# WuHua Yuan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5700711/publications.pdf

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|---|---|---|---|
| 11 papers | 246 citations | 1307594 7 h-index | 1281871 11 g-index |
| 11 all docs | 11 docs citations | 11 times ranked | 213 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Effects of La addition on the mechanical properties and thermal-resistant properties of Alâ€“Mgâ€“Siâ€“Zr alloys based on AA 6201. Materials & Design, 2012, 34, 788-792. | 5.1 | 81 |
| 2 | Effect of Zr addition on properties of Alâ€“Mgâ€“Si aluminum alloy used for all aluminum alloy conductor. Materials & Design, 2011, 32, 4195-4200. | 5.1 | 65 |
| 3 | Phase stability, thermal conductivity and crystal growth behavior of RE2O3 (REâ€‰=â€‰La,Yb,Ce,Gd) co-doped Y2O3 stabilized ZrO2 powder. Journal of Sol-Gel Science and Technology, 2017, 84, 341-348. | 2.4 | 21 |
| 4 | Improvement of thermal stability of zirconia aerogel by addition of yttrium. Journal of Sol-Gel Science and Technology, 2016, 80, 667-674. | 2.4 | 18 |
| 5 | Effect of Y2O3 addition on the phase composition and crystal growth behavior of YSZ nanocrystals prepared via coprecipitation process. Ceramics International, 2015, 41, 10702-10709. | 4.8 | 17 |
| 6 | Effect of magnesium titanate content on microstructures, mechanical performances and dielectric properties of Si3N4-based composite ceramics. Ceramics International, 2017, 43, 9906-9911. | 4.8 | 10 |
| 7 | Dynamic Softening Mechanisms and Microstructure Evolution of TB18 Titanium Alloy during Uniaxial Hot Deformation. Metals, 2021, 11, 789. | 2.3 | 10 |
| 8 | Effect of organic additions on the phase composition and crystal growth behavior of 8Âwt% yttria-stabilized zirconia nanocrystals prepared via solâ€“gel process. Journal of Sol-Gel Science and Technology, 2015, 74, 432-446. | 2.4 | 7 |
| 9 | Effect of TiO<sub>2</sub> addition on the microstructures, mechanical and dielectric properties of porous Si<sub>3</sub>N<sub>4</sub>-based ceramics. Advances in Applied Ceramics, 2017, 116, 348-354. | 1.1 | 6 |
| 10 | Constitutive Relationship for Hot Deformation of TB18 Titanium Alloy. Advances in Materials Science and Engineering, 2020, 2020, 1-14. | 1.8 | 6 |
| 11 | Interaction of stress relaxation aging behavior and microstructural evolution in Inconel 718 alloy with different initial stress status. Journal of Materials Science, 2021, 56, 13814-13826. | 3.7 | 5 |