

Guofa Shou

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

614
citations

623734

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23
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49
all docs

49
docs citations

49
times ranked

619
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain-wide neural co-activations in resting human. <i>NeuroImage</i> , 2022, 260, 119461.	4.2	3
2	Brain network effects by continuous theta burst stimulation in mal de d'Arque syndrome: simultaneous EEG and fMRI study. <i>Journal of Neural Engineering</i> , 2021, 18, 066025.	3.5	2
3	Whole-brain electrophysiological functional connectivity dynamics in resting-state EEG. <i>Journal of Neural Engineering</i> , 2020, 17, 026016.	3.5	10
4	Reconstructing Cortical Intrinsic Connectivity Networks Using a Regression Method Combining EEG Data from Sensor and Source Levels. , 2019, 2019, 1698-1701.		2
5	Multimodal Imaging of Repetitive Transcranial Magnetic Stimulation Effect on Brain Network: A Combined Electroencephalogram and Functional Magnetic Resonance Imaging Study. <i>Brain Connectivity</i> , 2019, 9, 311-321.	1.7	15
6	Resting-state Gamma-band EEG Abnormalities in Autism. , 2018, 2018, 1915-1918.		10
7	Effect of Body Positions on EEG signals in Mal de Debarquement Syndrome. , 2018, 2018, 1931-1934.		2
8	Cortical Statistical Correlation Tomography of EEG Resting State Networks. <i>Frontiers in Neuroscience</i> , 2018, 12, 365.	2.8	12
9	Electrophysiological Signatures of Intrinsic Functional Connectivity Related to rTMS Treatment for Mal de Debarquement Syndrome. <i>Brain Topography</i> , 2018, 31, 1047-1058.	1.8	15
10	Electrophysiological signatures of atypical intrinsic brain connectivity networks in autism. <i>Journal of Neural Engineering</i> , 2017, 14, 046010.	3.5	25
11	Resting State Functional Connectivity Signature of Treatment Effects of Repetitive Transcranial Magnetic Stimulation in Mal de Debarquement Syndrome. <i>Brain Connectivity</i> , 2017, 7, 617-626.	1.7	26
12	Assessing rTMS effects in MdDS: Cross-modal comparison between resting state EEG and fMRI connectivity. , 2017, 2017, 1950-1953.		4
13	A comparison study of nonlinear and linear metrics in probing intrinsic brain networks from EEG data. , 2017, , .		0
14	ICA-Derived EEG Correlates to Mental Fatigue, Effort, and Workload in a Realistically Simulated Air Traffic Control Task. <i>Frontiers in Neuroscience</i> , 2017, 11, 297.	2.8	51
15	Optimizing rTMS treatment of a balance disorder with EEG neural synchrony and functional connectivity. , 2016, 2016, 53-56.		5
16	EEG-based single-trial detection of errors from multiple error-related brain activity. , 2016, 2016, 2764-2767.		1
17	Monitoring Mental States of the Human Brain in Action: From Cognitive Test to Real-World Simulations. <i>Lecture Notes in Computer Science</i> , 2015, , 178-186.	1.3	0
18	Pre-stimulus alpha and post-stimulus N2 foreshadow imminent errors in a single task. <i>Neuropsychologia</i> , 2015, 77, 346-358.	1.6	5

