

Jinhua Zhang

List of Publications by Year in descending order

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13
papers

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docs citations

13
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156
citing authors

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