

# Jacob Elias

## List of Publications by Year in descending order

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1937685  
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#	ARTICLE	IF	CITATIONS
1	Investigations on the Corrosion Properties of Sn-0.5Cu-Bi-xAg Lead Free Solder Alloys in 3.5% NaCl Solution. Transactions on Electrical and Electronic Materials, 2021, 22, 150-159.	1.9	2
2	Investigations on the Corrosion Properties of Sn-1Cu-1Ni-xAg Lead Free Solders in 3.5% NaCl Solution. Protection of Metals and Physical Chemistry of Surfaces, 2021, 57, 858-865.	1.1	1
3	Experimental Investigation on the Effect of Ag Addition on Ternary Lead Free Solder Alloy Sn-0.5Cu-3Bi. Metals and Materials International, 2020, 26, 107-114.	3.4	18
4	Investigations on the properties of new lead free solder alloy composition Sn-0.5Cu-3.5Bi. Materials Today: Proceedings, 2020, 21, 329-331.	1.8	4
5	Experimental Investigations on Impact Toughness and Shear Strength of Lead Free Solder Alloy Sn-0.5Cu-3Bi-xAg. Transactions on Electrical and Electronic Materials, 2020, 21, 191-197.	1.9	1
6	Factorial design and design of experiments for developing novel lead free solder alloy with Sn, Cu and Ni. International Journal for Simulation and Multidisciplinary Design Optimization, 2020, 11, 18.	1.1	0
7	Experimental and finite element analysis on determining the fatigue life of pb-free solder joint (Sn-0.5Cu-3Bi-1Ag) used in electronic packages under harmonic loads. International Journal of Modeling, Simulation, and Scientific Computing, 2020, 11, 2050020.	1.4	1
8	Experimental investigations on the effect of addition of Ag into ternary lead free solder alloy Sn-1Cu-1Ni. Letters on Materials, 2019, 9, 239-242.	0.7	8
9	Experimental Investigations on Impact Toughness and Shear Strength of Novel Lead Free Solder Alloy Sn-1Cu-1Ni-XAg. Powder Metallurgy Progress, 2019, 19, 90-96.	0.1	0
10	Cross-recurrence plot quantification analysis of input and output signals for the detection of chatter in turning. Nonlinear Dynamics, 2014, 76, 255-261.	5.2	29
11	Recurrence quantification analysis applied to sequential speckle images of machined surface for detection of chatter in turning. Proceedings of SPIE, 2008, , .	0.8	1