Her-Terng Yau

List of Publications by Year
in descending order

171	3,162	136740	189595
papers	citations	32	50
		h-index	g-index

175	175	175	2155
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Research on the Recognition of Machining Conditions Based on Sound and Vibration Signals of a CNC Milling Machine. IEEE Sensors Journal, 2022, 22, 6364-6377.	2.4	7
2	Study on Bandwidth Analyzed Adaptive Boosting Machine Tool Chatter Diagnosis System. IEEE Sensors Journal, 2022, 22, 8449-8459.	2.4	4
3	IEEE Access Special Section Editorial: Advanced Artificial Intelligence Technologies for Smart Manufacturing. IEEE Access, 2021, 9, 119232-119234.	2.6	4
4	Tracking Control of Pneumatic Artificial Muscle-Activated Robot Arm Based on Sliding-Mode Control. Actuators, 2021, 10, 66.	1.2	15
5	Soil Salinization Level Monitoring and Classifying by Mixed Chaotic Systems. Remote Sensing, 2021, 13, 3819.	1.8	0
6	Bearing Fault Diagnosis Based on Chaotic Dynamic Errors in Key Components. IEEE Access, 2021, 9, 53509-53517.	2.6	7
7	A New Methodology of Soil Salinization Degree Classification by Probability Neural Network Model Based on Centroid of Fractional Lorenz Chaos Self-Synchronization Error Dynamics. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 799-810.	2.7	12
8	Using Polar Expression Features and Nonlinear Machine Learning Classifier for Automated Parkinson's Disease Screening. IEEE Sensors Journal, 2020, 20, 501-514.	2.4	13
9	The Optimization of Lathe Cutting Parameters Using a Hybrid Taguchi-Genetic Algorithm. IEEE Access, 2020, 8, 169576-169584.	2.6	5
10	An Automatic Intelligent Diagnostic Mechanism for the Milling Cutter Wear. IEEE Access, 2020, 8, 199359-199368.	2.6	0
11	A Linear Regression Thermal Displacement Lathe Spindle Model. Energies, 2020, 13, 949.	1.6	18
12	Inspection on Ball Bearing Malfunction by Chen-Lee Chaos System. IEEE Access, 2020, 8, 28267-28275.	2.6	9
13	Estimation of Low Organic Matter Content in Desert Soil of Arid Area Based on Fractional Order Sprott Chaotic Circuit and Gray Theory. IEEE Access, 2020, 8, 25001-25013.	2.6	0
14	Multifocus Image Fusion Using a Sparse and Low-Rank Matrix Decomposition for Aviator's Night Vision Goggle. Applied Sciences (Switzerland), 2020, 10, 2178.	1.3	3
15	Optimizing Back Propagation Neural Network Parameters to Judge Fault Types of Ball Bearings. Sensors and Materials, 2020, 32, 417.	0.3	2
16	Prediction of Spindle Thermal Deformation and Displacement Using Back Propagation Neural Network. Sensors and Materials, 2020, 32, 431.	0.3	6
17	Optimization of Lathe Cutting Parameters Using Taguchi Method and Grey Relational Analysis. Sensors and Materials, 2020, 32, 843.	0.3	1
18	Analysis of the correlation between infrared thermal sequence images of nostril area and respiratory rate. IET Image Processing, 2020, 14, 3089-3094.	1.4	2

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19	Optimization Method of IR Thermography Facial Image Registration. IEEE Access, 2019, 7, 93501-93510.	2.6	4
20	Application of Chaos Synchronization Technique and Pattern Clustering for Diagnosis Analysis of Partial Discharge in Power Cables. IEEE Access, 2019, 7, 76185-76193.	2.6	22
21	Classifying and Predicting Salinization Level in Arid Area Soil Using a Combination of Chua's Circuit and Fractional Order Sprott Chaotic System. Sensors, 2019, 19, 4517.	2.1	2
22	Predicting spindle displacement caused by heat using the general regression neural network. International Journal of Advanced Manufacturing Technology, 2019, 104, 4665-4674.	1.5	8
23	Machine Tool Chatter Identification Based on Dynamic Errors of Different Self-Synchronized Chaotic Systems of Various Fractional Orders. IEEE Access, 2019, 7, 67278-67286.	2.6	15
24	Nonlinear behavior analysis and control of the atomic force microscope and circuit implementation. Journal of Low Frequency Noise Vibration and Active Control, 2019, 38, 1576-1593.	1.3	4
