

# Deng Pan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/389039/publications.pdf>

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12  
papers

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1684188  
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12  
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docs citations

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times ranked

79  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of PTFE Tribological Properties Using Molecular Dynamics Simulation. Tribology Letters, 2019, 67, 1.	2.6	31
2	Tribological Performance of Si <sub>3</sub> N <sub>4</sub> -PTFE Composites Prepared by High-Pressure Compression Molding. Tribology Transactions, 2020, 63, 756-769.	2.0	6
3	Effect of Temperature on Fe-Polytetrafluoroethylene Friction Coefficient Using Molecular Dynamics Simulation. Tribology Transactions, 2022, 65, 705-715.	2.0	6
4	Investigation of lubricant depletion under a continuous heat source using molecular dynamics simulation. Microsystem Technologies, 2018, 24, 4659-4667.	2.0	5
5	Heat treatment to improve the wear resistance of PTFE/PMMA composites. RSC Advances, 2019, 9, 22289-22294.	3.6	5
6	Investigation of lubricant transfer and distribution at head/disk interface in air-helium gas mixtures. Friction, 2019, 7, 564-571.	6.4	4
7	Effect of Air Bearing Pressure and Slider/Disk Contact on Lubricant Depletion Using Molecular Dynamics Simulation. IEEE Transactions on Magnetics, 2020, 56, 1-4.	2.1	3
8	Nonlinear Resonance Responses of Electromechanical Integrated Magnetic Gear System. Shock and Vibration, 2018, 2018, 1-16.	0.6	2
9	Remaining Useful Life Prediction of High-Frequency Swing Self-Lubricating Liner. Shock and Vibration, 2021, 2021, 1-12.	0.6	2
10	Magnetic gear with intersecting axes and straight stationary pole-pieces. Advances in Mechanical Engineering, 2018, 10, 168781401880886.	1.6	1
11	Tribological performances of micro/nano-Si <sub>3</sub> N <sub>4</sub> -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
12	Study on Lubricant Transfer and Lubricant Distribution at Slider/Disk Contact Using Molecular Dynamics Simulation. , 2018, , .		0