

# Rou-Gang Zhou

## List of Publications by Year in descending order

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19  
papers

110  
citations

1478505

6  
h-index

1372567

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g-index

19  
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docs citations

19  
times ranked

73  
citing authors

#	ARTICLE	IF	CITATIONS
1	MEMS Dynamic Characteristics Analysis of Electrostatic Microbeams for Building Structure Monitoring. <i>Advances in Civil Engineering</i> , 2022, 2022, 1-8.	0.7	1
2	Gradient Printing Alginate Herero Gel Microspheres for Three-Dimensional Cell Culture. <i>Materials</i> , 2022, 15, 2305.	2.9	2
3	Personalized Artificial Tibia Bone Structure Design and Processing Based on Laser Powder Bed Fusion. <i>Machines</i> , 2022, 10, 205.	2.2	1
4	Active Disturbance Rejection Control in Magnetic Bearing Rotor Systems with Redundant Structures. <i>Sensors</i> , 2022, 22, 3012.	3.8	4
5	Suppression of Harmonic Current in Magnetic Bearing Rotor System with Redundant Structure. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4126.	2.5	0
6	Research on four-wheel independent steering intelligent control strategy based on minimum load. <i>Concurrency Computation Practice and Experience</i> , 2021, 33, e6145.	2.2	2
7	Design and Implementation of a Fault-Tolerant Magnetic Bearing Control System Combined With a Novel Fault-Diagnosis of Actuators. <i>IEEE Access</i> , 2021, 9, 2454-2465.	4.2	11
8	Fault-Tolerant Control of Magnetically-Levitated Rotor with Redundant Structures Based on Improved Generalized Linearized EMFs Model. <i>Sensors</i> , 2021, 21, 5404.	3.8	3
9	Strategies for multivariate analyses of imaging genetics study in Alzheimer's disease. <i>Neuroscience Letters</i> , 2021, 762, 136147.	2.1	4
10	An online fault-diagnosis of electromagnetic actuator based on variation characteristics of load current. <i>Automatika</i> , 2020, 61, 11-20.	2.0	4
11	A novel cardiac SPECT system and imaging method. <i>Imaging Science Journal</i> , 2020, 68, 201-213.	0.5	0
12	Optimization of bias current coefficient in the fault-tolerance of active magnetic bearings based on the redundant structure parameters. <i>Automatika</i> , 2020, 61, 602-613.	2.0	6
13	State-feedback decoupling control of 5-DOF magnetic bearings based on $\hat{\pm}$ -order inverse system. <i>Mechatronics</i> , 2020, 68, 102358.	3.3	12
14	Alzheimer's disease, mild cognitive impairment, and normal aging distinguished by multi-modal parcellation and machine learning. <i>Scientific Reports</i> , 2020, 10, 5475.	3.3	21
15	Active Disturbance Rejection Control of Multi-Joint Industrial Robots Based on Dynamic Feedforward. <i>Electronics (Switzerland)</i> , 2019, 8, 591.	3.1	11
16	A New Trajectory Optimizing Method Using Input Shaping Principles. <i>Shock and Vibration</i> , 2018, 2018, 1-11.	0.6	6
17	Dynamical decoupling and feed-forward control for magnetically levitated planar actuators. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2017, 54, 57-76.	0.6	6
18	Analysis of output precision characteristics of digital switching power amplifier in the active magnetic bearings system. <i>Automatika</i> , 2017, 58, 205-215.	2.0	10

#	ARTICLE	IF	CITATIONS
19	Measurement of initial phase for movers in magnetically levitated planar actuators. International Journal of Applied Electromagnetics and Mechanics, 2015, 49, 91-104.	0.6	6