25	A Study on the Application of Synchronized Chaotic Systems of Different Fractional Orders for Cutting Tool Wear Diagnosis and Identification. IEEE Access, 2019, 7, 15903-15911.	2.6	15
26	Innovative Intelligent Methodology for the Classification of Soil Salinization Degree Using a Fractional-Order Master-Slave Chaotic System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950026.	0.7	5
27	Emotion-Specific Facial Activation Maps Based on Infrared Thermal Image Sequences. IEEE Access, 2019, 7, 48046-48052.	2.6	15
28	Lathe tool chatter vibration diagnostic using general regression neural network based on Chua's circuit and fractional-order Lorenz master/slave chaotic system. Journal of Low Frequency Noise Vibration and Active Control, 2019, 38, 953-966.	1.3	5
29	Nonlinear analysis and simulation of active hybrid aerodynamic and aerostatic bearing system. Journal of Low Frequency Noise Vibration and Active Control, 2019, 38, 1404-1421.	1.3	5
30	Active controller design for precision computerized numerical control machine tool systems. Journal of Low Frequency Noise Vibration and Active Control, 2019, 38, 1149-1159.	1.3	1
31	Thermal monitoring and thermal deformation prediction for spherical machine tool spindles. Thermal Science, 2019, 23, 2271-2279.	0.5	3
32	Analyses and Control of Chaotic Behavior in DC-DC Converters. Mathematical Problems in Engineering, 2018, 2018, 1-13.	0.6	9
33	Intelligent Ball Bearing Fault Diagnosis Using Fractional Lorenz Chaos Extension Detection. Sensors, 2018, 18, 3069.	2.1	11
34	Fractional Order Chaos Synchronization for Real-Time Intelligent Diagnosis of Islanding in Solar Power Grid Systems. Energies, 2018, 11, 1183.	1.6	9
35	Photovoltaic Energy Conversion System Fault Detection Using Fractional-Order Color Relation Classifier in Microdistribution Systems. IEEE Transactions on Smart Grid, 2017, 8, 1163-1172.	6.2	45
36	A novel variable step size fractional order incremental conductance algorithm to maximize power tracking of fuel cells. Applied Mathematical Modelling, 2017, 45, 1067-1075.	2.2	43

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37	Control circuit design and chaos analysis in an ultrasonic machining system. Engineering Computations, 2017, 34, 2189-2211.	0.7	2
38	Chaotic control and circuit implementation of the Atomic Force Microscope system. , 2017, , .		0
39	Implementation of FPGA-Based Charge Control for a Self-Sufficient Solar Tracking Power Supply System. Applied Sciences (Switzerland), 2016, 6, 41.	1.3	11
40	Influence of bearing number on high speed air rotor bearing systems. , 2016, , .		0
41	Ball bearing testâ€rig research and fault diagnosis investigation. IET Science, Measurement and Technology, 2016, 10, 259-265.	0.9	19
42	Particle swarm optimization used with proportionalâ€"derivative control to analyze nonlinear behavior in the atomic force microscope. Advances in Mechanical Engineering, 2016, 8, 168781401666727.	0.8	5
43	Fractional-Order Chaotic Self-Synchronization-Based Tracking Faults Diagnosis of Ball Bearing Systems. IEEE Transactions on Industrial Electronics, 2016, 63, 3824-3833.	5.2	65
44	Numerical computation and nonlinear dynamic analysis of ultrasonic cutting system. Computers and Electrical Engineering, 2016, 51, 270-283.	3.0	2
45	Numerical Investigation into Natural Convection and Entropy Generation in a Nanofluid-Filled U-Shaped Cavity. Entropy, 2015, 17, 5980-5994.	1.1	16
46	Application of Extension Sliding Mode Strategy to Maximum Power Point Tracking in Human Power Generation Systems. Applied Sciences (Switzerland), 2015, 5, 259-274.	1.3	1
47	Development of a Fractional Order Chaos Synchronization Dynamic Error Detector for Maximum Power Point Tracking of Photovoltaic Power Systems. Applied Sciences (Switzerland), 2015, 5, 1117-1133.	1.3	8
