

Wei Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,068
citations

361388

20
h-index

434170

31
g-index

68
all docs

68
docs citations

68
times ranked

1040
citing authors

#	ARTICLE	IF	CITATIONS
1	Parkinson's disease classification using gait analysis via deterministic learning. <i>Neuroscience Letters</i> , 2016, 633, 268-278.	2.1	89
2	Classification of neurodegenerative diseases using gait dynamics via deterministic learning. <i>Information Sciences</i> , 2015, 317, 246-258.	6.9	77
3	Learning from adaptive neural network control of an underactuated rigid spacecraft. <i>Neurocomputing</i> , 2015, 168, 690-697.	5.9	76
4	Silhouette-based gait recognition via deterministic learning. <i>Pattern Recognition</i> , 2014, 47, 3568-3584.	8.1	66
5	Fusion of spatial-temporal and kinematic features for gait recognition with deterministic learning. <i>Pattern Recognition</i> , 2017, 67, 186-200.	8.1	56
6	Human gait recognition via deterministic learning. <i>Neural Networks</i> , 2012, 35, 92-102.	5.9	43
7	Classification of gait patterns between patients with Parkinson's disease and healthy controls using phase space reconstruction (PSR), empirical mode decomposition (EMD) and neural networks. <i>Neural Networks</i> , 2019, 111, 64-76.	5.9	43
8	Model-Based Human Gait Recognition Via Deterministic Learning. <i>Cognitive Computation</i> , 2014, 6, 218-229.	5.2	42
9	Hand gesture recognition using Leap Motion via deterministic learning. <i>Multimedia Tools and Applications</i> , 2018, 77, 28185-28206.	3.9	38
10	Learning from adaptive neural network output feedback control of a unicycle-type mobile robot. <i>ISA Transactions</i> , 2016, 61, 337-347.	5.7	34
11	Distributed model reference adaptive containment control of heterogeneous uncertain multi-agent systems. <i>ISA Transactions</i> , 2019, 86, 73-86.	5.7	32
12	Classification of myocardial infarction based on hybrid feature extraction and artificial intelligence tools by adopting tunable-Q wavelet transform (TQWT), variational mode decomposition (VMD) and neural networks. <i>Artificial Intelligence in Medicine</i> , 2020, 106, 101848.	6.5	29
13	View-invariant gait recognition via deterministic learning. <i>Neurocomputing</i> , 2016, 175, 324-335.	5.9	28
14	Classification of focal and non focal EEG signals using empirical mode decomposition (EMD), phase space reconstruction (PSR) and neural networks. <i>Artificial Intelligence Review</i> , 2019, 52, 625-647.	15.7	28
15	Kinect-based hand gesture recognition using trajectory information, hand motion dynamics and neural networks. <i>Artificial Intelligence Review</i> , 2019, 52, 563-583.	15.7	27
16	Identification of epileptic seizures in EEG signals using time-scale decomposition (ITD), discrete wavelet transform (DWT), phase space reconstruction (PSR) and neural networks. <i>Artificial Intelligence Review</i> , 2020, 53, 3059-3088.	15.7	27
17	A new approach for the detection of abnormal heart sound signals using TQWT, VMD and neural networks. <i>Artificial Intelligence Review</i> , 2021, 54, 1613-1647.	15.7	27
18	Gait recognition across different walking speeds via deterministic learning. <i>Neurocomputing</i> , 2015, 152, 139-150.	5.9	22

#	ARTICLE	IF	CITATIONS
19	Cooperative deterministic learning control for a group of homogeneous nonlinear uncertain robot manipulators. Science China Information Sciences, 2018, 61, 1.	4.3	20
20	Output containment control of heterogeneous multi-agent systems with leaders of bounded inputs: An adaptive finite-time observer approach. Journal of the Franklin Institute, 2019, 356, 3419-3442.	3.4	20
21	Learning from NN output feedback control of robot manipulators. Neurocomputing, 2014, 125, 172-182.	5.9	18
22	H output containment control of heterogeneous multi-agent systems via distributed dynamic output feedback. Journal of the Franklin Institute, 2018, 355, 5058-5081.	3.4	17
23	A novel technique for the detection of myocardial dysfunction using ECG signals based on hybrid signal processing and neural networks. Soft Computing, 2021, 25, 4571-4595.	3.6	15
24	Hand gesture recognition using kinect via deterministic learning. , 2017, , .		11
25	Detection of heart valve disorders from PCG signals using TQWT, FA-MVEMD, Shannon energy envelope and deterministic learning. Artificial Intelligence Review, 2021, 54, 6063-6100.	15.7	11
26	Small fault detection from discrete-time closed-loop control using fault dynamics residuals. Neurocomputing, 2019, 365, 239-248.	5.9	10
27	Detecting the presence of anterior cruciate ligament injury based on gait dynamics disparity and neural networks. Artificial Intelligence Review, 2020, 53, 3153-3176.	15.7	10
28	Composite adaptive NN learning and control for discrete-time nonlinear uncertain systems in normal form. Neurocomputing, 2020, 390, 168-184.	5.9	10
29	Classification of asymptomatic and osteoarthritic knee gait patterns using gait analysis via deterministic learning. Artificial Intelligence Review, 2019, 52, 449-467.	15.7	9
30	View-invariant gait recognition via deterministic learning. , 2014, , .		8
31	Composite cooperative synchronization and decentralized learning of multi-robot manipulators with heterogeneous nonlinear uncertain dynamics. Journal of the Franklin Institute, 2019, 356, 5049-5072.	3.4	8
32	Similar Fault Isolation of Discrete-Time Nonlinear Uncertain Systems: An Adaptive Threshold Based Approach. IEEE Access, 2020, 8, 80755-80770.	4.2	8
33	ECG arrhythmia classification based on variational mode decomposition, Shannon energy envelope and deterministic learning. International Journal of Machine Learning and Cybernetics, 2021, 12, 2963-2988.	3.6	8
34	Fault Detection of a Class of Nonlinear Uncertain Parabolic PDE Systems. , 2021, 5, 1459-1464.		8
35	Hand gesture recognition of Arabic numbers using leap motion via deterministic learning. , 2017, , .		7
36	Accelerometer-based gait recognition via deterministic learning. , 2018, , .		7