#	ARTICLE	IF	CITATIONS
19	Detection of EEG Spatialâ€“Spectralâ€“Temporal Signatures of Errors: A Comparative Study of ICA-Based and Channel-Based Methods. <i>Brain Topography</i> , 2015, 28, 47-61.	1.8	26
20	Changes of symptom and EEG in mal de débarquement syndrome patients after repetitive transcranial magnetic stimulation over bilateral prefrontal cortex: A pilot study. , 2014, 2014, 4294-7.		10
21	Lasting Modulation Effects of rTMS on Neural Activity and Connectivity as Revealed by Resting-State EEG. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 2070-2080.	4.2	60
22	Investigation of independent components based EEG metrics for mental fatigue in simulated ATC task. , 2013, , .		4
23	Ongoing EEG oscillatory dynamics suggesting evolution of mental fatigue in a color-word matching stroop task. , 2013, , .		5
24	Frontal theta EEG dynamics in a real-world air traffic control task. , 2013, 2013, 5594-7.		9
25	A Hybrid Model of Maximum Margin Clustering Method and Support Vector Regression for Noninvasive Electrocardiographic Imaging. <i>Computational and Mathematical Methods in Medicine</i> , 2012, 2012, 1-9.	1.3	8
26	A Study of Mechanical Optimization Strategy for Cardiac Resynchronization Therapy Based on an Electromechanical Model. <i>Computational and Mathematical Methods in Medicine</i> , 2012, 2012, 1-13.	1.3	6
27	Probing neural activations from continuous EEG in a real-world task: Time-frequency independent component analysis. <i>Journal of Neuroscience Methods</i> , 2012, 209, 22-34.	2.5	43
28	Magnetocardiography Simulation Based on an Electrodynamic Heart Model. <i>IEEE Transactions on Magnetics</i> , 2011, 47, 2224-2230.	2.1	8
29	On epicardial potential reconstruction using regularization schemes with the L1-norm data term. <i>Physics in Medicine and Biology</i> , 2011, 56, 57-72.	3.0	26
30	Application of kernel principal component analysis and support vector regression for reconstruction of cardiac transmembrane potentials. <i>Physics in Medicine and Biology</i> , 2011, 56, 1727-1742.	3.0	13
31	MRI Coil Design Using Boundary-Element Method With Regularization Technique: A Numerical Calculation Study. <i>IEEE Transactions on Magnetics</i> , 2010, 46, 1052-1059.	2.1	43
32	A Finite-Difference Method for the Design of Biplanar Transverse Gradient Coil in MRI. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	1
33	Total Variation Regularization in Electrocardiographic Mapping. <i>Lecture Notes in Computer Science</i> , 2010, , 51-59.	1.3	13
34	Relation of Infarct Location and Size to Extent of Infarct Expansion After Acute Myocardial Infarction: A Quantitative Study Based on a Canine Model. <i>Lecture Notes in Computer Science</i> , 2010, , 316-324.	1.3	0
35	Choosing Near-Optimal Regularization Parameter for the Inverse Problem of Electrocardiography. , 2009, , .		1
36	Mechanical analysis of congestive heart failure caused by bundle branch block based on an electromechanical canine heart model. <i>Physics in Medicine and Biology</i> , 2009, 54, 353-371.	3.0	9

#	ARTICLE	IF	CITATIONS
37	Effect of Cardiac Motion on Solution of the Electrocardiography Inverse Problem. IEEE Transactions on Biomedical Engineering, 2009, 56, 923-931.	4.2	15
38	Solving the ECG Forward Problem by Means of Standard h- and h-Hierarchical Adaptive Linear Boundary Element Method: Comparison With Two Refinement Schemes. IEEE Transactions on Biomedical Engineering, 2009, 56, 1454-1464.	4.2	8
39	The application of subspace preconditioned LSQR algorithm for solving the electrocardiography inverse problem. Medical Engineering and Physics, 2009, 31, 979-985.	1.7	9
40	Truncated Total Least Squares: A New Regularization Method for the Solution of ECG Inverse Problems. IEEE Transactions on Biomedical Engineering, 2008, 55, 1327-1335.	4.2	53
41	The Use of Genetic Algorithms for Optimizing the Regularized Solutions of the Ill-Posed Problems. , 2008, , .		2
42	Two hybrid regularization frameworks for solving the electrocardiography inverse problem. Physics in Medicine and Biology, 2008, 53, 5151-5164.	3.0	14
43	Combination of the LSQR method and a genetic algorithm for solving the electrocardiography inverse problem. Physics in Medicine and Biology, 2007, 52, 1277-1294.	3.0	37
44	Solving the Electrocardiography Inverse Problem by Using an Optimal Algorithm Based on the Total Least Squares Theory. , 2007, , .		2
45	Combining Regularization Frameworks for Solving the Electrocardiography Inverse Problem. Communications in Computer and Information Science, 2007, , 1210-1219.	0.5	0
46	Noninvasive Electrocardiographic Imaging: Application of Hybrid Methods for Solving the Electrocardiography Inverse Problem. , 2007, , 269-279.		0
47	The Use of Genetic Algorithms for Solving the Inverse Problem of Electrocardiography. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0