

Nor Ishida Zainal Abidin

List of Publications by Year in descending order

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14
papers

1,343
citations

933447

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1125743

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docs citations

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times ranked

1505
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Bioresorbable and degradable behaviors of <scp>PGA</scp>: Current state and future prospects. <i>Polymer Engineering and Science</i> , 2020, 60, 2657-2675.	3.1	45
3	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
4	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
5	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
6	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
7	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
8	Evaluation of Coatings for Mg Alloys for Biomedical Applications. <i>Advanced Engineering Materials</i> , 2015, 17, 58-67.	3.5	18
9	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
10	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
11	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
12	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
13	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
14	Magnesium Corrosion in Different Solutions. <i>Materials Science Forum</i> , 0, 690, 369-372.	0.3	5