

# Erwei Yin

## List of Publications by Year in descending order

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57  
papers

2,011  
citations

279798

23  
h-index

276875

41  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visionâ€“Language Navigation With Beam-Constrained Global Normalization. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1352-1363.	11.3	3
2	A Tensor-Based Frequency Features Combination Method for Brainâ€“Computer Interfaces. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 465-475.	4.9	37
3	A Tensor-Based Frequency Features Combination Method for Brainâ€“Computer Interfaces. Communications in Computer and Information Science, 2022, , 511-526.	0.5	6
4	Evaluation of VR/AR Visual Comfort Based on Color Perception. Lecture Notes in Networks and Systems, 2021, , 108-119.	0.7	1
5	Data Augmentation: Using Channel-Level Recombination to Improve Classification Performance for Motor Imagery EEG. Frontiers in Human Neuroscience, 2021, 15, 645952.	2.0	37
6	Asynchronous Robotic Arm System Based on Augmented Reality and SSVEP-based BCI. , 2021, , .		0
7	Enhancement for P300-speller classification using multi-window discriminative canonical pattern matching. Journal of Neural Engineering, 2021, 18, 046079.	3.5	16
8	Adaptive asynchronous control system of robotic arm based on augmented reality-assisted brainâ€“computer interface. Journal of Neural Engineering, 2021, 18, 066005.	3.5	39
9	An ERP-based BCI with peripheral stimuli: validation with ALS patients. Cognitive Neurodynamics, 2020, 14, 21-33.	4.0	27
10	Novel hybrid brainâ€“computer interface system based on motor imagery and P300. Cognitive Neurodynamics, 2020, 14, 253-265.	4.0	27
11	Temporal Combination Pattern Optimization Based on Feature Selection Method for Motor Imagery BCIs. Frontiers in Human Neuroscience, 2020, 14, 231.	2.0	47
12	A self-paced BCI prototype system based on the incorporation of an intelligent environment-understanding approach for rehabilitation hospital environmental control. Computers in Biology and Medicine, 2020, 118, 103618.	7.0	17
13	Efficacy, Trainability, and Neuroplasticity of SMR vs. Alpha Rhythm Shooting Performance Neurofeedback Training. Frontiers in Human Neuroscience, 2020, 14, 94.	2.0	14
14	Emotion Recognition Measurement based on Physiological Signals. , 2020, , .		3
15	An Tactile ERP-Based Brainâ€“Computer Interface for Communication. International Journal of Human-Computer Interaction, 2019, 35, 559-567.	4.8	8
16	Hierarchical feature fusion framework for frequency recognition in SSVEP-based BCIs. Neural Networks, 2019, 119, 1-9.	5.9	22
17	Simulation and 3D Visualization of Mission Scheduling for Imaging Satellites. Journal of Physics: Conference Series, 2019, 1288, 012038.	0.4	0
18	An Asynchronous Hybrid Spelling Approach Based on EEGâ€“EOG Signals for Chinese Character Input. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 1292-1302.	4.9	59

#	ARTICLE	IF	CITATIONS
19	Retinotopic and topographic analyses with gaze restriction for steady-state visual evoked potentials. <i>Scientific Reports</i> , 2019, 9, 4472.	3.3	13
20	A Novel Single-Character Visual BCI Paradigm With Multiple Active Cognitive Tasks. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 3119-3128.	4.2	8
21	A Novel Auditory-tactile P300-based BCI Paradigm. , 2019, , .		1
22	Towards a Hybrid BCI Gaming Paradigm Based on Motor Imagery and SSVEP. <i>International Journal of Human-Computer Interaction</i> , 2019, 35, 197-205.	4.8	54
23	Sparse Group Representation Model for Motor Imagery EEG Classification. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019, 23, 631-641.	6.3	140
24	Towards correlation-based time window selection method for motor imagery BCIs. <i>Neural Networks</i> , 2018, 102, 87-95.	5.9	127
25	An Asynchronous Control Paradigm Based on Sequential Motor Imagery and Its Application in Wheelchair Navigation. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 2367-2375.	4.9	47
26	Incorporation of dynamic stopping strategy into the high-speed SSVEP-based BCIs. <i>Journal of Neural Engineering</i> , 2018, 15, 046025.	3.5	59
27	Two-Stage Frequency Recognition Method Based on Correlated Component Analysis for SSVEP-Based BCI. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 1314-1323.	4.9	67
28	Correlated Component Analysis for Enhancing the Performance of SSVEP-Based Brain-Computer Interface. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 948-956.	4.9	74
29	Toward a Hybrid BCI: Self-Paced Operation of a P300-based Speller by Merging a Motor Imagery-Based "Brain Switch" into a P300 Spelling Approach. <i>International Journal of Human-Computer Interaction</i> , 2017, 33, 623-632.	4.8	16
30	Self-Paced Operation of a Wheelchair Based on a Hybrid Brain-Computer Interface Combining Motor Imagery and P300 Potential. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 2516-2526.	4.9	82
31	A mobile EEG system for practical applications. , 2017, , .		4
32	A synchronous robot control system based on the sEMG signals of human upper limb motions. , 2017, , .		1
33	Detect visual field using eye tracking and steady-state visual evoked potential. , 2017, , .		1
34	Towards an asynchronous robot control system using the sEMG signals of sequential upper limb movements. , 2017, , .		0
35	A Self-Paced Brain-Computer Interface Speller by Combining Motor Imagery and P300 Potential. , 2016, , .		8
36	Improving bit rate in an auditory BCI: Exploiting error-related potentials. <i>Brain-Computer Interfaces</i> , 2016, 3, 75-87.	1.8	23

