

# Chih-Hong Lin

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66

papers

615

citations

12

h-index

22

g-index

93

ext. papers

771

ext. citations

2.5

avg, IF

5.07

L-index

#	Paper	IF	Citations
66	Expression of Concern to: Composite recurrent Laguerre orthogonal polynomials neural network dynamic control for continuously variable transmission system using altered particle swarm optimization. <i>Nonlinear Dynamics</i> , <b>2021</b> , 104, 883-883	5	
65	Sage Revised Reiterative Even Zernike Polynomials Neural Network Control with Modified Fish School Search Applied in SSCCRIM Impelled System. <i>Mathematics</i> , <b>2020</b> , 8, 1760	2.3	
64	A Rectified Reiterative Sieved-Pollaczek Polynomials Neural Network Backstepping Control with Improved Fish School Search for Motor Drive System. <i>Mathematics</i> , <b>2020</b> , 8, 1699	2.3	1
63	Altered Grey Wolf Optimization and Taguchi Method with FEA for Six-Phase Copper Squirrel Cage Rotor Induction Motor Design. <i>Energies</i> , <b>2020</b> , 13, 2282	3.1	7
62	Linear permanent magnet synchronous motor drive system using AAENNB Control system with error compensation controller and CPSO. <i>Electrical Engineering</i> , <b>2020</b> , 102, 1311-1325	1.5	2
61	Mended grey wolf optimization and Taguchi method with multi-goal optimization for six-phase copper rotor induction motor design. <i>Engineering Optimization</i> , <b>2020</b> , 1-20	2	1
60	Integral backstepping control with RRFNN and MPPO of LPMSM drive system. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , <b>2020</b> , 234, 834-848	1	1
59	Electromagnetic torque control for synchronous reluctance motor servo-drive system applied in continuously variable transmission system. <i>International Journal of Applied Electromagnetics and Mechanics</i> , <b>2020</b> , 62, 355-382	0.4	1
58	Smart backstepping control using revised recurrent fuzzy neural network and revised ant colony optimization for linear permanent magnet synchronous motor drive system. <i>Transactions of the Institute of Measurement and Control</i> , <b>2020</b> , 42, 1388-1405	1.8	2
57	Admixed recurrent Gegenbauer polynomials neural network with mended particle swarm optimization control system for synchronous reluctance motor driving continuously variable transmission system. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , <b>2020</b> , 234, 183-198	1	1
56	Clever backstepping control using two adaptive laws, a RRFNN and a compensated controller of SPCRIM drive system. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2020</b> , 38, 5077-5093	1.6	
55	Permanent-Magnet Synchronous Motor Drive System Using Backstepping Control with Three Adaptive Rules and Revised Recurring Sieved Pollaczek Polynomials Neural Network with Reformed Grey Wolf Optimization and Recouped Controller. <i>Energies</i> , <b>2020</b> , 13, 5870	3.1	3
54	A SCRIM Drive System Using Backstepping Control and Revamped Recurrent Romanovski PNN with Mended ACO. <i>IETE Journal of Research</i> , <b>2019</b> , 1-14	0.9	2
53	Novel Nonlinear Backstepping Control of Synchronous Reluctance Motor Drive System for Position Tracking of Periodic Reference Inputs with Torque Ripple Consideration. <i>International Journal of Control, Automation and Systems</i> , <b>2019</b> , 17, 1-17	2.9	21
52	Adaptive nonlinear backstepping control using mended recurrent Romanovski polynomials neural network and mended particle swarm optimization for switched reluctance motor drive system. <i>Transactions of the Institute of Measurement and Control</i> , <b>2019</b> , 41, 4114-4128	1.8	3
51	Switched reluctance motor circuit drive system using adaptive nonlinear backstepping control with mended recurrent Romanovski polynomials neural network and mended particle swarm optimization. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , <b>2019</b> , 32, e2629	1	0
50	Backstepping control and revamped recurrent fuzzy neural network with mended ant colony optimization applied in SCRIM drive system. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2019</b> , 36, 3447-3459	1.6	4

