

# Muhammad Firdaus Mohd Nazeri

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

224  
citations

1478505

6  
h-index

1058476

14  
g-index

22  
all docs

22  
docs citations

22  
times ranked

122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective electrochemical etching of the Sn-3Ag-0.5Cu/0.07Åwt% graphene nanoparticle composite solder. Arabian Journal of Chemistry, 2021, 14, 103392.	4.9	5
2	Corrosion Investigation of Sn-0.7Cu Pb-Free Solder in Open-Circuit and Polarized Conditions. IOP Conference Series: Materials Science and Engineering, 2020, 957, 012012.	0.6	2
3	The Effect of Al Micro-Alloying on Corrosion and Thermal Properties of Sn-Zn Alloy. Materials Science Forum, 2020, 1010, 98-103.	0.3	1
4	Corrosion characterization of Sn-Zn solder: a review. Soldering and Surface Mount Technology, 2019, 31, 52-67.	1.5	21
5	Corrosion Assessment of Sn-0.7Cu Lead-Free Solder in 1 M Hydrochloric Acid. IOP Conference Series: Materials Science and Engineering, 2019, 701, 012058.	0.6	0
6	Post-Corrosion Mechanical Analysis of Sn-Zn Alloys: A Short Review. IOP Conference Series: Materials Science and Engineering, 2019, 701, 012049.	0.6	4
7	Study of Mxene: Characterization and Radiation Properties of Two-Dimensional Titanium Carbide. Solid State Phenomena, 2018, 280, 31-35.	0.3	0
8	Microstructure and Phase Analyses on the Corrosion of SAC305 Solder in NaCl Solution. Solid State Phenomena, 2018, 273, 91-94.	0.3	1
9	Polarization Study of Sn-0.7Cu Solder Alloy in 1M Hydrochloric Solution. Materials Science Forum, 2017, 888, 394-399.	0.3	2
10	Corrosion Study of SAC305 Solder in Acidic Solution. Materials Science Forum, 2016, 840, 336-339.	0.3	0
11	Effect of Corrosion in Alkaline Solution to the Microstructure and Mechanical Properties of Cu/Sn-9Zn/Cu. Procedia Chemistry, 2016, 19, 247-252.	0.7	3
12	Corrosion resistance of ternary Sn-9Zn-xIn solder joint in alkaline solution. Journal of Alloys and Compounds, 2016, 661, 516-525.	5.5	36
13	Effect of exposure to alkaline solution on Sn-9Zn solder joints. Journal of Materials Processing Technology, 2015, 219, 164-172.	6.3	20
14	Corrosion of Sn-3.0Ag-0.5Cu thin films on Cu substrates in alkaline solution. Soldering and Surface Mount Technology, 2014, 26, 79-86.	1.5	5
15	Corrosion measurement of Sn-9Zn lead-free solders in 6 M KOH solution. Measurement: Journal of the International Measurement Confederation, 2014, 47, 820-826.	5.0	40
16	Effect of polarizations on Sn-9Zn solders alloys in alkaline electrolyte. Journal of Alloys and Compounds, 2014, 606, 278-287.	5.5	38
17	Corrosion Behavior of Sn-3.0Ag-0.5Cu Lead-Free Solder in Potassium Hydroxide Electrolyte. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2012, 43, 3742-3747.	2.2	33
18	Corrosion Properties of Sn-9Zn Solder in Acidic Solution. Materials Science Forum, 0, 888, 365-372.	0.3	7

#	ARTICLE	IF	CITATIONS
19	Effect of Al Additions on Corrosion Performance of Sn-9Zn Solder in Acidic Solution. Solid State Phenomena, 0, 273, 46-50.	0.3	2
20	Corrosion Performance of Sn-9Zn and Sn-0.7Cu in 3.5% NaCl Solution. Solid State Phenomena, 0, 273, 56-60.	0.3	1
21	The Preliminary Study of the Addition Zinc in Tin-Copper Lead Free Solder. Materials Science Forum, 0, 1010, 104-108.	0.3	3