343-347.	7.1	9

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19	Influence of iron on phase and magnetic property of the LaFe _{11.6} Si _{1.4} compound. Journal of Rare Earths, 2011, 29, 354-358.	4.8	16
20	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
21	Magnetocaloric effect of (Gd _{1-x} Ce _x)Co ₂ compounds in low magnetic fields. Rare Metals, 2009, 28, 487-490.	7.1	2