

# Changle Zhou

## List of Publications by Year in descending order

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121  
papers

848  
citations

687363

13  
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642732

23  
g-index

124  
all docs

124  
docs citations

124  
times ranked

828  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Developmental Evolutionary Learning Framework for Robotic Chinese Stroke Writing. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 1155-1169.	3.8	1
2	An EEG Classification-Based Method for Single-Trial N170 Latency Detection and Estimation. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-13.	1.3	3
3	Research of the Distribution of Tongue Features of Diabetic Population Based on Unsupervised Learning Technology. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-14.	1.2	1
4	Establishment of noninvasive diabetes risk prediction model based on tongue features and machine learning techniques. International Journal of Medical Informatics, 2021, 149, 104429.	3.3	44
5	The probabilistic support Kendall correlation and its transitivity properties. Communications in Statistics - Theory and Methods, 2020, 49, 485-499.	1.0	1
6	Monitoring time-varying residential load operation modes: an efficient signal disaggregation approach. IEEE Transactions on Electrical and Electronic Engineering, 2019, 14, 85-96.	1.4	1
7	A Robotic Writing Framework "Learning Human Aesthetic Preferences via Human" Machine Interactions. IEEE Access, 2019, 7, 144043-144053.	4.2	6
8	An SSVEP Recognition Method by Combining Individual Template with CCA. , 2019, , .		7
9	A Hybrid System for Distinguishing between Brain Death and Coma Using Diverse EEG Features. Sensors, 2019, 19, 1342.	3.8	8
10	Precise segmentation of densely interweaving neuron clusters using G-Cut. Nature Communications, 2019, 10, 1549.	12.8	28
11	An Improved Fuzzy Brain Emotional Learning Model Network Controller for Humanoid Robots. Frontiers in Neurorobotics, 2019, 13, 2.	2.8	23
12	Feature extraction and calibration of EEG signals in sitting and walking meditation. , 2019, , .		2
13	Robotic Chinese Calligraphy with Human Preference. , 2019, , .		3
14	Idle-State Detection in Multi-user Motor Imagery Brain Computer Interface with Cross-Brain CSP and Hyper-Brain-Network. , 2019, , .		2
15	Use of Automatic Chinese Character Decomposition and Human Gestures for Chinese Calligraphy Robots. IEEE Transactions on Human-Machine Systems, 2019, 49, 47-58.	3.5	22
16	Constructing and validating word similarity datasets by integrating methods from psychology, brain science and computational linguistics. Soft Computing, 2018, 22, 6967-6979.	3.6	1
17	Enhanced Robotic Hand "Eye Coordination Inspired From Human-Like Behavioral Patterns. IEEE Transactions on Cognitive and Developmental Systems, 2018, 10, 384-396.	3.8	10
18	Fuzzy cerebellar model articulation controller network optimization via self-adaptive global best harmony search algorithm. Soft Computing, 2018, 22, 3141-3153.	3.6	18

#	ARTICLE	IF	CITATIONS
19	Neural Mechanisms of Social Emotion Perception: An EEG Hyper-Scanning Study. , 2018, , .		8
20	Towards Deep Reinforcement Learning Based Chinese Calligraphy Robot. , 2018, , .		8
21	Towards a Robotic Chinese Calligraphy Writing Framework. , 2018, , .		5
22	Hyperconnectivity by Simultaneous EEG Recordings during Turn-taking. , 2018, , .		0
23	Generative Adversarial Nets in Robotic Chinese Calligraphy. , 2018, , .		23
24	Effect of Different Movement Speed Modes on Human Action Observation: An EEG Study. <i>Frontiers in Neuroscience</i> , 2018, 12, 219.	2.8	13
25	Asynchronous Introspection Theory: The Underpinnings of Phenomenal Consciousness in Temporal Illusion. <i>Minds and Machines</i> , 2017, 27, 315-330.	4.8	2
26	A Robust Noninvasive Eye Control Approach For Disabled People Based on Kinect 2.0 Sensor. , 2017, 1, 1-4.		7
27	A Developmental Learning Approach of Mobile Manipulator via Playing. <i>Frontiers in Neurorobotics</i> , 2017, 11, 53.	2.8	4
28	Towards Chinese Metaphor Comprehension Based on Attribute Statistic Analysis. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 207-217.	0.6	0
29	Autonomous Robotic Choreography Creation via Semi-interactive Evolutionary Computation. <i>International Journal of Social Robotics</i> , 2016, 8, 649-661.	4.6	14
30	A system for modeling robotic intellectual belief. , 2016, , .		0
31	A novel approach to a mobile robot via multiple human body postures. , 2016, , .		3
32	A reasoning system about knowledge extraction in human-computer interaction. , 2016, , .		1
33	Integration of classifier diversity measures for feature selection-based classifier ensemble reduction. <i>Soft Computing</i> , 2016, 20, 2995-3005.	3.6	10
34	An NP-complete fragment of fibring logic. <i>Annals of Mathematics and Artificial Intelligence</i> , 2015, 75, 391-417.	1.3	6
35	The esthetic preference of Chinese typefaces “ An event-related potential study. <i>Brain Research</i> , 2015, 1598, 57-65.	2.2	19
36	Robotic Dance in Social Robotics”A Taxonomy. <i>IEEE Transactions on Human-Machine Systems</i> , 2015, 45, 281-293.	3.5	36

