Shuai Yan

List of Publications by Year
in descending order

12	142	1163117 8	1372567 10
papers	citations	h-index	g-index

12	12	12	151
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of the tribological properties of two PEEKs sliding against Al₂O₃, WC and DLC coatings under dry friction and water lubrication. Surface Topography: Metrology and Properties, 2021, 9, 045027.	1.6	0
2	Study on Lubrication and Friction Reduction Properties of ZIF-8 Nanoparticles as Si3N4 Ceramic Water Lubrication Additives. Frontiers in Chemistry, 2021, 9, 802375.	3.6	8
3	Effect of micrometer sized ceramic particles on the tribological properties of Polytetrafluoroethylene based composites. Surface Topography: Metrology and Properties, 2020, 8, 035005.	1.6	10
4	Friction and wear resistance of polytetrafluoroethylene-based composites reinforced with ceramic particles under aqueous environment. Surface Topography: Metrology and Properties, 2020, 8, 015006.	1.6	10
5	Dependency of the structure of a water layer sandwiched by silicon carbide on shear speed and temperature. Journal of Physics Condensed Matter, 2020, 33, 095001.	1.8	4
6	Hydrogen ion induced ultralow wear of PEEK under extreme load. Applied Physics Letters, 2018, 112, .	3.3	9
7	Chatter prediction for milling of flexible pocket-structure. International Journal of Advanced Manufacturing Technology, 2017, 89, 2721-2730.	3.0	13
8	Aqueous lubrication and surface microstructures of engineering polymer materials (PEEK and PI) when sliding against Si3N4. Friction, 2017, 5, 414-428.	6.4	32
9	Application of mirror-milling machining system to suppress vibration in thin plate work-piece. , 2016, , .		1
10	Numerical simulation and experimental validation of fixed abrasive grinding pad topography. International Journal of Advanced Manufacturing Technology, 2016, 83, 1253-1264.	3.0	11
11	Effects of nonlinear damping suspension on nonperiodic motions of a flexible rotor in journal bearings. Nonlinear Dynamics, 2014, 78, 1435-1450.	5.2	23
12	Friction and wear of self-mated SiC and Si3N4 in green water-based lubricant. International Journal of Precision Engineering and Manufacturing, 2012, 13, 1067-1072.	2.2	21