

WuHua Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Dynamic Softening Mechanisms and Microstructure Evolution of TB18 Titanium Alloy during Uniaxial Hot Deformation. <i>Metals</i> , 2021, 11, 789. | 2.3 | 10 |
| 2 | Interaction of stress relaxation aging behavior and microstructural evolution in Inconel 718 alloy with different initial stress status. <i>Journal of Materials Science</i> , 2021, 56, 13814-13826. | 3.7 | 5 |
| 3 | Constitutive Relationship for Hot Deformation of TB18 Titanium Alloy. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-14. | 1.8 | 6 |
| 4 | Effect of TiO_2 addition on the microstructures, mechanical and dielectric properties of porous Si_3N_4 -based ceramics. <i>Advances in Applied Ceramics</i> , 2017, 116, 348-354. | 1.1 | 6 |
| 5 | Effect of magnesium titanate content on microstructures, mechanical performances and dielectric properties of Si_3N_4 -based composite ceramics. <i>Ceramics International</i> , 2017, 43, 9906-9911. | 4.8 | 10 |
| 6 | Phase stability, thermal conductivity and crystal growth behavior of RE_2O_3 ($\text{RE}=\text{La, Yb, Ce, Gd}$) co-doped Y_2O_3 stabilized ZrO_2 powder. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 84, 341-348. | 2.4 | 21 |
| 7 | Improvement of thermal stability of zirconia aerogel by addition of yttrium. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 80, 667-674. | 2.4 | 18 |
| 8 | Effect of Y_2O_3 addition on the phase composition and crystal growth behavior of YSZ nanocrystals prepared via coprecipitation process. <i>Ceramics International</i> , 2015, 41, 10702-10709. | 4.8 | 17 |
| 9 | Effect of organic additions on the phase composition and crystal growth behavior of 8 wt% yttria-stabilized zirconia nanocrystals prepared via sol-gel process. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 74, 432-446. | 2.4 | 7 |
| 10 | Effects of La addition on the mechanical properties and thermal-resistant properties of Al-Mg-Si-Zr alloys based on AA 6201. <i>Materials & Design</i> , 2012, 34, 788-792. | 5.1 | 81 |
| 11 | Effect of Zr addition on properties of Al-Mg-Si aluminum alloy used for all aluminum alloy conductor. <i>Materials & Design</i> , 2011, 32, 4195-4200. | 5.1 | 65 |