Liangcai Zeng

List of Publications by Year
in descending order

23 papers	253 citations	1163117 8 h-index	940533 16 g-index
23 all docs	23 docs citations	23 times ranked	201 citing authors

#	Article	IF	Citations
1	Learning for a Robot: Deep Reinforcement Learning, Imitation Learning, Transfer Learning. Sensors, 2021, 21, 1278.	3.8	97
2	Blue and green double band luminescent carbon quantum dots: Synthesis, origin of photoluminescence, and application in white light-emitting devices. Applied Physics Letters, 2021, 118, .	3.3	35
3	Simulation and Validation of Droplet Generation Process for Revealing Three Design Constraints in Electrohydrodynamic Jet Printing. Micromachines, 2019, 10, 94.	2.9	30
4	Hand–Eye Calibration Algorithm Based on an Optimized Neural Network. Actuators, 2021, 10, 85.	2.3	12
5	Elastohydrodynamic lubrication in point contact on the surfaces of particle-reinforced composite. AIP Advances, 2018, 8, 045213.	1.3	9
6	Friction performance and optimisation of diamond–like texture on hydraulic cylinder surface. Micro and Nano Letters, 2018, 13, 1001-1006.	1.3	9
7	Experiments on Laminar Flow between Parallel Plates with a Heterogeneous Slip/No-Slip Surface. Tribology Transactions, 2019, 62, 801-811.	2.0	9
8	Plane-constraint-based calibration method for a galvanometric laser scanner. Advances in Mechanical Engineering, 2018, 10, 168781401877367.	1.6	8
9	Atomic Structure and Energy Distribution of Collapsed Carbon Nanotubes of Different Chiralities. Journal of Nanomaterials, 2015, 2015, 1-5.	2.7	7
10	Experimental investigation of disc partial surface texture on the generation of hydrodynamic lubricating performance under conformal contact condition. AIP Advances, 2018, 8, 125205.	1.3	5
11	Effects of texture geometry on the tribological performance of brass with a TiN coating under lubricated rotation. AIP Advances, 2019, 9, .	1.3	5
12	Eccentric correction of piston based on bionic micro–texture technology for the gap seal hydraulic cylinder. Micro and Nano Letters, 2019, 14, 33-37.	1.3	5
13	Research on the omni-directional mobile manipulator motion planning based on improved genetic algorithm. , 2009, , .		4
14	On the plastic zone sizes of cracks interacting with multiple inhomogeneous inclusions in an infinite space. Acta Mechanica, 2018, 229, 497-514.	2.1	4
15	Robust Alignment of Multi-Exposed Images With Saturated Regions. IEEE Access, 2020, 8, 221689-221699.	4.2	4
16	Illumination-Invariant Feature Point Detection Based on Neighborhood Information. Sensors, 2020, 20, 6630.	3.8	2
17	Analysis of Line Contact Elastohydrodynamic Lubrication with the Particles under Rough Contact Surface. Advances in Materials Science and Engineering, 2020, 2020, 1-12.	1.8	2
18	Illumination-robust feature detection based on adaptive threshold function. Computing (Vienna/New) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.8	2

#	Article	IF	Citations
19	Effects of distribution density and location of subsurface particles on elastohydrodynamic lubrication. AIP Advances, 2020, 10, 055217.	1.3	1
20	An Improved Estimation Algorithm of Space Targets Pose Based on Multi-Modal Feature Fusion. Mathematics, 2021, 9, 2085.	2.2	1
21	Effects of Heterogeneous Particle Parameters on Micro-EHL Lubrication on Composite Surface in Line Contact. International Journal of Precision Engineering and Manufacturing, 2021, 22, 1989-1999.	2.2	1
22	Numerical Analysis on the Spatiotemporal Characteristics of the Portevinâ€"Le Chatelier Effect in Ti-12Mo Alloy. Metals and Materials International, 0, , .	3.4	1
23	An analytical model of electric field distribution for single nozzle/plane in electrohydrodynamic jet printing. AIP Conference Proceedings, 2019, , .	0.4	0