

Mohammad M Hamasha

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

426
citations

9
h-index

20
g-index

43
ext. papers

517
ext. citations

1.9
avg, IF

3.43
L-index

#	Paper	IF	Citations
37	Bending Fatigue Study of Sputtered ITO on Flexible Substrate. <i>Journal of Display Technology</i> , 2011 , 7, 593-600		151
36	A study on crack propagation and electrical resistance change of sputtered aluminum thin film on poly ethylene terephthalate substrate under stretching. <i>Thin Solid Films</i> , 2011 , 519, 7918-7924	2.2	36
35	Stability of ITO Thin Film on Flexible Substrate Under Thermal Aging and Thermal Cycling Conditions. <i>Journal of Display Technology</i> , 2012 , 8, 385-390		31
34	Durability study on sputtered indium tin oxide thin film on Poly Ethylene Terephthalate substrate. <i>Thin Solid Films</i> , 2011 , 519, 6033-6038	2.2	29
33	A State-of-the-Art Review of Fatigue Life Prediction Models for Solder Joint. <i>Journal of Electronic Packaging, Transactions of the ASME</i> , 2019 , 141,	2	24
32	Behavior of Sputtered Indium Tin Oxide Thin Film on Poly-Ethylene Terephthalate Substrate Under Stretching. <i>Journal of Display Technology</i> , 2011 , 7, 426-433		23
31	. <i>IEEE Transactions on Device and Materials Reliability</i> , 2013 , 13, 236-244	1.6	17
30	. <i>IEEE Transactions on Device and Materials Reliability</i> , 2012 , 12, 347-356	1.6	15
29	Reliability of sputter deposited aluminum-doped zinc oxide under harsh environmental conditions. <i>Solar Energy</i> , 2013 , 89, 54-61	6.8	10
28	Multimachine Flexible Manufacturing Cell Analysis Using a Markov Chain-Based Approach. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2015 , 5, 439-446	1.7	9
27	Reliability of Sputtered Aluminum Thin Film on Flexible Substrate Under High Cyclic Bending Fatigue Conditions. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2012 , 2, 2007-2016	1.7	9
26	Reliability of thin films: Experimental study on mechanical and thermal behavior of indium tin oxide and poly(3,4-ethylenedioxythiophene). <i>Microelectronics Reliability</i> , 2015 , 55, 538-546	1.2	8
25	. <i>Journal of Display Technology</i> , 2012 , 8, 377-384		7
24	Identifying Patterns of Turnover Intention Among Alabama Frontline Nurses in Hospital Settings During the COVID-19 Pandemic. <i>Journal of Multidisciplinary Healthcare</i> , 2021 , 14, 1783-1794	2.8	7
23	An approach for rush order acceptance decisions using simulation and multi-attribute utility theory. <i>European Journal of Industrial Engineering</i> , 2017 , 11, 613	1.1	6
22	Practitioner advice: Approximation of the cumulative density of left-sided truncated normal distribution using logistic function and its implementation in Microsoft Excel. <i>Quality Engineering</i> , 2017 , 29, 322-328	1.4	5
21	Effect of Copper and Silicon Carbide Content on the Corrosion Resistance of Al-Mg Alloys in Acidic and Alkaline Solutions. <i>Journal of Minerals and Materials Characterization and Engineering</i> , 2012 , 11, 335-352	0.4	5

20	. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2020 , 10, 1259-1265	1.7	4
19	Aluminum induced crystallization of amorphous silicon thin films with assistance of electric field for solar photovoltaic applications. <i>Solar Energy</i> , 2016 , 127, 223-231	6.8	3
18	Aluminum-Induced Crystallization of Hydrogenated Amorphous Silicon Thin Films With Assistance of Electric Field for Solar Photovoltaic Applications. <i>Journal of Display Technology</i> , 2016 , 12, 82-88		3
17	Comparisons of the Mechanical Behaviors of Poly (3, 4-ethylenedioxythiophene) (PEDOT) and ITO on Flexible Substrates. <i>Materials Research Society Symposia Proceedings</i> , 2013 , 1493, 127-132		3
16	Optimisation of single-queue service delivery systems using a Markovian approach. <i>International Journal of Industrial and Systems Engineering</i> , 2013 , 13, 424	0.4	3
15	Effect of lamination on the bending fatigue life of copper coated PET substrate 2011 ,		3
14	Fatigue Properties and Microstructure of SnAgCu Bi-Based Solder Joint. <i>Journal of Electronic Packaging, Transactions of the ASME</i> , 2021 , 143,	2	3
13	The Effect of Time, Percent of Copper and Nickel on Naturally Aged Al-Cu-Ni Cast Alloys. <i>Journal of Minerals and Materials Characterization and Engineering</i> , 2012 , 11, 117-131	0.4	3
12	Determining optimal policy for emergency department using Markov decision process. <i>World Journal of Engineering</i> , 2017 , 14, 467-472	1.8	2
11	. <i>IEEE Transactions on Device and Materials Reliability</i> , 2015 , 15, 174-180	1.6	1
10	The Effect of Time, Percent of Copper and Nickel on the Natural Precipitation Hardness of Al [Cu] Ni Powder Metallurgy Alloys Using Design of Experiments. <i>Journal of Minerals and Materials Characterization and Engineering</i> , 2011 , 10, 479-492	0.4	1
9	Natural logarithm transformation for predicting procurement time of PPP projects in Nigeria. <i>Cogent Engineering</i> , 2019 , 6, 1571147	1.5	1
8	Generate random variates using a newly introduced approximation to cumulative density of lower truncated normal distribution for simulation applications. <i>International Journal of Mathematics in Operational Research</i> , 2018 , 13, 365	0.8	1
7	A MATHEMATICAL APPROXIMATION TO LEFT-SIDED TRUNCATED NORMAL DISTRIBUTION BASED ON HARTB MODEL. <i>Journal of Applied Engineering Science</i> , 1-7	1.2	1
6	Ultra-fine transformation of data for normality. <i>Heliyon</i> , 2022 , 8, e09370	3.6	1
5	Standard tables of truncated standard normal distribution using a new summarizing method. <i>World Journal of Engineering</i> , 2018 , 15, 216-247	1.8	
4	Markovian analysis of unreliable multi-machine flexible manufacturing cell.. <i>PLoS ONE</i> , 2022 , 17, e0259247		3.7
3	Analysis of Service Delivery System Using Markov Chain Approach and M/G/1 Queuing Systems. <i>Asian Journal of Industrial Engineering</i> , 2015 , 8, 1-9	0	

- 2 Heat treatment and quenching effects on wear of electroless nickel phosphorous plating. *Cogent Engineering*, **2021**, 8, 1959009 1.5
- 1 A prediction-optimization approach to surgery prioritization in operating room scheduling. *Journal of Industrial and Production Engineering*,1-15 1