48	A New Fractional-Order Based Intelligent Maximum Power Point Tracking Control Algorithm for Photovoltaic Power Systems. International Journal of Photoenergy, 2015, 2015, 1-8.	1.4	13
49	Mixing of electrokinetically-driven power-law fluids in zigzag microchannels. International Journal of Numerical Methods for Heat and Fluid Flow, 2015, 25, 391-399.	1.6	8
50	Study on Real-time Extension Fault Detection for a XXY Stage by using Chaos Synchronization. Journal of Applied Research and Technology, 2015, 13, 305-312.	0.6	2
51	Fractional order Sprott chaos synchronisationâ€based realâ€time extension power quality detection method. IET Generation, Transmission and Distribution, 2015, 9, 2775-2781.	1.4	12
52	Design and implementation of FPGA-based Taguchi-chaos-PSO sun tracking systems. Mechatronics, 2015, 25, 55-64.	2.0	43
53	Study on Unified Chaotic System-Based Wind Turbine Blade Fault Diagnostic System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550042.	0.7	5
54	Chaos embedded particle swarm optimization algorithm-based solar optimal ReflexTM frequency charge. Journal of Applied Research and Technology, 2015, 13, 321-327.	0.6	4

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55	Chaotic eye-based fault forecasting method for wind power systems. IET Renewable Power Generation, 2015, 9, 593-599.	1.7	19
56	Signal clustering of power disturbance by using chaos synchronization. International Journal of Electrical Power and Energy Systems, 2015, 64, 112-120.	3.3	10
57	Effect of coffee reduction on constituent concentration in an energy-efficient process of ultrasonic extraction. Thermal Science, 2015, 19, 1373-1377.	0.5	1
58	Chaotic Extension Neural Network-Based Fault Diagnosis Method for Solar Photovoltaic Systems. Mathematical Problems in Engineering, 2014, 2014, 1-9.	0.6	2
59	System Simulation and Control in Engineering. Mathematical Problems in Engineering, 2014, 2014, 1-1.	0.6	0
60	Research and Development of a Chaotic Signal Synchronization Error Dynamics-Based Ball Bearing Fault Diagnostor. Entropy, 2014, 16, 5358-5376.	1.1	19
61	Design and Study on Sliding Mode Extremum Seeking Control of the Chaos Embedded Particle Swarm Optimization for Maximum Power Point Tracking in Wind Power Systems. Energies, 2014, 7, 1706-1720.	1.6	30
62	Chaotic Extension Neural Network Theory-Based XXY Stage Collision Fault Detection Using a Single Accelerometer Sensor. Sensors, 2014, 14, 21549-21564.	2.1	2
63	New Power Quality Analysis Method Based on Chaos Synchronization and Extension Neural Network. Energies, 2014, 7, 6340-6357.	1.6	13
64	Chaos Synchronization Error Technique-Based Defect Pattern Recognition for GIS through Partial Discharge Signal Analysis. Entropy, 2014, 16, 4566-4582.	1.1	12
65	Chaos Synchronization Based Novel Real-Time Intelligent Fault Diagnosis for Photovoltaic Systems. International Journal of Photoenergy, 2014, 2014, 1-9.	1.4	3
66	Bifurcation and Chaotic Analysis of Aeroelastic Systems. Journal of Computational and Nonlinear Dynamics, 2014, 9, .	0.7	11
67	Design and Implementation of Optimal Fuzzy PID Controller for DC Servo Motor. Applied Mathematics and Information Sciences, 2014, 8, 231-237.	0.7	3
68	Using Self-Synchronization Error Dynamics Formulation Based Controller for Maximum Photovoltaic Power Tracking in Micro-Grid Systems. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2013, 3, 459-467.	2.7	39
69	Identification and Compensation of Nonlinear Friction Characteristics and Precision Control for a Linear Motor Stage. IEEE/ASME Transactions on Mechatronics, 2013, 18, 1385-1396.	3.7	95
70	Simulation and experimental analysis for hysteresis behavior of a piezoelectric actuated micro stage using modified charge system search. Microsystem Technologies, 2013, 19, 1807-1815.	1.2	4
71	Bifurcation and chaos analysis of atomic force microscope system. Microsystem Technologies, 2013, 19, 1795-1805.	1.2	6
