

Jianfeng Hu

List of Publications by Year in descending order

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76
papers

1,031
citations

471371

17
h-index

477173

29
g-index

79
all docs

79
docs citations

79
times ranked

780
citing authors

#	ARTICLE	IF	CITATIONS
1	A hybrid model for EEG-based gender recognition. <i>Cognitive Neurodynamics</i> , 2019, 13, 541-554.	2.3	25
2	Effect of Zr additions on crystal structures and mechanical properties of binary W–Zr alloys: A first-principles study. <i>Journal of Materials Research</i> , 2019, 34, 290-300.	1.2	19
3	First-principles study the structures and mechanical properties of binary W-V alloys. <i>Physica B: Condensed Matter</i> , 2019, 552, 165-169.	1.3	17
4	Automated detection of driver fatigue based on EEG signals using gradient boosting decision tree model. <i>Cognitive Neurodynamics</i> , 2018, 12, 431-440.	2.3	93
5	An ab initio study on the effect of junctions on transport characteristics of nitrogen and aluminum mixed chain. <i>Chinese Journal of Physics</i> , 2018, 56, 659-664.	2.0	1
6	First-principles study the phase stability and mechanical properties of binary W-Mo alloys. <i>Fusion Engineering and Design</i> , 2018, 130, 56-61.	1.0	35
7	Application of a brain-computer interface for person authentication using EEG responses to photo stimuli. <i>Journal of Integrative Neuroscience</i> , 2018, 17, 113-124.	0.8	2
8	An approach to EEG-based gender recognition using entropy measurement methods. <i>Knowledge-Based Systems</i> , 2018, 140, 134-141.	4.0	39
9	Ensemble classifier for driver's fatigue detection based on a single EEG channel. <i>IET Intelligent Transport Systems</i> , 2018, 12, 1322-1328.	1.7	33
10	Effect of Hf additions on phase stability and mechanical properties of binary W-Hf alloys: A first-principles study. <i>Fusion Engineering and Design</i> , 2018, 137, 295-302.	1.0	12
11	Real-time eye tracking for the assessment of driver fatigue. <i>Healthcare Technology Letters</i> , 2018, 5, 54-58.	1.9	59
12	Driving Fatigue Detecting Based on EEG Signals of Forehead Area. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2017, 31, 1750011.	0.7	47
13	Developing and evaluating a mobile driver fatigue detection network based on electroencephalograph signals. <i>Healthcare Technology Letters</i> , 2017, 4, 34-38.	1.9	20
14	Comparison of different entropies as features for person authentication based on EEG signals. <i>IET Biometrics</i> , 2017, 6, 409-417.	1.6	25
15	Driver Fatigue Detection System Using Electroencephalography Signals Based on Combined Entropy Features. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 150.	1.3	80
16	Automated Detection of Driver Fatigue Based on AdaBoost Classifier with EEG Signals. <i>Frontiers in Computational Neuroscience</i> , 2017, 11, 72.	1.2	63
17	Comparison of Different Features and Classifiers for Driver Fatigue Detection Based on a Single EEG Channel. <i>Computational and Mathematical Methods in Medicine</i> , 2017, 2017, 1-9.	0.7	61
18	Driver fatigue detection through multiple entropy fusion analysis in an EEG-based system. <i>PLoS ONE</i> , 2017, 12, e0188756.	1.1	85

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19	Noise Robustness Analysis of Performance for EEG-Based Driver Fatigue Detection Using Different Entropy Feature Sets. <i>Entropy</i> , 2017, 19, 385.	1.1	21
20	EEG-Based Person Authentication Using a Fuzzy Entropy-Related Approach with Two Electrodes. <i>Entropy</i> , 2016, 18, 432.	1.1	58
21	EEG authentication system based on auto-regression coefficients. , 2016, , .		7
22	Multi-Feature Authentication System Based on Event Evoked Electroencephalogram. <i>Journal of Medical Imaging and Health Informatics</i> , 2015, 5, 862-870.	0.2	17
23	Information Granule Reduction and Cluster Based Partial Least Squares Applied in EEG Signals. <i>Applied Mechanics and Materials</i> , 2014, 496-500, 2256-2259.	0.2	0
24	Tolerance Information Granules Used in EEG Classification. <i>Applied Mechanics and Materials</i> , 2014, 496-500, 1979-1981.	0.2	0
25	Features Extraction Method of Motor Imagery EEG Based on Information Granules. <i>Applied Mechanics and Materials</i> , 2014, 496-500, 1982-1985.	0.2	2
26	Design of Identification System Based on BCI. <i>Applied Mechanics and Materials</i> , 2014, 496-500, 1975-1978.	0.2	0
27	Authentication System Using EEG Biometric for Smart Home. <i>Applied Mechanics and Materials</i> , 2013, 457-458, 1228-1231.	0.2	0
28	Practical Applications of Motor Imagery EEG Based on BP Neural Networks. <i>Applied Mechanics and Materials</i> , 2012, 263-266, 3374-3377.	0.2	0
29	The Game Theory Research for Human-Computer and Human-Human. , 2012, , .		0
30	Modeling Research on Decision-Making Strategies in Human-Computer and Human-Human Ultimatum Game. <i>Advances in Intelligent and Soft Computing</i> , 2012, , 1015-1021.	0.2	1
31	Survey of Job Happiness of College Students in Enterprise. <i>Advances in Intelligent and Soft Computing</i> , 2012, , 349-354.	0.2	0
32	A Probabilistic Computing Approach of Attack Graph-Based Nodes in Large-scale Network. <i>Procedia Environmental Sciences</i> , 2011, 10, 1364-1369.	1.3	0
33	Neuro-ethics: a research report from Chinese investigation. <i>Proceedings of SPIE</i> , 2011, , .	0.8	0
34	Study on Arithmetic Library of Signal Process Based on PDA. <i>Advanced Materials Research</i> , 2011, 282-283, 326-329.	0.3	3
35	A Research into "PRAMs" Mode of Orders Education. <i>Communications in Computer and Information Science</i> , 2011, , 226-231.	0.4	0
36	Research of key technology in game theory. , 2010, , .		6

