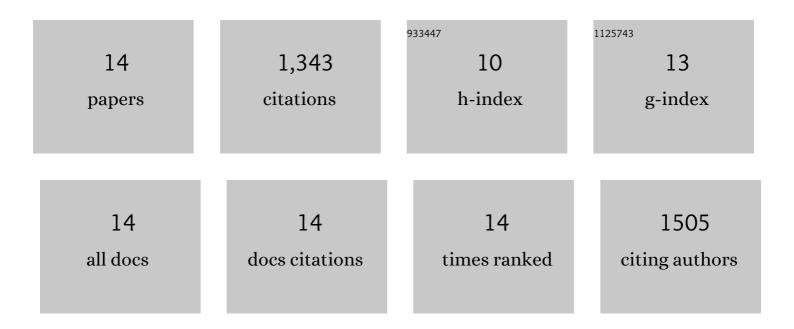
Nor Ishida Zainal Abidin

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9448371/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Corrosion mechanism applicable to biodegradable magnesium implants. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2011, 176, 1609-1636.	3.5	355
2	Corrosion of high purity Mg, Mg2Zn0.2Mn, ZE41 and AZ91 in Hank's solution at 37 °C. Corrosion Science, 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. Corrosion Science, 2013, 75, 354-366.	6.6	174
4	Corrosion behaviour of a nominally high purity Mg ingot produced by permanent mould direct chill casting. Corrosion Science, 2012, 61, 185-207.	6.6	158
5	Corrosion of high purity Mg, AZ91, ZE41 and Mg2Zn0.2Mn in Hank's solution at room temperature. Corrosion Science, 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. International Journal of Advanced Manufacturing Technology, 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. Journal of Colloid and Interface Science, 2018, 509, 140-152.	9.4	90
8	Bioresorbable and degradable behaviors of <scp>PGA</scp> : Current state and future prospects. Polymer Engineering and Science, 2020, 60, 2657-2675.	3.1	45
9	Evaluation of Coatings for Mg Alloys for Biomedical Applications. Advanced Engineering Materials, 2015, 17, 58-67.	3.5	18
10	Influence of sodium on the properties of sol-gel derived hydroxyapatite powder and porous scaffolds. Ceramics International, 2017, 43, 12263-12269.	4.8	15
11	Effect of oxidation temperature on physical and electrical properties of ZrO2 thin-film gate oxide on Ge substrate. Thin Solid Films, 2017, 642, 352-358.	1.8	12
12	Surface and interface characteristics of annealed ZrO2/Ge oxide-semiconductor structure in argon ambient. Surfaces and Interfaces, 2021, 23, 101007.	3.0	6
13	Magnesium Corrosion in Different Solutions. Materials Science Forum, 0, 690, 369-372.	0.3	5
14	Structural, chemical, and electrical properties of ZrO2/Ge system formed via oxidation/nitridation in N2O gas ambient. Journal of Materials Science: Materials in Electronics, 2018, 29, 12888-12898.	2.2	5