49	High Performances Design of a Six-Phase Synchronous Reluctance Motor Using Multi-Objective Optimization with Altered Bee Colony Optimization and Taguchi Method. <i>Energies</i> , <b>2018</b> , 11, 2716	3.1	12
48	Precision Motion Control of a Linear Permanent Magnet Synchronous Machine Based on Linear Optical-Ruler Sensor and Hall Sensor. <i>Sensors</i> , <b>2018</b> , 18,	3.8	5
47	Blend modified recurrent Gegenbauer orthogonal polynomial neural network control for six-phase copper rotor induction motor servo-driven continuously variable transmission system using amended artificial bee colony optimization. <i>Transactions of the Institute of Measurement and Control</i> , <b>2017</b> , 39, 921-950	1.8	6
46	Application of a V-belt continuously variable transmission system by using a composite recurrent Laguerre orthogonal polynomial neural network control system and modified particle swarm optimization. <i>JVC/Journal of Vibration and Control</i> , <b>2017</b> , 23, 1437-1462	2	2
45	Comparative dynamic control for continuously variable transmission with nonlinear uncertainty using blend amend recurrent Gegenbauer-functional-expansions neural network. <i>Nonlinear Dynamics</i> , <b>2017</b> , 87, 1467-1493	5	10
44	Comparative Dynamic Control of SynRM Servodrive Continuously Variable Transmission System Using Blend Amend Recurrent Gegenbauer-Functional-Expansions Neural Network Control and Altered Artificial Bee Colony Optimization. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2017</b> , 139,	1.6	1
43	Multi-objective optimization design using amended particle swarm optimization and Taguchi method for a six-phase copper rotor induction motor. <i>Engineering Optimization</i> , <b>2017</b> , 49, 693-708	2	12
42	An intelligent dynamic control of continuously variable transmission system using modified particle swarm optimization. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , <b>2016</b> , 230, 2181-2207	1.3	3
41	Novel application of continuously variable transmission system using composite recurrent Laguerre orthogonal polynomials modified PSO NN control system. <i>ISA Transactions</i> , <b>2016</b> , 64, 405-417	5.5	10
40	Multiobjective Optimization Design for a Six-Phase Copper Rotor Induction Motor Mounted With a Scroll Compressor. <i>IEEE Transactions on Magnetics</i> , <b>2016</b> , 52, 1-4	2	15
39	A Backstepping Control of LSM Drive Systems Using Adaptive Modified Recurrent Laguerre OPNNUO. <i>Journal of Power Electronics</i> , <b>2016</b> , 16, 598-609	0.9	10
38	A Six-Phase CRIM Driving CVT using Blend Modified Recurrent Gegenbauer OPNN Control. <i>Journal of Power Electronics</i> , <b>2016</b> , 16, 1438-1454	0.9	8
37	Wind Turbine Driving a PM Synchronous Generator Using Novel Recurrent Chebyshev Neural Network Control with the Ideal Learning Rate. <i>Energies</i> , <b>2016</b> , 9, 441	3.1	3
36	Modelling and control of six-phase induction motor servo-driven continuously variable transmission system using blend modified recurrent Gegenbauer orthogonal polynomial neural network control system and amended artificial bee colony optimization. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , <b>2016</b> , 29, 915-942	1	9
35	Blend recurrent Gegenbauer orthogonal polynomials neural network control of a SynRM servo-drive CVT system using amended artificial bee colony optimization <b>2016</b> ,		1
34	Permanent magnet synchronous motor controlled V-belt continuously variable transmission driven electric scooter using hybrid modified recurrent Legendre NN control system. <i>International Journal of Applied Electromagnetics and Mechanics</i> , <b>2015</b> , 47, 211-235	0.4	1
33	Novel adaptive modified recurrent Legendre neural network control for a PMSM servo-driven electric scooter with V-belt continuously variable transmission system dynamics. <i>Transactions of the Institute of Measurement and Control</i> , <b>2015</b> , 37, 1181-1196	1.8	5
32	Composite recurrent Laguerre orthogonal polynomials neural network dynamic control for continuously variable transmission system using altered particle swarm optimization. <i>Nonlinear Dynamics</i> , <b>2015</b> , 81, 1219-1245	5	14

