Wei He

List of Publications by Year
in descending order

40	256	949132	1003665
papers	citations	9 h-index	14 g-index

47	47	47	321
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The isothermal section of the phase diagram of Gd-Mn-Ga (â‰50 at.%Ga) ternary system at 873K. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2024, 85, 102668.	1.7	0
2	Crystal Structure and Magnetic Properties of HfFe₆Ge₆-Type ErMn_{6â€“x}Co_xGe₆ (x = 0â€“1.45) Alloys. Inorganic Chemistry, 2023, 62, 2625-2636.	4.2	0
3	The effect of Al on crystal structure and magnetic properties of GdGa. Journal of Materials Science: Materials in Electronics, 2023, 34, .	2.2	0
4	The crystal structure and magnetic properties of GdMn6Ge6â^'xSix. Journal of Materials Science: Materials in Electronics, 2022, 33, 3835-3848.	2.2	1
5	First-principles study on structural, mechanical, and electronic properties of REAuBi₂ (RE) Tj ETQq1 1 0.784314 rgBT /Over	1.3	0
6	Fused deposition modeling of poly (lactic acid)/almond shell composite filaments. Polymer Composites, 2021, 42, 899-913.	4.6	14
7	Phase relationships of the Coâ€“Mnâ€“In system at 673ÂK and the crystal structure and magnetic properties of the novel Co42Mn34In24 compound. Journal of Materials Science, 2021, 56, 10074-10091.	3.7	1
8	The crystal structure, magnetic and magnetocaloric properties of Mn8â^'xCrxGa5. Journal of Materials Science: Materials in Electronics, 2021, 32, 21368-21378.	2.2	0
9	Starch-based magnetic nanocomposite as an efficient absorbent for anticancer drug removal from aqueous solution. International Journal of Biological Macromolecules, 2021, 184, 509-521.	7.7	21
10	The Phase Relations of the Co-Ni-In Ternary System at 673 K and 873 K and Magnetic Properties of Their Compounds. Materials, 2020, 13, 3990.	3.0	3
11	Fused Deposition Modeling of Poly (lactic acid)/Nutshells Composite Filaments: Effect of Alkali Treatment. Journal of Polymers and the Environment, 2020, 28, 3139-3152.	5.0	18
12	Preparation, characterization and physicochemical properties of cassava starch-ferulic acid complexes by mechanical activation. International Journal of Biological Macromolecules, 2020, 160, 482-488.	7.7	34
13	LC-MS/MS analysis of plasma glucosylsphingosine as a biomarker for diagnosis and follow-up monitoring in Gaucher disease in the Spanish population. Clinical Chemistry and Laboratory Medicine, 2020, 58, 798-809.	2.3	12
14	Effect of A-site ionic disorder on the structure, magnetic, and magnetocaloric properties of La0.7â^'xNdxCa0.3â^'y(Ba,Sr)yMnO3. Journal of Applied Physics, 2020, 127, .	2.3	11
15	Fused Deposition Modeling of Poly (lactic acid)/Macadamia Compositesâ€”Thermal, Mechanical Properties and Scaffolds. Materials, 2020, 13, 258.	3.0	17
16	Phase equilibria in the Gd-Ge-Sb system at 773ÂK and the magnetic properties of novel compound Gd8Ge13.29Sb1.72. Journal of Alloys and Compounds, 2020, 825, 153841.	5.7	0
17	Fused Deposition Modeling of Poly (Lactic Acid)/Walnut Shell Biocomposite Filamentsâ€”Surface Treatment and Properties. Applied Sciences (Switzerland), 2019, 9, 4892.	2.6	17
18	Effect of Co-doping on structural, magnetic and magnetocaloric properties of La0.67Ca0.13Ba0.2Mn1-xCoxO3 (x = 0, 0.02, 0.04, 0.06, 0.08, 0.1) manganites. Current Applied Physics, 2019, 19, 424-435.	2.5	7

