

Zamberi Jamaludin

List of Publications by Year in descending order

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times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation on Disturbance Force Compensation via State Observer Design and Cascade P/PI Controller Approach. Lecture Notes in Mechanical Engineering, 2022, , 158-170.	0.4	1
2	Improvement of a Proportional-Integral (PI) Controller for a Servo Pneumatic Actuator by Adapting Zero-Compensator Placement Method. , 2021, , .		0
3	Analysis of Interpreted CAD/CAM Trajectory as Alternative Input Reference for Control System. Lecture Notes in Mechanical Engineering, 2020, , 186-194.	0.4	1
4	Force compensation for precise positioning in machine tools via state observer design. International Journal of Advanced Manufacturing Technology, 2020, 107, 411-423.	3.0	2
5	Intelligent Control of CNC System Based on IEC 61499 Function Block Technology. Lecture Notes in Mechanical Engineering, 2020, , 176-185.	0.4	2
6	Design of Sliding Mode Controller Using Smoothing Method for Chattering Suppression in Machine Tools. Lecture Notes in Mechanical Engineering, 2020, , 102-111.	0.4	3
7	Design and Analyses of Semi-automated Portable Oil Spill Skimmer for Water Treatment Application. Lecture Notes in Mechanical Engineering, 2020, , 372-384.	0.4	0
8	Effect of Cutting Forces on Surface Roughness for Varying Depth of Cut and Feed Rates in Milling Machining Process. Lecture Notes in Mechanical Engineering, 2020, , 195-203.	0.4	2
9	Prediction of Surface Roughness for Development of Smart Milling Machine. Journal of Physics: Conference Series, 2019, 1201, 012008.	0.4	0
10	Design and Implementation of Cascade NP/PI Controller for Feed Table Ball Screw Driven Milling Machine. Lecture Notes in Mechanical Engineering, 2018, , 85-91.	0.4	0
11	An Enhancement in Control Laws of Super Twisting Sliding Mode Servo Drive Controller Using Hyperbolic Tangent Function and Arc Tangent Smoothing Function. Lecture Notes in Mechanical Engineering, 2018, , 695-703.	0.4	1
12	Development Tools of an Adaptive Controller. Lecture Notes in Mechanical Engineering, 2018, , 41-51.	0.4	0
13	System Interface Design for CAD/CAM-Simulink Data Exchange System Using MATLAB®. Lecture Notes in Mechanical Engineering, 2018, , 639-647.	0.4	3
14	Parameter Properties of a Sliding Mode Controller Design in Friction Compensation. Lecture Notes in Mechanical Engineering, 2018, , 631-638.	0.4	0
15	Optimization of Super Twisting Sliding Mode Control Gains using Taguchi Method. Industrial Engineering and Management Systems, 2018, 17, 62-71.	0.4	1
16	Design of super twisting algorithm for chattering suppression in machine tools. International Journal of Control, Automation and Systems, 2017, 15, 1259-1266.	2.7	18
17	Evaluation of tracking performance of NPID double hyperbolic controller design for XY table ball-screw drive system. , 2017, , .		4
18	Analytical study on different blade-shape design of HAWT for wasted kinetic energy recovery system (WKERS). IOP Conference Series: Materials Science and Engineering, 2017, 210, 012072.	0.6	0

