

# Yanjuan Zhang

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Experimental Validation and Numerical Simulation of Static Pressure in Multi-Stage Ferrofluid Seals. IEEE Transactions on Magnetics, 2019, 55, 1-8.	2.1	670
2	The Influence of the Temperature Rise on the Sealing Performance of the Rotating Magnetic Fluid Seal. IEEE Transactions on Magnetics, 2020, 56, 1-10.	2.1	27
3	Numerical Analysis on Boundary and Flow Regime of Magnetic Fluid in the Sealing Clearance With a Rotation Shaft. IEEE Transactions on Magnetics, 2019, 55, 1-7.	2.1	22
4	A Comparative Study of Ferrofluid Seal and Magnetorheological Fluid Seal. IEEE Transactions on Magnetics, 2018, 54, 1-7.	2.1	21
5	Simulation and Experimental Study on Pressure Transfer Mechanism in Multitooth Magnetic Fluid Seals. Tribology Transactions, 2021, 64, 31-41.	2.0	19
6	The Pressure Loading Process among Stages of Magnetic Fluid Seal in Aqueous Environment. Tribology Transactions, 2019, 62, 650-657.	2.0	18
7	Numerical Analysis and Experimental Study on Magnetic Fluid Reciprocating Seals. IEEE Transactions on Magnetics, 2019, 55, 1-6.	2.1	17
8	The study of magnetorheological fluids sedimentation behaviors based on volume fraction of magnetic particles and the mass fraction of surfactants. Materials Research Express, 2019, 6, 126127.	1.6	11
9	Influence of the Carrier Fluid Viscosity on the Rotational and Oscillatory Rheological Properties of Ferrofluids. Journal of Nanoscience and Nanotechnology, 2019, 19, 5572-5581.	0.9	10