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19	Synthesis, in vitro coagulation activities and molecular docking studies on three L-histidine amide derivatives. Chemical Research in Chinese Universities, 2018, 34, 90-94.	2.7	2
20	Spin Nematicity and Large Lowâ€Field Positive Magnetoresistance in a Halfâ€Doped Manganite: An Approach Exploiting Cation Size Disorder. Advanced Electronic Materials, 2015, 1, 1500051.	5.4	4
21	Crystal structures of new R3CoAl3Ge2 (R=Gdâ€“Er) quaternary compounds and magnetic properties and lattice thermal expansion of Gd3CoAl3Ge2. Journal of Alloys and Compounds, 2015, 627, 307-312.	5.7	8
22	Crystal structure of new R2TAl4Ge2 (R = Y, Gdâ€“Er, T = Fe, Co) quaternary compounds and magnetic properties of Gd2TAl4Ge2. Journal of Alloys and Compounds, 2015, 633, 265-271.	5.7	5
23	Crystal structure and electrical resistivity of ZrAg0.46Al2.54. Advances in computer science research (Amsterdam), 2015, , .	0.0	1
24	Superparamagnetic Supported Catalyst H3PW12O40/Î³-Fe2O3 for Alkylation of Thiophene with Olefine. Chinese Journal of Chemical Engineering, 2014, 22, 305-311.	3.5	9
25	Phase relationship of Dy-Fe-Mn system at 773 K. Journal of Rare Earths, 2014, 32, 655-662.	4.9	5
26	Effect of dy on structure and magnetic properties of CoPt alloys. Journal Wuhan University of Technology, Materials Science Edition, 2013, 28, 840-843.	1.0	1
27	Electrochemical performance of Gd-Co-Mn alloys. Journal of Rare Earths, 2012, 30, 540-544.	4.9	1
28	Isothermal section of the Hoâ€“Coâ€“Fe system at 773K. Journal of Alloys and Compounds, 2011, 509, 632-635.	5.7	8
29	Phase relationships of the Prâ€“Coâ€“Fe system at 773K. Journal of Alloys and Compounds, 2011, 509, 6787-6793.	5.7	6
30	Investigation on the isothermal section of the Gdâ€“Niâ€“Y ternary system at 773K. Journal of Alloys and Compounds, 2011, 509, 6794-6799.	5.7	0
31	Electrochemical performance of compounds Ho6Fe23â^'xCox (x=0, 1, 3). Journal of Rare Earths, 2011, 29, 124-128.	4.9	3
32	Electrochemical performance of alloys Ho5Fe3Co12and Ho33.3Co66.7. Journal of Rare Earths, 2010, 28, 618-621.	4.9	3
33	New ternary compound La8Al13Sn3. Rare Metals, 2009, 28, 491-493.	7.2	0
34	Crystal structure and electrical resistivity of NdCo2Al8. Journal of Alloys and Compounds, 2009, 467, 6-9.	5.7	10
35	Isothermal section of the Gdâ€“Coâ€“V ternary system at 773K. Journal of Alloys and Compounds, 2009, 470, 218-221.	5.7	4
36	Phase equilibrium of the Gdâ€“Feâ€“Co system at 873K. Journal of Alloys and Compounds, 2009, 471, 74-77.	5.7	12

#	Article	IF	Citations
37	New structure of ternary compound ErAlSi. Journal of Alloys and Compounds, 2008, 455, 221-224.	5.7	3
38	Electrochemical performance of compounds Gd6Mn23â^'xNix (x=0â€“1.4). Journal of Alloys and Compounds, 2008, 456, 277-281.	5.7	5
39	New structure of the ternary compound DyAlSi. Journal of Alloys and Compounds, 2006, 424, 105-107.	5.7	6
40	Investigations on ancient bronze drums from Majiang, Guangxi, P. R. China. Powder Diffraction, 0, , 1-7.	0.3	0