#	ARTICLE	IF	CITATIONS
19	An overview on STEP-NC compliant controller development. IOP Conference Series: Materials Science and Engineering, 2017, 257, 012048.	0.6	6
20	Tracking performance of NPID controller for cutting force disturbance of ball screw drive. Journal of Mechanical Engineering and Sciences, 2017, 11, 3227-3239.	0.6	3
21	Second order sliding mode control for direct drive positioning system. Journal of Mechanical Engineering and Sciences, 2017, 11, 3206-3216.	0.6	5
22	DESIGN AND ANALYSIS OF SUPER TWISTING SLIDING MODE CONTROL FOR MACHINE TOOLS. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	2
23	Investigation on Tracking Performance of Adaptive Friction Compensation Using Cascade P/PI Controller at Low Velocity. , 2016, , .		4
24	Design of super twisting sliding mode control for single axis direct drive motor. , 2016, , .		0
25	Methodology on Investigating the Influences of Automated Material Handling System in Automotive Assembly Process. IOP Conference Series: Materials Science and Engineering, 2016, 114, 012053.	0.6	0
26	Sustainable Cutting Process for Milling Operation Using Disturbance Observer. Procedia CIRP, 2016, 40, 486-491.	1.9	6
27	Tracking Error Compensation of XY Table Ball Screw Driven System Using Cascade Fuzzy P+PI. International Review of Automatic Control, 2016, 9, 324.	0.3	2
28	Assessment on Tracking Performance of Cascade P/PI, NPID and NCasFF Controller for Precise Positioning of XY Table Ballscrew Drive System. Procedia CIRP, 2015, 26, 212-216.	1.9	6
29	Contour Error Analysis of Precise Positioning for Ball Screw Driven Stage Using Friction Model Feedforward. Procedia CIRP, 2015, 26, 712-717.	1.9	15
30	An agile FCM for real-time modeling of dynamic and real-life systems. Evolving Systems, 2015, 6, 153-165.	3.9	10
31	EMG RECORDING OF WRIST GESTURES UNDER NON-IDEAL ELECTRODE PLACEMENT FOR MACHINE CONTROL IN A MANUFACTURING ENVIRONMENT. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	1
32	2302 A technical review on the three challenges in ARM-COMS. The Proceedings of Design & Systems Conference, 2014, 2014.24, _2302-1_-2302-8_.	0.0	0
33	Identification of Friction Models for Precise Positioning System in Machine Tools. Procedia Engineering, 2013, 53, 569-578.	1.2	10
34	Assessment on tracking error performance of Cascade P/PI, NPID and N-Cascade controller for precise positioning of xy table ballscrew drive system. IOP Conference Series: Materials Science and Engineering, 2013, 53, 012010.	0.6	5
35	System Identification of XY Table Ballscrew Drive Using Parametric and Non Parametric Frequency Domain Estimation Via Deterministic Approach. Procedia Engineering, 2012, 41, 567-574.	1.2	8
36	Friction Compensation of an \$XY\$ Feed Table Using Friction-Model-Based Feedforward and an Inverse-Model-Based Disturbance Observer. IEEE Transactions on Industrial Electronics, 2009, 56, 3848-3853.	7.9	164

#	ARTICLE	IF	CITATIONS
37	Design of a Disturbance Observer and Model-Based Friction Feedforward to Compensate Quadrant Glitches. , 2009, , 143-154.		4
38	Accurate motion control of xy high-speed linear drives using friction model feedforward and cutting forces estimation. CIRP Annals - Manufacturing Technology, 2008, 57, 403-406.	3.6	57
39	Quadrant glitch compensation using friction model-based feedforward and an inverse-model-based disturbance observer. , 2008, , .		43
40	Classical cascade and sliding mode control tracking performances for a xy feed table of a high-speed machine tool. International Journal of Precision Technology, 2007, 1, 65.	0.2	24
41	Extensive Tracking Performance Analysis of Classical Feedback Control for XY Stage Ballscrew Drive System. Applied Mechanics and Materials, 0, 229-231, 750-755.	0.2	8
42	Theoretical Analysis of Friction Compensation Using Sliding Mode Control. Applied Mechanics and Materials, 0, 229-231, 2385-2388.	0.2	2
43	Spectral Analysis of Cutting Forces Data for XY Table Ballscrew Drive System. Applied Mechanics and Materials, 0, 471, 241-246.	0.2	1
44	Theoretical Analysis of Close Loop Behaviour of Ideal Cascade Controller Structure for Positioning of XY Table Ballscrew Drive System. Applied Mechanics and Materials, 0, 315, 493-497.	0.2	0
45	Theoretical Analysis of Velocity and Position Loop Behaviour of Nonlinear Cascade Feedforward Controller for Positioning of XY Table Ballscrew Drive System. Advanced Materials Research, 0, 845, 831-836.	0.3	2
46	Improvement of Corrosion Detection Using Vision System for Pipeline Inspection. Applied Mechanics and Materials, 0, 761, 125-131.	0.2	7
47	Review on Cutting Force Compensation Techniques for Machine Tools Application. Applied Mechanics and Materials, 0, 761, 250-254.	0.2	0
48	Development of System Identification for Piezoelectric Patch Actuator. Applied Mechanics and Materials, 0, 761, 245-249.	0.2	2
49	Design and Analysis of Disturbance Force Observer for Machine Tools Application. Applied Mechanics and Materials, 0, 761, 148-152.	0.2	0
50	Design and Analysis of Linear Quadratic Regulator for a Non-Linear Positioning System. Applied Mechanics and Materials, 0, 761, 227-232.	0.2	3
51	Assessment of Friction Behavior with Surface Location Error Analysis in Milling Process. Key Engineering Materials, 0, 823, 129-134.	0.4	1
52	Design and Analysis of Self-tuned Nonlinear PID Controller for XY Table Ballscrew Drive System. , 0, , .		4