31	Dynamic control of V-belt continuously variable transmission-driven electric scooter using hybrid modified recurrent legendre neural network control system. <i>Nonlinear Dynamics</i> , <b>2015</b> , 79, 787-808	5	9
30	Nonlinear control design of LSM drive system using adaptive modified recurrent Laguerre orthogonal polynomial NN backstepping control <b>2015</b> ,		1
29	Novel Adaptive Recurrent Legendre Neural Network Control for PMSM Servo-Drive Electric Scooter. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2015</b> , 137,	1.6	10
28	Adaptive recurrent Chebyshev neural network control for PM synchronous motor servo-drive electric scooter with V-belt continuously variable transmission. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2015</b> , 29, 805-834	2.8	4
27	Dynamic Response of Novel Adaptive Modified Recurrent Legendre Neural Network Control for PMSM Servo-Drive Electric Scooter. <i>Automatika</i> , <b>2015</b> , 56, 164-185	1.6	1
26	Hybrid Recurrent Laguerre-Orthogonal-Polynomial NN Control System Applied in V-Belt Continuously Variable Transmission System Using Particle Swarm Optimization. <i>Mathematical Problems in Engineering</i> , <b>2015</b> , 2015, 1-17	1.1	1
25	Application of V-Belt Continuously Variable Transmission System Using Hybrid Recurrent Laguerre Orthogonal Polynomials Neural Network Control System and Modified Particle Swarm Optimization. <i>Journal of Computational and Nonlinear Dynamics</i> , <b>2015</b> , 10,	1.4	4
24	PMSM Servo Drive for V-Belt Continuously Variable Transmission System Using Hybrid Recurrent Chebyshev NN Control System. <i>Journal of Electrical Engineering and Technology</i> , <b>2015</b> , 10, 408-421	1.4	3
23	Hybrid recurrent wavelet neural network control of PMSM servo-drive system for electric scooter. <i>International Journal of Control, Automation and Systems</i> , <b>2014</b> , 12, 177-187	2.9	28
22	Dynamic control for permanent magnet synchronous generator system using novel modified recurrent wavelet neural network. <i>Nonlinear Dynamics</i> , <b>2014</b> , 77, 1261-1284	5	16
21	Adaptive recurrent Chebyshev neural network control for permanent magnet synchronous motor servo-drive electric scooter. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , <b>2014</b> , 228, 699-714	1	5
20	A novel hybrid recurrent wavelet neural network control of permanent magnet synchronous motor drive for electric scooter. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , <b>2014</b> , 22, 1056-1075	0.9	6
19	A PMSM Driven Electric Scooter System with a V-Belt Continuously Variable Transmission Using a Novel Hybrid Modified Recurrent Legendre Neural Network Control. <i>Journal of Power Electronics</i> , <b>2014</b> , 14, 1008-1027	0.9	1
18	The hybrid RFNN control for a PMSM drive electric scooter using rotor flux estimator. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2013</b> , 51, 213-223	5.1	14
17	Modified Elman neural network control for PMSM direct-driven PMSG/Battery renewable energy system <b>2013</b> ,		1
16	Recurrent modified Elman neural network control of PM synchronous generator system using wind turbine emulator of PM synchronous servo motor drive. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2013</b> , 52, 143-160	5.1	26
15	Novel Modified Elman Neural Network Control for PMSG System Based on Wind Turbine Emulator. <i>Mathematical Problems in Engineering</i> , <b>2013</b> , 2013, 1-15	1.1	3
14	HYBRID MODIFIED ELMAN NN CONTROLLER DESIGN ON PERMANENT MAGNET SYNCHRONOUS MOTOR DRIVEN ELECTRIC SCOOTER. <i>Transactions of the Canadian Society for Mechanical Engineering</i> , <b>2013</b> , 37, 1127-1145	1.1	7

13	Integral Backstepping Control for a PMSM Drive Using Adaptive RNN Uncertainty Observer <b>2012,</b>		1
12	The Hybrid RFNN Control for a PMSM Drive Electric Scooter Using Rotor Flux Estimator. <i>Advances in Fuzzy Systems</i> , <b>2012</b> , 2012, 1-11	1.7	3
11	Adaptive backstepping control for a PMSM drive using RFNN uncertainty observer <b>2011,</b>		3
10	Hybrid Recurrent Fuzzy Neural Network Control for Permanent Magnet Synchronous Motor Applied in Electric Scooter <b>2010,</b>		7
9	Hybrid recurrent fuzzy neural network control for permanent magnet synchronous motor applied in electric scooter <b>2010,</b>		1
8	Fuzzy neural network control for a permanent magnet synchronous motor drive system <b>2009,</b>		4
7	Adaptive backstepping FNN control for a permanent magnet synchronous motor drive <b>2009,</b>		4
6	An Adaptive FNN Control for Torque-Ripple Reduction of SR Motor Drive <b>2007,</b>		1
5	Adaptive Backstepping Control for Synchronous Reluctance Motor Drive Using RNN Uncertainty Observer <b>2007,</b>		1
4	Robust H/sub /spl infin// controller design with recurrent neural network for linear synchronous motor drive. <i>IEEE Transactions on Industrial Electronics</i> , <b>2003</b> , 50, 456-470	8.9	62
3	Self-constructing fuzzy neural network speed controller for permanent-magnet synchronous motor drive. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2001</b> , 9, 751-759	8.3	159
2	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , <b>2001</b> , 37, 655-670	3.7	23
1	Torque-ripple reduction in switched reluctance motor drive using SHRFNN control		1