

Suwen Chen

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

139
citations

1478505

6
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

146
citing authors

#	ARTICLE	IF	CITATIONS
1	Tribological properties of hybrid PTFE/Kevlar fabric composite in vacuum. Tribology International, 2016, 103, 423-431.	5.9	45
2	Liquid phase exfoliation of bismuth nanosheets for flexible all-solid-state supercapacitors with high energy density. Journal of Materials Chemistry C, 2020, 8, 12314-12322.	5.5	19
3	Significant Reduction of the Friction and Wear of PMMA Based Composite by Filling with PTFE. Polymers, 2018, 10, 966.	4.5	18
4	Reciprocating sliding wear of hybrid PTFE/Kevlar fabric composites along different orientations. RSC Advances, 2018, 8, 20877-20883.	3.6	12
5	Optimization of PTFE/Cu/Al ₂ O ₃ filled PMMA based composites on tribological properties using Taguchi design method. Journal of Applied Polymer Science, 2018, 135, 46705.	2.6	12
6	Slab analysis of large cylindrical shell rolling considering mixed friction. Journal of Mechanical Science and Technology, 2014, 28, 4753-4760.	1.5	11
7	A Wear Geometry Model of Plain Woven Fabric Composites. Autex Research Journal, 2014, 14, 168-173.	1.1	6
8	Tribological Performance of Si ₃ N ₄ -PTFE Composites Prepared by High-Pressure Compression Molding. Tribology Transactions, 2020, 63, 756-769.	2.0	6
9	Heat treatment to improve the wear resistance of PTFE/PMMA composites. RSC Advances, 2019, 9, 22289-22294.	3.6	5
10	A fast calculation method of large-cylinder asymmetrical rolling force considering shear effect. Advances in Mechanical Engineering, 2019, 11, 168781401881952.	1.6	2
11	Multistage textured superhydrophobic polytetrafluoroethylene surface prepared by fabric embossing and thermal annealing. Materials Letters, 2020, 268, 127556.	2.6	1
12	Tribological performances of micro/nano-Si ₃ N ₄ -PTFE-EP composites prepared by high-pressure compression molding. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2021, 235, 991-1003.	1.1	1
13	Improved Tribological Properties of Poly(methyl methacrylate) Based Composites by the Synergistic Effect of Incorporating Ultra-High Molecular Weight Polyethylene and Heat Treatment. Journal of Materials Engineering and Performance, 0, , 1.	2.5	1
14	Textured surfaces preparation and tribological properties of PTFE/PMMA and PEEK/PMMA composites with steel spheres embedded on their surfaces. Tribology Transactions, 0, , 1-12.	2.0	0