Naing Naing Aung

List of Publications by Year
in descending order

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		567281	839539
18	1,879	15	18
papers	citations	h-index	g-index

19	19	19	1558
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of microstructural effects on corrosion behaviour of AZ91D magnesium alloy. Corrosion Science, 2000, 42, 1433-1455.	6.6	583
2	Effect of grain size and twins on corrosion behaviour of AZ31B magnesium alloy. Corrosion Science, 2010, 52, 589-594.	6.6	496
3	Effect of heat treatment on corrosion behaviour of magnesium alloy AZ91D in simulated body fluid. Corrosion Science, 2010, 52, 1035-1041.	6.6	209
4	Wear behaviour of AZ91D alloy at low sliding speeds. Wear, 2008, 265, 780-786.	3.1	104
5	Effect of carbon nanotubes on corrosion of Mgâ€“CNT composites. Corrosion Science, 2010, 52, 1551-1553.	6.6	82
6	Effect of antimony, bismuth and calcium addition on corrosion and electrochemical behaviour of AZ91 magnesium alloy. Corrosion Science, 2009, 51, 403-408.	6.6	69
7	A new method of studying buried steel corrosion and its inhibition using the wire beam electrode. Corrosion Science, 2004, 46, 3057-3067.	6.6	52
8	Novel corrosion experiments using the wire beam electrode. (I) Studying electrochemical noise signatures from localised corrosion processes. Corrosion Science, 2006, 48, 23-38.	6.6	52
9	Effect of temperature on coal ash hot corrosion resistance of Inconel 740 superalloy. Corrosion Science, 2014, 82, 227-238.	6.6	50
10	Effect of SO2 in flue gas on coal ash hot corrosion of Inconel 740 alloy â€“ A high temperature electrochemical sensor study. Corrosion Science, 2013, 76, 390-402.	6.6	35
11	Evaluating localised corrosion intensity using the wire beam electrode. Corrosion Science, 2012, 63, 379-386.	6.6	33
12	Novel corrosion experiments using the wire beam electrode: (III) Measuring electrochemical corrosion parameters from both the metallic and electrolytic phases. Corrosion Science, 2006, 48, 53-66.	6.6	23
13	Novel corrosion experiments using the wire beam electrode: (II) Monitoring the effects of ions transportation on electrochemical corrosion processes. Corrosion Science, 2006, 48, 39-52.	6.6	19
14	Novel corrosion experiments using the wire beam electrode. (IV) Studying localised anodic dissolution of aluminium. Corrosion Science, 2006, 48, 67-78.	6.6	18
15	High temperature electrochemical sensor for in situ monitoring of hot corrosion. Corrosion Science, 2012, 65, 1-4.	6.6	17
16	A novel electrochemical method for monitoring corrosion under insulation. Anti-Corrosion Methods and Materials, 2006, 53, 175-179.	1.5	15
17	Heat-transfer corrosion behaviour of cast Al alloy. Corrosion Science, 2008, 50, 3308-3313.	6.6	11
18	Development of self-powered wireless high temperature electrochemical sensor for in situ corrosion monitoring of coal-fired power plant. ISA Transactions, 2015, 55, 188-194.	5.7	11