#	ARTICLE	IF	CITATIONS
37	Performance of Virtual Stimulus Motion Based on the SSVEP-BCI. , 2016, , .		6
38	Toward brain-actuated car applications: Self-paced control with a motor imagery-based brain-computer interface. Computers in Biology and Medicine, 2016, 77, 148-155.	7.0	40
39	A P300-Based Brain-Computer Interface for Chinese Character Input. International Journal of Human-Computer Interaction, 2016, 32, 878-884.	4.8	10
40	Partially supervised P300 speller adaptation for eventual stimulus timing optimization: target confidence is superior to error-related potential score as an uncertain label. Journal of Neural Engineering, 2016, 13, 026008.	3.5	18
41	An Auditory-Tactile Visual Saccade-Independent P300 Brain-Computer Interface. International Journal of Neural Systems, 2016, 26, 1650001.	5.2	83
42	Adding Real-Time Bayesian Ranks to Error-Related Potential Scores Improves Error Detection and Auto-Correction in a P300 Speller. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 46-56.	4.9	35
43	A Hybrid Brain-Computer Interface Based on the Fusion of P300 and SSVEP Scores. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2015, 23, 693-701.	4.9	148
44	A novel Morse code-inspired method for multiclass motor imagery brain-computer interface (BCI) design. Computers in Biology and Medicine, 2015, 66, 11-19.	7.0	28
45	A Dynamically Optimized SSVEP Brain-Computer Interface (BCI) Speller. IEEE Transactions on Biomedical Engineering, 2015, 62, 1447-1456.	4.2	194
46	Wireless platform for real-time Electrocardiography (ECG) recording and analysis. , 2015, , 313-318.		0
47	Hybrid Brain-Computer Interface (BCI) based on the EEG and EOG signals. Bio-Medical Materials and Engineering, 2014, 24, 2919-2925.	0.6	18
48	A novel task-oriented optimal design for P300-based brain-computer interfaces. Journal of Neural Engineering, 2014, 11, 056003.	3.5	37
49	A Speedy Hybrid BCI Spelling Approach Combining P300 and SSVEP. IEEE Transactions on Biomedical Engineering, 2014, 61, 473-483.	4.2	120
50	A novel hybrid BCI speller based on the incorporation of SSVEP into the P300 paradigm. Journal of Neural Engineering, 2013, 10, 026012.	3.5	172
51	Balancing an Inverted Pendulum with an EEG-Based BCI. , 2013, , .		2
52	A Subarea-Location Joint Spelling Paradigm for the BCI Control. Lecture Notes in Computer Science, 2013, , 368-375.	1.3	3
53	A Novel Multi-class Brain-Computer Interface (BCI) Paradigm Based on Motor Imagery Sequential Coding (MISC) Protocol. Lecture Notes in Computer Science, 2013, , 295-302.	1.3	0
54	Research on the Optimization Method of Virtual Enterprise's Task Scheduling Problems in Aluminum Industry. Modern Applied Science, 2011, 5, .	0.6	0

#	ARTICLE	IF	CITATIONS
55	Researches on modeling and intelligent optimization method of scheduling for the process of alumina ore-burden energy saving oriented. , 2010, , .		0
56	Research on the scheduling system in aluminum industry based on Multi-agent. , 2010, , .		0
57	Researches on optimal scheduling for aluminum industry continuous casting and rolling production. , 2010, , .		3