

# Naing Naing Aung

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

1,879  
citations

567281

15  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1558  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Effect of temperature on coal ash hot corrosion resistance of Inconel 740 superalloy. Corrosion Science, 2014, 82, 227-238.	6.6	50
3	Effect of SO <sub>2</sub> in flue gas on coal ash hot corrosion of Inconel 740 alloy – A high temperature electrochemical sensor study. Corrosion Science, 2013, 76, 390-402.	6.6	35
4	Evaluating localised corrosion intensity using the wire beam electrode. Corrosion Science, 2012, 63, 379-386.	6.6	33
5	High temperature electrochemical sensor for in situ monitoring of hot corrosion. Corrosion Science, 2012, 65, 1-4.	6.6	17
6	Effect of grain size and twins on corrosion behaviour of AZ31B magnesium alloy. Corrosion Science, 2010, 52, 589-594.	6.6	496
7	Effect of heat treatment on corrosion behaviour of magnesium alloy AZ91D in simulated body fluid. Corrosion Science, 2010, 52, 1035-1041.	6.6	209
8	Effect of carbon nanotubes on corrosion of Mg–CNT composites. Corrosion Science, 2010, 52, 1551-1553.	6.6	82
9	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
10	Wear behaviour of AZ91D alloy at low sliding speeds. Wear, 2008, 265, 780-786.	3.1	104
11	Heat-transfer corrosion behaviour of cast Al alloy. Corrosion Science, 2008, 50, 3308-3313.	6.6	11
12	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
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: (III) Measuring electrochemical corrosion parameters from both the metallic and electrolytic phases. Corrosion Science, 2006, 48, 53-66.	6.6	23
15	Novel corrosion experiments using the wire beam electrode. (IV) Studying localised anodic dissolution of aluminium. Corrosion Science, 2006, 48, 67-78.	6.6	18
16	A novel electrochemical method for monitoring corrosion under insulation. Anti-Corrosion Methods and Materials, 2006, 53, 175-179.	1.5	15
17	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
18	Evaluation of microstructural effects on corrosion behaviour of AZ91D magnesium alloy. Corrosion Science, 2000, 42, 1433-1455.	6.6	583