72	System Identification and Semiactive Control of a Squeeze-Mode Magnetorheological Damper. IEEE/ASME Transactions on Mechatronics, 2013, 18, 1691-1701.	3.7	17

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73	Chaotic and Subharmonic Motion Analysis of Floating Ring Gas Bearing System by Hybrid Numerical Method. Mathematical Problems in Engineering, 2013, 2013, 1-14.	0.6	3
74	Chaos Analysis and Synchronization Control of Coronary Artery Systems. Abstract and Applied Analysis, 2013, 2013, 1-11.	0.3	5
75	Extension Sliding Mode Controller for Maximum Power Point Tracking of Hydrogen Fuel Cells. Abstract and Applied Analysis, 2013, 2013, 1-8.	0.3	8
76	Application of hybrid microwave thermal extraction techniques for mulberry root bark. Thermal Science, 2013, 17, 1311-1315.	0.5	1
77	Application of CMAC Neural Network to Solar Energy Heliostat Field Fault Diagnosis. International Journal of Photoenergy, 2013, 2013, 1-8.	1.4	5
78	Sliding Mode Extremum Seeking Control Scheme Based on PSO for Maximum Power Point Tracking in Photovoltaic Systems. International Journal of Photoenergy, 2013, 2013, 1-10.	1.4	17
79	Diagnosis of Short-Circuit Fault in Large-Scale Permanent-Magnet Wind Power Generator Based on CMAC. Mathematical Problems in Engineering, 2013, 2013, 1-7.	0.6	1
80	Circuit Implementation and Synchronization Control of Chaotic Horizontal Platform Systems by Wireless Sensors. Mathematical Problems in Engineering, 2013, 2013, 1-6.	0.6	1
81	A Maximum Entropy-Based Chaotic Time-Variant Fragile Watermarking Scheme for Image Tampering Detection. Entropy, 2013, 15, 3170-3185.	1.1	22
82	Bifurcation Analysis of Bearing Number in Ultra Short Gas Bearing System. Smart Science, 2013, 1, 18-24.	1.9	6
83	EXPERIMENTAL INVESTIGATIONS OF MPPT IN A SMALL SCALE PHOTOVOLTAIC ENERGY SYSTEM BASED ON EXTREMUM SEEKING CONTROL. Transactions of the Canadian Society for Mechanical Engineering, 2013, 37, 1001-1012.	0.3	1
84	PSO Based PI Controller Design for a Solar Charger System. Scientific World Journal, The, 2013, 2013, 1-13.	0.8	20
85	Numerical investigation into natural convection heat transfer enhancement of copper-water nanofluid in a wavy wall enclosure. Thermal Science, 2012, 16, 1309-1316.	0.5	9
86	Enhancement of natural convection heat transfer in a U-shaped cavity filled with Al2O3-water nanofluid. Thermal Science, 2012, 16, 1317-1323.	0.5	20
87	Bluetooth Based Chaos Synchronization Using Particle Swarm Optimization and Its Applications to Image Encryption. Sensors, 2012, 12, 7468-7484.	2.1	20
88	Circuit Implementation of Coronary Artery Chaos Phenomenon and Optimal PID Synchronization Controller Design. Mathematical Problems in Engineering, 2012, 2012, 1-13.	0.6	1
89	Performance Analysis and Optimization of a Solar Powered Stirling Engine with Heat Transfer Considerations. Energies, 2012, 5, 3573-3585.	1.6	49
90	High-order sliding mode controller with backstepping design for aeroelastic systems. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 1813-1823.	1.7	45

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91	Terminal sliding mode control for aeroelastic systems. Nonlinear Dynamics, 2012, 70, 2015-2026.	2.7	36
92	Fuzzy sliding mode control for a gyroscope system. , 2012, , .		1
93	Bifurcation Analysis of Trailing Edge Angle for Aeroelastic System. , 2012, , .		1
94	Maximum power point tracking and optimal Li-ion battery charging control for photovoltaic charging system. Computers and Mathematics With Applications, 2012, 64, 822-832.	1.4	27
95	Chaos suppression control of a coronary artery system with uncertainties by using variable structure control. Computers and Mathematics With Applications, 2012, 64, 988-995.	1.4	39
96	Advanced Technologies in Computer, Consumer and Control. Computers and Mathematics With Applications, 2012, 64, 687.	1.4	2