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37	License plate recognition based on intrinsic image decomposition algorithm. , 2014, , .		2
38	Improving machine vision via incorporating expectation-maximization into Deep Spatio-Temporal learning. , 2014, , .		14
39	A reduced classifier ensemble approach to human gesture classification for robotic Chinese handwriting. , 2014, , .		12
40	A semi-supervised learning system for service robots to recognise human actions. Advanced Robotics, 2014, 28, 907-918.	1.8	1
41	An accelerated image-reconstruction algorithm based on fusion of color and codeword. , 2014, , .		0
42	A human-like learning approach to developmental robotic reaching. , 2013, , .		2
43	Time-course of perceptual processing of "hole" and "no-hole" figures: An ERP study. Neuroscience Bulletin, 2013, 29, 47-57.	2.9	0
44	OpenPsi: A novel computational affective model and its application in video games. Engineering Applications of Artificial Intelligence, 2013, 26, 1-12.	8.1	17
45	A novel single-trial event-related potential estimation method based on compressed sensing. Neuroscience Bulletin, 2013, 29, 788-797.	2.9	6
46	A connectionist model for 2-dimensional modal logic. , 2013, , .		4
47	A dorsal pathway guided visual attention model. , 2013, , .		0
48	Automated Extraction of Lexicon Applied both to Chinese and Japanese Corpora. , 2012, , .		0
49	An algorithm for computing attribute reducts based on graph search strategy. , 2012, , .		0
50	Graph theoretical analysis of EEG functional connectivity during music perception. Brain Research, 2012, 1483, 71-81.	2.2	53
51	A hybrid simulated annealing metaheuristic algorithm for the two-dimensional knapsack packing problem. Computers and Operations Research, 2012, 39, 64-73.	4.0	88
52	Dynamics of a computational affective model inspired by Dörner's PSI theory. Cognitive Systems Research, 2012, 17-18, 63-80.	2.7	6
53	A classification-based method to estimate event-related potentials from single trial EEG. Science China Life Sciences, 2012, 55, 57-67.	4.9	3
54	A Partially Connected Neural Evolutionary Network for Stock Price Index Forecasting. Lecture Notes in Computer Science, 2012, , 14-19.	1.3	1

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55	A Simplified-Traditional Chinese Character Conversion Model Based on Log-Linear Models. , 2011, , .		1
56	Particle swarm optimizer for variable weighting in clustering high-dimensional data. Machine Learning, 2011, 82, 43-70.	5.4	64
57	Outline Font Generating from Images of Ancient Chinese Calligraphy. Lecture Notes in Computer Science, 2011, , 122-131.	1.3	10
58	Face capture more attentional resource than No-face Object: An ERP study. , 2010, , .		1
59	Parallel hydrodynamic finite element model with an N-Best refining partition scheme. Chinese Journal of Oceanology and Limnology, 2010, 28, 1340-1349.	0.7	0
60	Automated composition system based on GA. , 2010, , .		2
61	Decomposition of reduced character of Chinese Guqin notation. , 2010, , .		0
62	Different masking effects on "hole" and "no-hole" figures. Journal of Vision, 2009, 9, 6-6.	0.3	7
63	A forecast model based on the BP neural network used in refinery's steel equipment's corrosion. , 2009, , .		2
64	Sci-MIDI toolbox for music research. , 2009, , .		2
65	Syndrome Differentiation in Intelligent TCM Diagnosis System. , 2009, , .		4
66	METAPHOR RECOGNITION: CHMETA, A PATTERN-BASED SYSTEM. Computational Intelligence, 2009, 25, 265-301.	3.2	2
67	A word alignment model based on multiobjective evolutionary algorithms. Computers and Mathematics With Applications, 2009, 57, 1724-1729.	2.7	2
68	Configural processing of different topologically structured figures: an ERP Study. Science in China Series C: Life Sciences, 2009, 52, 1198-1204.	1.3	1
69	Crossmodal effects of Guqin and piano music on selective attention: An event-related potential study. Neuroscience Letters, 2009, 466, 21-26.	2.1	7
70	The fundamental frequency estimation of Guqin timbre based on wavelet transform. , 2009, , .		0
71	Particle swarm optimizer for variable weighting in clustering high-dimensional data. , 2009, , .		0
72	Text Clustering via Particle Swarm Optimization. , 2009, , .		7

