

# Shouyi Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/653751/publications.pdf>

Version: 2024-02-01

52  
papers

899  
citations

516710

16  
h-index

501196

28  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1023  
citing authors

#	ARTICLE	IF	CITATIONS
1	Emotion Recognition and EEG Analysis Using ADMM-Based Sparse Group Lasso. <i>IEEE Transactions on Affective Computing</i> , 2022, 13, 199-210.	8.3	8
2	Wind farm layout optimization using adaptive evolutionary algorithm with Monte Carlo Tree Search reinforcement learning. <i>Energy Conversion and Management</i> , 2022, 252, 115047.	9.2	29
3	Multitask Learning Radiomics on Longitudinal Imaging to Predict Survival Outcomes following Risk-Adaptive Chemoradiation for Non-Small Cell Lung Cancer. <i>Cancers</i> , 2022, 14, 1228.	3.7	20
4	Sparse group selection and analysis of <scp>functionâ€related</scp> residue for <scp>proteinâ€state</scp> recognition. <i>Journal of Computational Chemistry</i> , 2022, 43, 1342-1354.	3.3	0
5	An Adaptive Pattern Learning Framework to Personalize Online Seizure Prediction. <i>IEEE Transactions on Big Data</i> , 2021, 7, 819-831.	6.1	16
6	Profiling of contemporary beer styles using liquid chromatography quadrupole time-of-flight mass spectrometry, multivariate analysis, and machine learning techniques. <i>Analytica Chimica Acta</i> , 2021, 1172, 338668.	5.4	6
7	Oxidative Stress and Enantioselective Degradation of Dufulin on Tubifex. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 2136-2146.	4.3	4
8	Sensitivity analysis of FDG PET tumor voxel cluster radiomics and dosimetry for predicting mid-chemoradiation regional response of locally advanced lung cancer. <i>Physics in Medicine and Biology</i> , 2020, 65, 205007.	3.0	7
9	Machine Learning Classification Model for Functional Binding Modes of TEM-1 Î²-Lactamase. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 47.	3.5	13
10	Probing Protein Allostery as a Residue-Specific Concept via Residue Response Maps. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 4691-4705.	5.4	17
11	Cost-effectiveness of patient-specific motion management strategy in lung cancer radiation therapy planning. <i>Engineering Economist</i> , 2019, 64, 368-386.	1.1	0
12	Linear Programming for Multi-Agent Demand Response. <i>IEEE Access</i> , 2019, 7, 181479-181490.	4.2	5
13	Dissipation, residues, and risk assessment of imidacloprid in <i>Zizania latifolia</i> and purple sweet potato under field conditions using LC-MS/MS. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2019, 54, 89-97.	1.5	12
14	Simultaneous determination of residues of thiamethoxam and its metabolite clothianidin in tobacco leaf and soil using liquid chromatographyâ€tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2018, 32, e4225.	1.7	8
15	Discriminative Spectral Pattern Analysis for Positive Margin Detection of Prostate Cancer Specimens using Light Reflectance Spectroscopy. <i>IEEE Transactions on Healthcare Systems Engineering</i> , 2018, 8, 144-154.	1.7	1
16	Dissipation, residues and risk assessment of spirotetramat and its four metabolites in citrus and soil under field conditions by LCâ€MS/MS. <i>Biomedical Chromatography</i> , 2018, 32, e4153.	1.7	20
17	Residue dynamics and risk assessment of dimethoate in sweet potato, purple flowering stalk, Chinese kale, celery, and soil. <i>Human and Ecological Risk Assessment (HERA)</i> , 2018, 24, 767-783.	3.4	6
18	Assessment of neonatal brain volume and growth at different postmenstrual ages by conventional MRI. <i>Medicine (United States)</i> , 2018, 97, e11633.	1.0	10