97	Fuzzy sliding mode controller design for maximum power point tracking control of a solar energy system. Transactions of the Institute of Measurement and Control, 2012, 34, 557-565.	1.1	19
98	Sliding Mode Controller Design of a Self-Balancing Two-Wheeled Robot. Advanced Science Letters, 2012, 9, 609-613.	0.2	1
99	Application of a Chaotic Synchronization System to Secure Communication. Information Technology and Control, 2012, 41, .	1.1	8
100	Comparison of Extremum-Seeking Control Techniques for Maximum Power Point Tracking in Photovoltaic Systems. Energies, 2011, 4, 2180-2195.	1.6	41
101	Nonlinear dynamic analysis and sliding mode control forÂaÂgyroscope system. Nonlinear Dynamics, 2011, 66, 53-65.	2.7	44
102	Application of the differential transformation method to bifurcation and chaotic analysis of an AFM probe tip. Computers and Mathematics With Applications, 2011, 61, 1957-1962.	1.4	12
103	Suppression of chaotic behavior in horizontal platform systems based on an adaptive sliding mode control scheme. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 133-143.	1.7	24
104	Nonlinear analysis and control of the uncertain micro-electro-mechanical system by using a fuzzy sliding mode control design. Computers and Mathematics With Applications, 2011, 61, 1912-1916.	1.4	55
105	Implementation of optimal PID control for chaos synchronization by FPGA chip. , 2011, , .		3
106	A numerical investigation into electroosmotic flow in microchannels with complex wavy surfaces. Thermal Science, 2011, 15, 87-94.	0.5	20
107	Application of lattice Boltzmann method and field synergy principle to the heat transfer analysis of channel flow with obstacles inside. Thermal Science, 2011, 15, 75-80.	0.5	1
108	An FPGA-Based PID Controller Design for Chaos Synchronization by Evolutionary Programming. Discrete Dynamics in Nature and Society, 2011, 2011, 1-11.	0.5	7

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109	Generalized Projective Synchronization for the Horizontal Platform Systems via an Integral-type Sliding Mode Control. JVC/Journal of Vibration and Control, 2011, 17, 11-17.	1.5	25
110	Theoretical analysis of high speed spindle air bearings by a hybrid numerical method. Applied Mathematics and Computation, 2010, 217, 2084-2096.	1.4	25
111	Chaos control in AFM system using sliding mode control by backstepping design. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 741-751.	1.7	49
112	Fuzzy logic combining controller design for chaos control of a rod-type plasma torch system. Expert Systems With Applications, 2010, 37, 8278-8283.	4.4	24
113	Nonlinear dynamic analysis of a hybrid squeeze-film damper-mounted rigid rotor lubricated with couple stress fluid and active control. Applied Mathematical Modelling, 2010, 34, 2493-2507.	2.2	27
114	Non-linear dynamic analysis of hybrid squeeze-film damper-mounted gear-bearing system and hydraulic active control. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2010, 224, 249-259.	0.5	1
115	Robust Exponential Converge Controller Design for a Unified Chaotic System with Structured Uncertainties via LMI. Discrete Dynamics in Nature and Society, 2010, 2010, 1-10.	0.5	5
116	High Order Sliding Mode Control for Discrete-Time systems with External Disturbances. International Journal of Nonlinear Sciences and Numerical Simulation, 2010, 11, .	0.4	0
117	Intelligent control design and implementation of DC servo motor. , 2010, , .		3
118	Robust Controller Design for Modified Projective Synchronization of Chen-Lee Chaotic Systems with Nonlinear Inputs. Mathematical Problems in Engineering, 2009, 2009, 1-10.	0.6	5
119	Design of sliding mode controller for AFM system by backstepping design. , 2009, , .		1
120	Application of DT method to bifurcation analysis of microcandilevers with proportional-plus-derivative control. , 2009, , .		1
121	Robust Control Method Applied in Self-Balancing Two-Wheeled Robot. , 2009, , .		7