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73	Real-Time Eye Detection in Video Streams. , 2008, , .		14
74	The influence of Mozart's sonata K.448 on visual attention: An ERPs study. Neuroscience Letters, 2008, 434, 35-40.	2.1	15
75	Quantum associative memory that processes nonorthogonal patterns. , 2008, , .		0
76	Objective Classification Using Advanced Adaboost Algorithm. , 2008, , .		6
77	A chunk-based reordering model for phrase-based SMT systems. , 2008, , .		1
78	Interpretation, Transformation and Model Checking of Semi-formal Diagram Notations. , 2008, , .		0
79	A Visual Attention Model for Dynamic Scenes Based on Two-Pathway Processing in Brain. , 2008, , .		0
80	Human Head Modeling Based on an Improved Generic Model. , 2008, , .		3
81	Incorporating syntax-based language models in phrase-based SMT models. , 2008, , .		0
82	Knowledge grid application in the digital TCM hospital system. , 2008, , .		0
83	Extension of Mean Shift vector with theoretical analysis and experiment. , 2008, , .		2
84	The Strength Mutation Evolutionary Algorithm and Its Application in Multi-object Optimization. , 2008, , .		0
85	A Hybrid Statistical Language Model Applied to the Domain Specific Information Retrieval. , 2008, , .		0
86	Time Series Prediction Based on Linear Regression and SVR. , 2007, , .		35
87	Domain-Specific Information Retrieval Based on Improved Language Model. , 2007, , .		3
88	An Intelligent TCM Diagnostic System Based on Intuitionistic Fuzzy Set. , 2007, , .		6
89	Diagnostic Rules Discovery with Hierarchical Clustering and Focusing Mechanism Based on Rough Sets Theory. , 2007, , .		1
90	Multipoint Organizational Evolutionary Algorithm for Globally Minimizing Functions of Many Variables. , 2007, , .		2

#	ARTICLE	IF	CITATIONS
91	Combination of Principal Component Analysis and Bayesian Network and its Application on Syndrome Classification for Chronic Gastritis in Traditional Chinese Medicine. , 2007, , .		1
92	Diagnosis in Traditional Chinese Medicine Using Artificial Neural Networks: State-of-the-art and Perspectives. , 2007, , .		4
93	An Approach to Syndrome Differentiation in Traditional Chinese Medicine based on Neural Network. , 2007, , .		5
94	An Embedded Tree Matching Algorithm based on Metaphorical Dependency Structure. , 2007, , .		2
95	A Logical Description of Metaphor Analysis. , 2007, , .		0
96	Translation Memory Sharing Models in XMCAT. , 2007, , .		0
97	Automatic Keyphrase Extraction from Chinese Books. , 2007, , .		1
98	A Multi-feature CBIR Method Using in the Traditional Chinese Medicine Tongue Diagnosis. , 2006, , .		8
99	Two Improved Algorithms for Multiple Sequence Alignment in a Remote Diagnose System for Colonic Cancer in Pervasive Environment. , 2006, , .		0
100	Research on Resolution of Chinese Presuppositions Oriented to Pervasive Computing System. , 2006, , .		0
101	Feature Extraction and XML Representation of Plant Leaf for Image Retrieval. Lecture Notes in Computer Science, 2006, , 127-131.	1.3	8
102	Improved Genetic Algorithm for Multiple Sequence Alignment Using Segment Profiles (GASP). Lecture Notes in Computer Science, 2006, , 388-395.	1.3	2
103	The PGNN for the Differentiation of Syndromes of the Kidney. , 2006, , 337-345.		0
104	Web document retrieval based on multi-agent. , 2005, , .		1
105	A New Hybrid Hmm/Ann Model for Speech Recognition. , 2005, , 223-230.		2
106	A Novel Method of Tongue Image Recognition. , 2005, , .		0
107	Leaf Image Retrieval Using a Shape Based Method. , 2005, , 711-719.		15
108	Performance Comparison of Language Models for Information Retrieval. , 2005, , 721-730.		2

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109	Content-Based Affective Image Classification and Retrieval Using Support Vector Machines. Lecture Notes in Computer Science, 2005, , 239-247.	1.3	18
110	Emotional Metaphors for Emotion Recognition in Chinese Text. Lecture Notes in Computer Science, 2005, , 319-325.	1.3	6
111	Research on Content-Based Text Retrieval and Collaborative Filtering in Hybrid Peer-to-Peer Networks. Lecture Notes in Computer Science, 2005, , 417-426.	1.3	2
112	Research on Mobile Agent Based Information Content-Sharing in Peer to Peer System. Lecture Notes in Computer Science, 2005, , 130-139.	1.3	0
113	Face recognition using feature combination and improved LDA. , 0, , .		1
114	The segmentation of the body of tongue based on the improved snake algorithm in traditional chinese medicine. , 0, , .		6
115	A novel combined fisherfaces framework. , 0, , .		1
116	A Biased Competition Model Based on Distributed Chaotic Neural Network. , 0, , .		0
117	Constraints for Automated Generating Chinese Metaphors. , 0, , .		1
118	Genetic Neural Network for Traditional Chinese Medicine. , 0, , .		0
119	A New Formula of Synaptic Plasticity Based on STDP and Its Implications. , 0, , .		0
120	Automatic Extraction of Chinese Terms. , 0, , .		2
121	Study on Knowledge Base Verification Based on Petri Nets. , 0, , .		8