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37	Comparison of Event-Related Potentials Between Conceptually Similar Chinese Words, English Words, and Pictures. <i>Cognitive Computation</i> , 2010, 2, 50-61.	3.6	2
38	Comparison of Different Classifiers for Biometric System Based on EEG Signals. , 2010, , .		8
39	Research of Drowsiness in Driving Based on EEG. , 2010, , .		6
40	Biometric System Based on EEG Signals by Feature Combination. , 2010, , .		10
41	Biometric System Based on EEG Signals: A Nonlinear Model Approach. , 2010, , .		4
42	Identification of Motor Imagery EEG Signal. , 2010, , .		9
43	Multifeature Analysis in Motor Imagery EEG Classification. , 2010, , .		1
44	Learning and Decision Making in Human During a Game of Matching Pennies. <i>International Journal of Digital Content Technology and Its Applications</i> , 2010, 4, 100-108.	0.1	3
45	Method of Individual Identification Based on Electroencephalogram Analysis. , 2009, , .		22
46	Nonlinear analysis for motor imagery EEG based kernel partial least squares. , 2009, , .		1
47	Comparison of event-related potentials between conceptually similar Chinese words and pictures. , 2009, , .		0
48	Research of EEG identification computing based on AR model. , 2009, , .		9
49	Research of computing in EEG password based on wavelet. , 2009, , .		4
50	Analysis of Individual Career Decision-Making Based on Partial Least-Squares Regression Model. , 2009, , .		2
51	A Linear Discrimination Method Used in Motor Imagery EEG Classification. , 2009, , .		9
52	New biometric approach based on motor imagery EEG signals. , 2009, , .		25
53	Multifeature biometric system based on EEG signals. , 2009, , .		11
54	Characteristics of Coupled Solitary Waves in Nerve Impulse Transmission with Dissipation. , 2009, , .		0

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55	Classification of Motor Imagery EEG Signals Based on Energy Entropy. , 2009, , .		19
56	Research of Welch Arithmetic and Wavelet Transforms for Person Identification of EEG. , 2009, , .		2
57	Design and application of brain-computer interface web browser based on VEP. , 2009, , .		5
58	Learning and decision making in human during a game of matching pennies. , 2009, , .		0
59	Phase Locking Analysis of Motor Imagery in Brain-Computer Interface. , 2008, , .		10
60	Computer Simulation of Adsorption Behavior of Active Carbon Pores. , 2008, , .		0
61	Research of Model-Based Code Automatic Generation of Management Systems. , 2008, , .		1
62	Application of Second-Order Blind Identification in Motor Imagery EEG Classification. , 2008, , .		5
63	Classification of Motor Imagery EEG Based on a Time-Frequency Analysis and Second-Order Blind Identification. , 2008, , .		3
64	Possible mechanism of flicking-induced short-term plasticity in retinal cone-LHC synapse: a computational study. <i>Biological Cybernetics</i> , 2004, 90, 360-7.	0.6	2
65	Models describing nonlinear interactions in graded neuron synapses. <i>Biological Cybernetics</i> , 2003, 88, 380-386.	0.6	2
66	A competitive model for spectral plasticity in the outer retina. <i>Neurocomputing</i> , 2003, 50, 407-418.	3.5	0
67	The feedforward component in depolarizing red responses of R/G horizontal cells in carp retina. <i>Visual Neuroscience</i> , 2000, 17, 919-924.	0.5	2
68	Stimulus pattern related plasticity of synapses between cones and horizontal cells in carp retina. <i>Brain Research</i> , 2000, 857, 321-326.	1.1	11
69	A Career Decision-Making Study Based on Value Engineering. <i>Key Engineering Materials</i> , 0, 426-427, 664-667.	0.4	1
70	A Study on Group Counseling Effect Estimated by Sociometry and Attributional Style Questionnaire. <i>Applied Mechanics and Materials</i> , 0, 66-68, 489-493.	0.2	0
71	The Propagation Properties of the Vector Dark Soliton. <i>Advanced Materials Research</i> , 0, 301-303, 881-884.	0.3	0
72	Research on EEG Identification Computing Based on Photo Images. <i>Advanced Materials Research</i> , 0, 217-218, 1366-1371.	0.3	4

#	ARTICLE	IF	CITATIONS
73	A Research on the Enhancing Vocational College Students's Employment Stability by Orders Education Mode. Advanced Materials Research, 0, 271-273, 1219-1223.	0.3	0
74	Authentication System for Biometric Applications Using Mobile Devices. Applied Mechanics and Materials, 0, 457-458, 1224-1227.	0.2	0
75	EEG Feature Extraction Based on Wavelet Decomposition. Applied Mechanics and Materials, 0, 496-500, 2023-2026.	0.2	0
76	The Application of BCI Technology in Android RPG Game. Applied Mechanics and Materials, 0, 496-500, 2015-2018.	0.2	0