Jiabao Pan

List of Publications by Year
in descending order

14 papers	81 citations	1684188 5 h-index	1588992 8 g-index
14 all docs	14 docs citations	14 times ranked	38 citing authors

#	Article	IF	Citations
1	Analysis on the formation cause for the high-order wheel polygonization of the high-speed trains based on the finite element method. Vehicle System Dynamics, 2023, 61, 1-18.	3.7	11
2	Thermorheological properties of magnetorheological grease and its thermomagnetic coupling mechanism. Journal of Intelligent Material Systems and Structures, 2022, 33, 432-444.	2.5	7
3	Study on the effect of the fastener support structure on rail corrugation in metros based on the friction-induce vibration. JVC/Journal of Vibration and Control, 2022, 28, 3705-3718.	2.6	4
4	Relationship between flow field characteristics and dust collection efficiency of sweeper suction port. Journal of Engineering, 2022, 2022, 389-400.	1.1	5
5	Structural design and magnetic field analysis on magnetic fluid lubricated bearings. Journal of Engineering, 2022, 2022, 644-655.	1.1	1
6	Pure Electric Sweeper Performance Analysis and Test Verification of Dust Extraction Port. Applied Sciences (Switzerland), 2022, 12, 5188.	2.5	3
7	Structural Design and Lubrication Properties under Different Eccentricity of Magnetic Fluid Bearings. Applied Sciences (Switzerland), 2022, 12, 7051.	2.5	2
8	Prediction and Analysis of the Grit Blasting Process on the Corrosion Resistance of Thermal Spray Coatings Using a Hybrid Artificial Neural Network. Coatings, 2021, 11, 1274.	2.6	6
9	Prediction and analysis of thermal aging behavior of magnetorheological grease. Materials Research Express, 2021, 8, 125701.	1.6	1
10	Effect of thermorheological properties on tribological behaviors of lubricating grease. Materials Research Express, 2020, 7, 035509.	1.6	5
11	Structural Degradation of a Lithium Lubricating Grease after Thermal Ageing. Journal of Chemical Engineering of Japan, 2016, 49, 579-587.	0.6	6
12	Effect of Temperature on Grease Flow Properties in Pipes. Tribology Transactions, 2016, 59, 569-578.	2.0	7
13	Effect of Thermorheological Properties on Shear Flow of Grease in Pipes. Journal of Chemical Engineering of Japan, 2016, 49, 815-823.	0.6	6
14	Effect of heat treatment on the lubricating properties of lithium lubricating grease. RSC Advances, 2015, 5, 58686-58693.	3.6	17