

Nor Ishida Zainal Abidin

List of Publications by Year in descending order

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14
papers

1,343
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

1505
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Corrosion mechanism applicable to biodegradable magnesium implants. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2011, 176, 1609-1636. | 3.5 | 355 |
| 2 | Corrosion of high purity Mg, Mg ₂ Zn _{0.2} Mn, ZE41 and AZ91 in Hank's solution at 37 °C. <i>Corrosion Science</i> , 2011, 53, 3542-3556. | 6.6 | 191 |
| 3 | The in vivo and in vitro corrosion of high-purity magnesium and magnesium alloys WZ21 and AZ91. <i>Corrosion Science</i> , 2013, 75, 354-366. | 6.6 | 174 |
| 4 | Corrosion behaviour of a nominally high purity Mg ingot produced by permanent mould direct chill casting. <i>Corrosion Science</i> , 2012, 61, 185-207. | 6.6 | 158 |
| 5 | Corrosion of high purity Mg, AZ91, ZE41 and Mg ₂ Zn _{0.2} Mn in Hank's solution at room temperature. <i>Corrosion Science</i> , 2011, 53, 862-872. | 6.6 | 136 |
| 6 | Interpreting the weld formations using acoustic emission for the carbon steels and stainless steels welds in servo-based resistance spot welding. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 86, 1-8. | 3.0 | 133 |
| 7 | A facile, bio-based, novel approach for synthesis of covalently functionalized graphene nanoplatelet nano-coolants toward improved thermo-physical and heat transfer properties. <i>Journal of Colloid and Interface Science</i> , 2018, 509, 140-152. | 9.4 | 90 |
| 8 | Bioresorbable and degradable behaviors of PGA: Current state and future prospects. <i>Polymer Engineering and Science</i> , 2020, 60, 2657-2675. | 3.1 | 45 |
| 9 | Evaluation of Coatings for Mg Alloys for Biomedical Applications. <i>Advanced Engineering Materials</i> , 2015, 17, 58-67. | 3.5 | 18 |
| 10 | Influence of sodium on the properties of sol-gel derived hydroxyapatite powder and porous scaffolds. <i>Ceramics International</i> , 2017, 43, 12263-12269. | 4.8 | 15 |
| 11 | Effect of oxidation temperature on physical and electrical properties of ZrO ₂ thin-film gate oxide on Ge substrate. <i>Thin Solid Films</i> , 2017, 642, 352-358. | 1.8 | 12 |
| 12 | Surface and interface characteristics of annealed ZrO ₂ /Ge oxide-semiconductor structure in argon ambient. <i>Surfaces and Interfaces</i> , 2021, 23, 101007. | 3.0 | 6 |
| 13 | Magnesium Corrosion in Different Solutions. <i>Materials Science Forum</i> , 0, 690, 369-372. | 0.3 | 5 |
| 14 | Structural, chemical, and electrical properties of ZrO ₂ /Ge system formed via oxidation/nitridation in N ₂ O gas ambient. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 12888-12898. | 2.2 | 5 |