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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Simulated Shock Train Control using an All-Coefficient Adaptive Control Approach. , 2019, , .		2
2	On robustness of an AMB suspended energy storage flywheel platform under characteristic model based all-coefficient adaptive control laws. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2019, 20, 120-130.	2.6	8
3	Characteristic model based all-coefficient adaptive control of an AMB suspended energy storage flywheel test rig. <i>Science China Information Sciences</i> , 2018, 61, 1.	4.3	8
4	An output regulation approach to rotor autobalancing in active magnetic bearing systems with input delay. , 2016, , .		2
5	Unbalance compensation for AMB systems with input delay: An output regulation approach. <i>Control Engineering Practice</i> , 2016, 46, 166-175.	5.5	18
6	Active magnetic bearings used as exciters for rolling element bearing outer race defect diagnosis. <i>ISA Transactions</i> , 2016, 61, 221-228.	5.7	11
7	A platform for analysis and control design: Emulation of energy storage flywheels on a rotor-AMB test rig. <i>Mechatronics</i> , 2016, 33, 146-160.	3.3	15
8	Truncated Predictor Feedback Control for Active Magnetic Bearing Systems With Input Delay. <i>IEEE Transactions on Control Systems Technology</i> , 2016, 24, 2182-2189.	5.2	6
9	A rotor unbalance response based approach to the identification of the closed-loop stiffness and damping coefficients of active magnetic bearings. <i>Mechanical Systems and Signal Processing</i> , 2016, 66-67, 665-678.	8.0	38
10	Active Magnetic Bearing Rotor Model Updating Using Resonance and MAC Error. <i>Shock and Vibration</i> , 2015, 2015, 1-9.	0.6	4
11	Control of active magnetic bearing systems with input delay for applications in remotely controlled turbomachinery. , 2014, , .		2
12	Control of a flexible rotor active magnetic bearing test rig: a characteristic model based all-coefficient adaptive control approach. <i>Control Theory and Technology</i> , 2014, 12, 1-12.	1.6	39
13	Pitch Loop Control of a VTOL UAV Using Fractional Order Controller. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2014, 73, 187-195.	3.4	33
14	Fractional order controller for pitch loop control of a VTOL UAV. , 2013, , .		6
15	Low-cost Multi-UAV Technologies for Contour Mapping of Nuclear Radiation Field. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2013, 70, 401-410.	3.4	140
16	A Data Fusion System for Attitude Estimation of Low-cost Miniature UAVs. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2012, 65, 621-635.	3.4	28
17	Autonomous Flying Under 500 USD Based on RC Aircraft. , 2011, , .		5
18	Improved Architecture Designs for a Low Cost Personal Remote Sensing Platform: Flight Control and Safety. , 2011, , .		7

#	ARTICLE	IF	CITATIONS
19	Visual Attitude Estimation for Low-Cost Personal Remote Sensing Systems. , 2011, , .		2
20	Cognitive Multi-UAV Formation Flight: Principle, Low-Cost UAV Testbed, Controller Tuning and Experiments. , 2011, , .		12
21	Roll-channel fractional order controller design for a small fixed-wing unmanned aerial vehicle. Control Engineering Practice, 2010, 18, 761-772.	5.5	82
22	A two-stage calibration method for low-cost UAV attitude estimation using infrared sensor. , 2010, , .		10
23	A comparative evaluation of low-cost IMUs for unmanned autonomous systems. , 2010, , .		41