

Jayadas N H

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

173
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

197
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and Molecular Level Analysis of the Tribological and Oxidative Properties of Chaulmoogra Oil. <i>Advances in Tribology</i> , 2020, 2020, 1-14.	2.1	2
2	FEM-Based Virtual Prototyping and Design of Third Harmonic Excitation System for Low-Voltage Salient-Pole Synchronous Generators. <i>IEEE Transactions on Industry Applications</i> , 2014, 50, 1829-1834.	4.9	15
3	Natural Oil-Based Lubricants. <i>Green Energy and Technology</i> , 2012, , 287-328.	0.6	23
4	Service Reliability Analysis Using Competing Risk Models. , 2011, , .		2
5	Investigations into the molecular-level adhesion characteristics of hydroxyapatite-coated and anodized titanium surfaces using the molecular orbital approach. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2011, 225, 246-54.	1.8	0
6	Analysis of the pour point of coconut oil as a lubricant base stock using differential scanning calorimetry. <i>Lubrication Science</i> , 2009, 21, 13-26.	2.1	46
7	Polycrystalline coating of hydroxyapatite on TiAl6V4 implant material grown at lower substrate temperatures by hydrothermal annealing after pulsed laser deposition. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2009, 223, 1049-1057.	1.8	17
8	Evaluation of the oxidative properties of vegetable oils as base stocks for industrial lubricants using spectroscopic and thermogravimetric analyses. <i>Journal of Synthetic Lubrication: Research, Development and Application of Synthetic Lubricants and Functional Fluids</i> , 2008, 25, 105-113.	0.7	25
9	Elucidation of the Corrosion Mechanism of Vegetable-Oil-Based Lubricants. <i>Journal of Tribology</i> , 2007, 129, 419-423.	1.9	15
10	Study of the Anti-Wear Properties of Coconut Oil Using Quantum Chemical Calculations and Tribological Tests. <i>Journal of Tribology</i> , 2006, 128, 654-659.	1.9	28