Jayadas N H

List of Publications by Year
in descending order

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