

Syahrullail Samion

List of Publications by Year in descending order

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papers

534
citations

759233

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docs citations

23
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601
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of copper oxide/distilled water nanofluid in evacuated tube solar collector (ETSC) water heater with internal coil under thermosyphon system circulations. Applied Thermal Engineering, 2017, 121, 520-536.	6.0	98
2	Dispersion Stability and Lubrication Mechanism of Nanolubricants: A Review. International Journal of Precision Engineering and Manufacturing - Green Technology, 2019, 6, 393-414.	4.9	67
3	A review on the use of carbon nanotubes nanofluid for energy harvesting system. International Journal of Heat and Mass Transfer, 2017, 111, 782-794.	4.8	63
4	Recent progress on concentrating direct absorption solar collector using nanofluids. Journal of Thermal Analysis and Calorimetry, 2019, 137, 903-922.	3.6	46
5	Tribological Effects of Vegetable Oil as Alternative Lubricant: A Pin-on-Disk Tribometer and Wear Study. Tribology Transactions, 2016, 59, 831-837.	2.0	37
6	Latest development on computational approaches for nanofluid flow modeling: Navier–Stokes based multiphase models. International Communications in Heat and Mass Transfer, 2016, 74, 114-124.	5.6	36
7	Tribological Investigation of Graphene as Lubricant Additive in Vegetable Oil. Journal of Physical Science, 2017, 28, 257-267.	0.9	30
8	Effect of Addition of Tertiary-Butyl Hydroquinone into Palm Oil to Reduce Wear and Friction Using Four-Ball Tribotester. Tribology Transactions, 2016, 59, 883-888.	2.0	28
9	Investigation of tribological properties of CuO/palm oil nanolubricant using pin-on-disc tribotester. Green Materials, 2018, 6, 30-37.	2.1	26
10	Tribological performance of modified jatropha oil containing oil-miscible ionic liquid for machining applications. Journal of Mechanical Science and Technology, 2017, 31, 5675-5685.	1.5	19
11	The anti-wear and extreme pressure performance of CuO and graphite nanoparticles as an additive in palm oil. International Journal of Structural Integrity, 2019, 10, 714-725.	3.3	16
12	DIFFERENTIAL EVOLUTION FOR OPTIMIZATION OF PID GAIN IN ELECTRICAL DISCHARGE MACHINING CONTROL SYSTEM. Transactions of the Canadian Society for Mechanical Engineering, 2013, 37, 293-301.	0.8	12
13	The significant effect of turbulence characteristics on heat transfer enhancement using nanofluids: A comprehensive review. International Communications in Heat and Mass Transfer, 2016, 72, 39-47.	5.6	12
14	The Use of Palm Oil as New Alternative Biolubricant for Improving Anti-Friction and Anti-Wear Properties. Materials Today: Proceedings, 2019, 19, 1126-1135.	1.8	11
15	Performance of polymeric viscosity improver as bio-lubricant additives. International Journal of Structural Integrity, 2019, 10, 634-643.	3.3	9
16	Effects of different water percentages in non-surfactant water-in-diesel emulsion fuel on the performance and exhaust emissions of a small-scale industrial burner. Clean Technologies and Environmental Policy, 2021, 23, 2385-2397.	4.1	5
17	Improvement of the Lubrication Performance of RBD Palm Stearin as an Alternative Lubricant under Different Sliding Speeds. Strojnicki Vestnik/Journal of Mechanical Engineering, 2017, 63, 15-24.	1.1	5
18	Friction condition of aluminum alloy AA6061 lubricated with bio-lubricant in cold forging test. Industrial Lubrication and Tribology, 2022, 74, 378-384.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Tribological Testing of Hemispherical Titanium Pin Lubricated by Novel Palm Oil: Evaluating Anti-Wear and Anti-Friction Properties. Chinese Journal of Mechanical Engineering (English Edition), 2017, 30, 644-651.	3.7	4
20	Machining Pits on the Curvature Surface Cup Using Spark Process. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.4	4
21	Facile approaches to designing pits on acetabular cups using copper electrodes in die sinking electrical discharge machining. Materials Today: Proceedings, 2018, 5, 22154-22161.	1.8	1
22	A New Tribological Approach for Lubricated Sliding Contact of Pitted Metallic Curvature Cup. Tribology Transactions, 2016, 59, 876-882.	2.0	0