

Duan Li

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,116
citations

516215

16
h-index

525886

27
g-index

29
all docs

29
docs citations

29
times ranked

1195
citing authors

#	ARTICLE	IF	CITATIONS
1	EEG entropy measures in anesthesia. <i>Frontiers in Computational Neuroscience</i> , 2015, 9, 16.	1.2	212
2	Multiscale permutation entropy analysis of EEG recordings during sevoflurane anesthesia. <i>Journal of Neural Engineering</i> , 2010, 7, 046010.	1.8	133
3	Differential Role of Prefrontal and Parietal Cortices in Controlling Level of Consciousness. <i>Current Biology</i> , 2018, 28, 2145-2152.e5.	1.8	113
4	Level of Consciousness Is Dissociable from Electroencephalographic Measures of Cortical Connectivity, Slow Oscillations, and Complexity. <i>Journal of Neuroscience</i> , 2020, 40, 605-618.	1.7	72
5	Cortical dynamics during psychedelic and anesthetized states induced by ketamine. <i>NeuroImage</i> , 2019, 196, 32-40.	2.1	66
6	Dynamic Cortical Connectivity during General Anesthesia in Healthy Volunteers. <i>Anesthesiology</i> , 2019, 130, 870-884.	1.3	54
7	Dynamic Cortical Connectivity during General Anesthesia in Surgical Patients. <i>Anesthesiology</i> , 2019, 130, 885-897.	1.3	54
8	Paradoxical Emergence. <i>Anesthesiology</i> , 2017, 126, 482-494.	1.3	47
9	Recovery of consciousness and cognition after general anesthesia in humans. <i>ELife</i> , 2021, 10, .	2.8	47
10	Differentiating Drug-related and State-related Effects of Dexmedetomidine and Propofol on the Electroencephalogram. <i>Anesthesiology</i> , 2018, 129, 22-36.	1.3	45
11	A comparison of different synchronization measures in electroencephalogram during propofol anesthesia. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 451-466.	0.7	33
12	Parameter selection in permutation entropy for an electroencephalographic measure of isoflurane anesthetic drug effect. <i>Journal of Clinical Monitoring and Computing</i> , 2013, 27, 113-123.	0.7	28
13	Effects of Volatile Anesthetic Agents on Cerebral Cortical Synchronization in Sheep. <i>Anesthesiology</i> , 2013, 119, 81-88.	1.3	28
14	Glutamatergic Neurons in the Preoptic Hypothalamus Promote Wakefulness, Destabilize NREM Sleep, Suppress REM Sleep, and Regulate Cortical Dynamics. <i>Journal of Neuroscience</i> , 2021, 41, 3462-3478.	1.7	27
15	Accelerated Recovery of Consciousness after General Anesthesia Is Associated with Increased Functional Brain Connectivity in the High-Gamma Bandwidth. <i>Frontiers in Systems Neuroscience</i> , 2017, 11, 16.	1.2	25
16	Constructing a Consciousness Meter Based on the Combination of Non-Linear Measurements and Genetic Algorithm-Based Support Vector Machine. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 399-408.	2.7	20
17	Alpha band frontal connectivity is a state-specific electroencephalographic correlate of unresponsiveness during exposure to dexmedetomidine and propofol. <i>British Journal of Anaesthesia</i> , 2020, 125, 518-528.	1.5	17
18	Theta-γ coupling reflects the interaction of bottom-up and top-down processes in speech perception in children. <i>NeuroImage</i> , 2014, 102, 637-645.	2.1	14

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19	A Comparison of Multiscale Permutation Entropy Measures in On-Line Depth of Anesthesia Monitoring. PLoS ONE, 2016, 11, e0164104.	1.1	14
20	Detection of Burst Suppression Patterns in EEG Using Recurrence Rate. Scientific World Journal, The, 2014, 2014, 1-11.	0.8	13
21	The effect of isoflurane anesthesia on the electroencephalogram assessed by harmonic wavelet bicoherence-based indices. Journal of Neural Engineering, 2011, 8, 056011.	1.8	12
22	State-Dependent and Bandwidth-Specific Effects of Ketamine and Propofol on Electroencephalographic Complexity in Rats. Frontiers in Systems Neuroscience, 2020, 14, 50.	1.2	11
23	Urethane anaesthesia exhibits neurophysiological correlates of unconsciousness and is distinct from sleep. European Journal of Neuroscience, 2024, 59, 483-501.	1.2	10
24	A DAQ-Device-Based Continuous Wave Near-Infrared Spectroscopy System for Measuring Human Functional Brain Activity. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-9.	0.7	7
25	Age-Related Changes in Cortical Connectivity During Surgical Anesthesia. Frontiers in Aging Neuroscience, 2019, 11, 371.	1.7	5
26	Neurophysiologic Complexity in Children Increases with Developmental Age and Is Reduced by General Anesthesia. Anesthesiology, 2021, 135, 813-828.	1.3	4
27	Constrained Functional Connectivity Dynamics in Pediatric Surgical Patients Undergoing General Anesthesia. Anesthesiology, 2022, 137, 28-40.	1.3	3
28	The Comodulation Measure of Neuronal Oscillations. , 2016, , 215-233.		2
29	Estimating Depth of Anesthesia with Sparsity Measure of EEG Data in Wavelet Domain. , 2009, , .		0