#	ARTICLE	IF	CITATIONS
37	Modeling and classification of gait patterns between anterior cruciate ligament deficient and intact knees based on phase space reconstruction, Euclidean distance and neural networks. BioMedical Engineering OnLine, 2018, 17, 165.	2.7	7
38	Classification of gait patterns in patients with unilateral anterior cruciate ligament deficiency based on phase space reconstruction, Euclidean distance and neural networks. Soft Computing, 2020, 24, 1851-1868.	3.6	7
39	Composite Consensus Control and Cooperative Adaptive Learning. , 2018, , .		6
40	Classification of Gait Patterns Using Kinematic and Kinetic Features, Gait Dynamics and Neural Networks in Patients with Unilateral Anterior Cruciate Ligament Deficiency. Neural Processing Letters, 2019, 50, 887-909.	3.2	6
41	Detecting the presence of anterior cruciate ligament deficiency based on a double pendulum model, intrinsic time-scale decomposition (ITD) and neural networks. Artificial Intelligence Review, 2020, 53, 3231-3253.	15.7	6
42	Automatic detection of heart valve disorders using Teagerâ€™Kaiser energy operator, rational-dilation wavelet transform and convolutional neural networks with PCG signals. Artificial Intelligence Review, 2023, 56, 781-806.	15.7	6
43	A new Kinect-based frontal view gait recognition method via deterministic learning. , 2016, , .		5
44	Recognizing knee pathologies by using gait dynamics via kernel principal component analysis and deterministic learning theory. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 15535-15543.	4.9	5
45	Learning from NN output feedback control of nonlinear systems in Brunovsky canonical form. Journal of Control Theory and Applications, 2013, 11, 156-164.	0.8	4
46	Topology identification and dynamical pattern recognition for Hindmarshâ€™Rose neuron model via deterministic learning. Cognitive Neurodynamics, 2023, 17, 203-220.	4.0	4
47	Trajectory-Based Hand Gesture Recognition Using Kinect via Deterministic Learning. , 2018, , .		3
48	Intelligent adaptive learning and control for discrete-time nonlinear uncertain systems in multiple environments. Neurocomputing, 2021, 462, 31-45.	5.9	3
49	Modeling and detection of spike-type stall in axial compressors via deterministic learning theory. , 2016, , .		2
50	Cooperative Exact State Estimation of Linear Multi-Agent Systems with Heterogeneous Bounded Disturbances. , 2019, , .		2
51	A new gait recognition method using kinect via deterministic learning. , 2016, , .		1
52	Classification of gait patterns of anterior cruciate ligament deficient knees using gait analysis via deterministic learning. , 2017, , .		1
53	UGV Direction Control by Human Arm Gesture Recognition via Deterministic Learning. , 2019, , .		1
54	Cooperative Adaptive Learning Control for a Group of Nonholonomic UGVs by Output Feedback. , 0, , .		1

#	ARTICLE	IF	CITATIONS
55	A new learning and classification framework for the detection of abnormal heart sound signals using hybrid signal processing and neural networks. , 2020, , .		1
56	Fault Detection of A Class of Nonlinear Uncertain Parabolic PDE Systems. , 2021, , .		1
57	Classification between Focal and Non Focal EEG Signals Based on Signal Processing and Neural Networks. , 2019, , .		1
58	Adaptive NN-Based Reference-Tracking Control of Uncertain Nonlinear Parabolic PDE Systems. , 2021, , .		1
59	Dynamic vision via deterministic learning. , 2010, , .		0
60	Labview-based human gait recognition system design via deterministic learning. , 2012, , .		0
61	Control of an underactuated rigid spacecraft via deterministic learning. , 2014, , .		0
62	Temporal consistency object tracker with ranking mechanism. , 2015, , .		0
63	Deterministic learning for human gait recognition. , 2016, , .		0
64	\mathcal{H}_∞ Output Containment Control of Heterogeneous Continuous-Time Multi-Agent Systems. , 2018, , .		0
65	Hybrid control of switched LFT uncertain systems with time-varying input delays. International Journal of Control, 0, , 1-12.	1.9	0
66	The impact of feature extraction and selection for the classification of gait patterns between ACL deficient and intact knees based on different classification models. Eurasip Journal on Advances in Signal Processing, 2021, 2021, .	1.7	0