

Santosh V Angadi

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

348
citations

1307594

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1588992

8
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14
all docs

14
docs citations

14
times ranked

197
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface separation and contact resistance considering sinusoidal elastic-plastic multi-scale rough surface contact. <i>Wear</i> , 2010, 268, 190-201.	3.1	89
2	Reliability and life study of hydraulic solenoid valve. Part 1: A multi-physics finite element model. <i>Engineering Failure Analysis</i> , 2009, 16, 874-887.	4.0	64
3	Reliability and life study of hydraulic solenoid valve. Part 2: Experimental study. <i>Engineering Failure Analysis</i> , 2009, 16, 944-963.	4.0	61
4	A Multiphysics Finite Element Model of a 35A Automotive Connector Including Multiscale Rough Surface Contact. <i>Journal of Electronic Packaging, Transactions of the ASME</i> , 2012, 134, .	1.8	29
5	A Multi-Physics Finite Element Model of an Electrical Connector Considering Rough Surface Contact. , 2008, , .		23
6	A Simplified Model of Multiscale Electrical Contact Resistance and Comparison to Existing Closed Form Models. , 2009, , .		16
7	A Comprehensive Review of the Finite Element Modeling of Electrical Connectors Including Their Contacts. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2020, 10, 836-844.	2.5	15
8	Electrical Contact Resistance Considering Multi-Scale Roughness. , 2008, , .		12
9	Modelling of Lubricated Electrical Contacts. <i>Lubricants</i> , 2022, 10, 32.	2.9	11
10	The Effect of Initial Connector Insertions on Electrical Contact Resistance. , 2007, , .		10
11	Experimental Investigations on Static, Dynamic, and Morphological Characteristics of Bamboo Fiber-Reinforced Polyester Composites. <i>International Journal of Polymer Science</i> , 2022, 2022, 1-11.	2.7	10
12	A Multi-Physics Finite Element Model of a 35A Automotive Connector Including Multiscale Rough Surface Contact. , 2010, , .		7
13	Investigations on microstructure and tensile properties of as-cast ZA-27 metal matrix composite reinforced with zircon sand. <i>Materials Today: Proceedings</i> , 2021, 46, 7618-7623.	1.8	1
14	Surface Separation and Contact Resistance Considering Elasto-Plastic Multi-Scale Rough Surface Contact. , 2007, , .		0