122	Chaotic Analysis and Control of Microcandilevers with PD Feedback Using Differential Transformation Method. International Journal of Nonlinear Sciences and Numerical Simulation, 2009, 10, .	0.4	6
123	Enhancement of microfluidic mixing using harmonic and chaotic electric fields. International Journal of Nonlinear Sciences and Numerical Simulation, 2009, 10, 1545-1554.	0.4	7
124	Chaos suppression control of horizontal platform system with parametric uncertainties. , 2009, , .		0
125	Adaptive sliding mode control of a high-precision ball-screw-driven stage. Nonlinear Analysis: Real World Applications, 2009, 10, 1480-1489.	0.9	44
126	Robust decentralized adaptive control for uncertain large-scale delayed systems with input nonlinearities. Chaos, Solitons and Fractals, 2009, 39, 1515-1521.	2.5	17

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127	Adaptive Fuzzy Sliding Mode Controller Design for Lorenz System. , 2009, , .		0
128	Nonlinear Dynamic Analysis of Earthquake Model. , 2009, , .		0
129	Influence of the bearing number on micro gas bearing system. , 2009, , .		0
130	Bifurcation and Chaos Analysis of a Relative Short Spherical Air Bearing System via a Novel Hybrid Method. , 2009, , .		0
131	Numerical simulation of an electrokinetic micromixer using harmonic and chaotic electric fields. , 2009, , .		0
132	An LMI Approach to Robust Exponential Stabilizing Controller Design for a Class of Structured Uncertain Unified Chaotic Systems. , 2009, , .		0
133	Robust Controller Design for Synchronization of Two Chaotic Circuits. Information Technology Journal, 2009, 8, 743-749.	0.3	3
134	Chaos synchronization using fuzzy logic controller. Nonlinear Analysis: Real World Applications, 2008, 9, 1800-1810.	0.9	106
135	Synchronization and anti-synchronization coexist in two-degree-of-freedom dissipative gyroscope with nonlinear inputs. Nonlinear Analysis: Real World Applications, 2008, 9, 2253-2261.	0.9	39
136	Application of a hybrid numerical method to the bifurcation analysis of a rigid rotor supported by a spherical gas journal bearing system. Nonlinear Dynamics, 2008, 51, 515-528.	2.7	33
137	Analysis of nonlinear dynamic behavior of atomic force microscope using differential transformation method. Acta Mechanica, 2008, 198, 87-98.	1.1	9
138	Generalized projective chaos synchronization of gyroscope systems subjected to dead-zone nonlinear inputs. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 2380-2385.	0.9	37
139	Chaos synchronization of different chaotic systems subjected to input nonlinearity. Applied Mathematics and Computation, 2008, 197, 775-788.	1.4	85
140	Chaos synchronization of two uncertain chaotic nonlinear gyros using fuzzy sliding mode control. Mechanical Systems and Signal Processing, 2008, 22, 408-418.	4.4	109
141	Application of DT method to the nonlinear analysis of microcantilever-sample interaction in AFM. , 2008, , .		0
142	Variable structure controller for modified projective synchronization of Chen-Lee chaotic systems with nonlinear inputs. Journal of Physics: Conference Series, 2008, 96, 012198.	0.3	2
143	Application of Hybrid Method to the Quasi-Periodic Analysis of Micro Gas Journal Bearing System. , 2008, , .		1
144	Maximum power extraction with numerical grey relational analysis sensorless controller for wind-turbine generator. , 2008, , .		0

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145	Fuzzy Controller Design for Atomic Force Microscope System. , 2008, , .		3
146	Bifurcation analysis of a relative short spherical aerodynamic journal bearing system. Journal of Physics: Conference Series, 2008, 96, 012099.	0.3	0
147	Design and Implement of a Digital PID Controller for a Chaos Synchronization System by Evolutionary Programming. Journal of Applied Sciences, 2008, 8, 2420-2427.	0.1	8
