

# Jinhua Zhang

## List of Publications by Year in descending order

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13  
papers

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citations

1307594

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1199594

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docs citations

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times ranked

156  
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#	ARTICLE	IF	CITATIONS
1	Preparation of spherical amorphous boron particles via a green silicothermic reduction method. <i>Materials Letters</i> , 2022, , 132180.	2.6	0
2	Effect of Tiâ€“Siâ€“Fe alloys on microstructure and properties of nitride/oxy-nitride bonded SiC ceramics sintered under CO/N <sub>2</sub> atmosphere. <i>Ceramics International</i> , 2022, , .	4.8	2
3	Effect of alumina content on the crystal structure, lattice thermal expansion and thermal conductivity of aluminium-rich spinel solid solutions. <i>Materials Chemistry and Physics</i> , 2022, 288, 126366.	4.0	6
4	Silicothermic synthesis of phaseâ€“pure HfB <sub>2</sub> fine powder. <i>Journal of the American Ceramic Society</i> , 2021, 104, 785-792.	3.8	6
5	Preparation of ultrafine titanium nitride powders in xNa <sub>2</sub> O - yTiO <sub>2</sub> - C - N <sub>2</sub> system. <i>Materials Chemistry and Physics</i> , 2021, 273, 125085.	4.0	1
6	Synthesis of ZrB <sub>2</sub> powders by molten-salt participating silicothermic reduction. <i>Journal of Alloys and Compounds</i> , 2020, 834, 155062.	5.5	12
7	Solubility limits, crystal structure and lattice thermal expansion of Ln <sub>2</sub> O <sub>3</sub> (Ln=Sm, Eu, Gd) doped CeO <sub>2</sub> . <i>Journal of Alloys and Compounds</i> , 2017, 718, 85-91.	5.5	21
8	Influence of deposition temperature on crystalline structure and morphologies of Co <sub>3</sub> O <sub>4</sub> films prepared by a direct liquid injection chemical vapor deposition. <i>Surface and Coatings Technology</i> , 2017, 319, 110-116.	4.8	11
9	Lattice thermal expansion and solubility limits of neodymium-doped ceria. <i>Journal of Solid State Chemistry</i> , 2016, 243, 57-61.	2.9	5
10	Lattice thermal expansion of the solid solutions (La <sub>1-x</sub> Sm <sub>x</sub> ) <sub>2</sub> Ce <sub>2</sub> O <sub>7</sub> . <i>Materials Research Bulletin</i> , 2014, 57, 320-324.	5.2	10
11	Anisotropic grain growth in diphasic-gel-derived vanadium pentoxide doped mullite. <i>Journal of Crystal Growth</i> , 2013, 364, 11-15.	1.5	9
12	Preparation of mullite whiskers and their enhancement effect on ceramic matrix composites. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2013, 28, 471-475.	1.0	14
13	Thermal expansion and solubility limits of cerium-doped lanthanum zirconates. <i>Journal of Alloys and Compounds</i> , 2012, 525, 78-81.	5.5	34