

# 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	Urethane anaesthesia exhibits neurophysiological correlates of unconsciousness and is distinct from sleep. <i>European Journal of Neuroscience</i> , 2024, 59, 483-501.	1.2	10
2	Constrained Functional Connectivity Dynamics in Pediatric Surgical Patients Undergoing General Anesthesia. <i>Anesthesiology</i> , 2022, 137, 28-40.	1.3	3
3	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
4	Recovery of consciousness and cognition after general anesthesia in humans. <i>ELife</i> , 2021, 10, .	2.8	47
5	Neurophysiologic Complexity in Children Increases with Developmental Age and Is Reduced by General Anesthesia. <i>Anesthesiology</i> , 2021, 135, 813-828.	1.3	4
6	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
7	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
8	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
9	State-Dependent and Bandwidth-Specific Effects of Ketamine and Propofol on Electroencephalographic Complexity in Rats. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 50.	1.2	11
10	Cortical dynamics during psychedelic and anesthetized states induced by ketamine. <i>NeuroImage</i> , 2019, 196, 32-40.	2.1	66
11	Dynamic Cortical Connectivity during General Anesthesia in Healthy Volunteers. <i>Anesthesiology</i> , 2019, 130, 870-884.	1.3	54
12	Dynamic Cortical Connectivity during General Anesthesia in Surgical Patients. <i>Anesthesiology</i> , 2019, 130, 885-897.	1.3	54
13	Age-Related Changes in Cortical Connectivity During Surgical Anesthesia. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 371.	1.7	5
14	Differentiating Drug-related and State-related Effects of Dexmedetomidine and Propofol on the Electroencephalogram. <i>Anesthesiology</i> , 2018, 129, 22-36.	1.3	45
15	Differential Role of Prefrontal and Parietal Cortices in Controlling Level of Consciousness. <i>Current Biology</i> , 2018, 28, 2145-2152.e5.	1.8	113
16	Paradoxical Emergence. <i>Anesthesiology</i> , 2017, 126, 482-494.	1.3	47
17	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
18	The Comodulation Measure of Neuronal Oscillations. , 2016, , 215-233.		2

#	ARTICLE	IF	CITATIONS
19	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
20	A Comparison of Multiscale Permutation Entropy Measures in On-Line Depth of Anesthesia Monitoring. <i>PLoS ONE</i> , 2016, 11, e0164104.	1.1	14
21	EEG entropy measures in anesthesia. <i>Frontiers in Computational Neuroscience</i> , 2015, 9, 16.	1.2	212
22	Detection of Burst Suppression Patterns in EEG Using Recurrence Rate. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	0.8	13
23	A DAQ-Device-Based Continuous Wave Near-Infrared Spectroscopy System for Measuring Human Functional Brain Activity. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-9.	0.7	7
24	Theta- $\gamma$ 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
25	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
26	Effects of Volatile Anesthetic Agents on Cerebral Cortical Synchronization in Sheep. <i>Anesthesiology</i> , 2013, 119, 81-88.	1.3	28
27	The effect of isoflurane anesthesia on the electroencephalogram assessed by harmonic wavelet bicoherence-based indices. <i>Journal of Neural Engineering</i> , 2011, 8, 056011.	1.8	12
28	Multiscale permutation entropy analysis of EEG recordings during sevoflurane anesthesia. <i>Journal of Neural Engineering</i> , 2010, 7, 046010.	1.8	133
29	Estimating Depth of Anesthesia with Sparsity Measure of EEG Data in Wavelet Domain. , 2009, , .		0