#	ARTICLE	IF	CITATIONS
19	Residues, dissipation kinetics, and dietary intake risk assessment of two fungicides in grape and soil. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 100, 72-79.	2.7	32
20	An fNIRS-Based Feature Learning and Classification Framework to Distinguish Hemodynamic Patterns in Children Who Stutter. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 1254-1263.	4.9	35
21	Estimating Latent Brain Sources with Low-Rank Representation and Graph Regularization. <i>Lecture Notes in Computer Science</i> , 2018, , 304-316.	1.3	4
22	Applied optimization and data mining. <i>Annals of Operations Research</i> , 2017, 249, 1-3.	4.1	8
23	Supervised Discriminative EEG Brain Source Imaging with Graph Regularization. <i>Lecture Notes in Computer Science</i> , 2017, , 495-504.	1.3	5
24	Stereoselective Bioaccumulation of Water and Soil-Associated Dufulin Enantiomers in <i>Tubifex</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 8569-8577.	5.2	6
25	Temporal dynamics of eye-tracking and EEG during reading and relevance decisions. <i>Journal of the Association for Information Science and Technology</i> , 2017, 68, 2299-2312.	2.9	37
26	Supervised EEG Source Imaging with Graph Regularization in Transformed Domain. <i>Lecture Notes in Computer Science</i> , 2017, , 59-71.	1.3	2
27	An Interactive Multisensing Framework for Personalized Human Robot Collaboration and Assistive Training Using Reinforcement Learning. , 2017, , .		8
28	Graph Regularized EEG Source Imaging with In-Class Consistency and Out-Class Discrimination. <i>IEEE Transactions on Big Data</i> , 2017, 3, 378-391.	6.1	20
29	EEG source imaging based on spatial and temporal graph structures. , 2017, , .		9
30	Peripheral blood microRNAs expression is associated with infant respiratory syncytial virus infection. <i>Oncotarget</i> , 2017, 8, 96627-96635.	1.8	23
31	Pattern Classification and Analysis of Memory Processing in Depression Using EEG Signals. <i>Lecture Notes in Computer Science</i> , 2016, , 124-137.	1.3	3
32	A Comprehensive Feature and Data Mining Study on Musician Memory Processing Using EEG Signals. <i>Lecture Notes in Computer Science</i> , 2016, , 138-148.	1.3	2
33	A Patient-Specific Model for Predicting Tibia Soft Tissue Insertions From Bony Outlines Using a Spatial Structure Supervised Learning Framework. <i>IEEE Transactions on Human-Machine Systems</i> , 2016, 46, 638-646.	3.5	3
34	An integrated feature ranking and selection framework for ADHD characterization. <i>Brain Informatics</i> , 2016, 3, 145-155.	3.0	11
35	Using Wireless EEG Signals to Assess Memory Workload in the $\alpha$ -Back Task. <i>IEEE Transactions on Human-Machine Systems</i> , 2016, 46, 424-435.	3.5	132
36	Prediction of Seizure Spread Network via Sparse Representations of Overcomplete Dictionaries. <i>Lecture Notes in Computer Science</i> , 2016, , 262-273.	1.3	6

#	ARTICLE	IF	CITATIONS
37	A Novel Mutual-Information-Guided Sparse Feature Selection Approach for Epilepsy Diagnosis Using Interictal EEG Signals. Lecture Notes in Computer Science, 2016, , 274-284.	1.3	1
38	Online Prediction of Driver Distraction Based on Brain Activity Patterns. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 136-150.	8.0	64
39	Genetic dissection of interaction between wheat protein and starch using three mapping populations. Molecular Breeding, 2015, 35, 1.	2.1	24
40	Genetic dissection on wheat flour quality traits in two related populations. Euphytica, 2015, 203, 221-235.	1.2	31
41	Respiratory syncytial virus nonstructural proteins 1 and 2 are crucial pathogenic factors that modulate interferon signaling and Treg cell distribution in mice. Virology, 2015, 485, 223-232.	2.4	18
42	Respiratory trace feature analysis for the prediction of respiratory-gated PET quantification. Physics in Medicine and Biology, 2014, 59, 1027-1045.	3.0	14
43	A gradient-based adaptive learning framework for online seizure prediction. International Journal of Data Mining and Bioinformatics, 2014, 10, 49.	0.1	2
44	Genetic dissection reveals effects of interaction between high-molecular-weight glutenin subunits and waxy alleles on dough-mixing properties in common wheat. Journal of Genetics, 2013, 92, 69-79.	0.7	2
45	Online Seizure Prediction Using an Adaptive Learning Approach. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 2854-2866.	5.7	60
46	Machine Learning Algorithms in Bipedal Robot Control. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 728-743.	2.9	66
47	Pattern- and Network-Based Classification Techniques for Multichannel Medical Data Signals to Improve Brain Diagnosis. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2011, 41, 977-988.	2.9	41
48	Early Detection of Numerical Typing Errors Using Data Mining Techniques. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2011, 41, 1199-1212.	2.9	19
49	A novel reinforcement learning framework for online adaptive seizure prediction. , 2010, , .		15
50	Preliminary studies on construction of urban energy organic networks system. , 2009, , .		0
51	Integration of Digital Information Building. , 2008, , .		0
52	Reinforcement Learning Control for Biped Robot Walking on Uneven Surfaces. , 2006, , .		9