148	An Optimal Model for Hysteretic Nonlinear Phenomenon in Piezoelectric Actuator via Evolutionary Programming Algorithm. International Journal of Nonlinear Sciences and Numerical Simulation, 2007, 8, .	0.4	2
149	Design of Extended Backstepping Sliding Mode Controller for Uncertain Chaotic Systems. International Journal of Nonlinear Sciences and Numerical Simulation, 2007, 8, .	0.4	28
150	Theoretical analysis of the non-linear behavior of a flexible rotor supported by herringbone grooved gas journal bearings. Tribology International, 2007, 40, 533-541.	3.0	36
151	Robust controlling hyperchaos of the Rössler system subject to input nonlinearities by using sliding mode control. Chaos, Solitons and Fractals, 2007, 33, 1767-1776.	2.5	17
152	Nonlinear rule-based controller for chaos synchronization of two gyros with linear-plus-cubic dampingâ˜†. Chaos, Solitons and Fractals, 2007, 34, 1357-1365.	2.5	36
153	Chaos control of Lorenz systems using adaptive controller with input saturation. Chaos, Solitons and Fractals, 2007, 34, 1567-1574.	2.5	59
154	Nonlinear numerical analysis of a flexible rotor equipped with squeeze couple stress fluid film journal bearings. Acta Mechanica Solida Sinica, 2007, 20, 309-316.	1.0	7
155	Synchronization between Two Different Hyperchaotic Systems Containing Nonlinear Inputs. Communications in Computer and Information Science, 2007, , 133-141.	0.4	0
156	Electric-Hydraulic Actuator Design for a Hybrid Squeeze-Film Damper-Mounted Rigid Rotor System With Active Control. Journal of Vibration and Acoustics, Transactions of the ASME, 2006, 128, 176-183.	1.0	3
157	Chattering-free fuzzy sliding-mode control strategy for uncertain chaotic systems. Chaos, Solitons and Fractals, 2006, 30, 709-718.	2.5	106
158	Fuzzy Sliding Mode Control for a Class of Chaos Synchronization with Uncertainties. International Journal of Nonlinear Sciences and Numerical Simulation, 2006, 7, .	0.4	64
159	Synchronization of unidirectional coupled chaotic systems with unknown channel time-delay: Adaptive robust observer-based approach. Chaos, Solitons and Fractals, 2005, 26, 971-978.	2.5	40
160	SYNCHRONIZATION CONTROL FOR A CLASS OF CHAOTIC SYSTEMS WITH UNCERTAINTIES. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2005, 15, 2235-2246.	0.7	38
161	Memoryless Adaptive Variable Structure Control of Time-Delayed Systems with Unknown Bounded Uncertainties. International Journal of Nonlinear Sciences and Numerical Simulation, 2005, 6, .	0.4	8
162	Design of sliding mode controller for Lorenz chaotic system with nonlinear input. Chaos, Solitons and Fractals, 2004, 19, 891-898.	2.5	73

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163	Design of adaptive sliding mode controller for chaos synchronization with uncertainties. Chaos, Solitons and Fractals, 2004, 22, 341-347.	2.5	268
164	Decentralized Adaptive Control for Large-Scale Singular Systems with Series Nonlinearities. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 49-54.	0.4	1
165	Control of chaos in Lorenz system. Chaos, Solitons and Fractals, 2002, 13, 767-780.	2.5	114
166	Subharmonic and Chaotic Motions of a Hybrid Squeeze-Film Damper-Mounted Rigid Rotor With Active Control. Journal of Vibration and Acoustics, Transactions of the ASME, 2002, 124, 198-208.	1.0	8
167	Bifurcation in a Flexible Rotor Supported by Short Journal Bearings With Nonlinear Suspension. JVC/Journal of Vibration and Control, 2001, 7, 653-673.	1.5	12
168	SLIDING MODE CONTROL OF CHAOTIC SYSTEMS WITH UNCERTAINTIES. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2000, 10, 1139-1147.	0.7	85
169	Chaos and bifurcation analysis of a flexible rotor supported by short journal bearings with non-linear suspension. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2000, 214, 931-947.	1.1	5
170	Title is missing!. Nonlinear Dynamics, 1998, 16, 71-90.	2.7	60
171	Design of Fuzzy Logic Controller for Chaos Synchronization. , 0, , 123-127.		0