Xiang Zhang

List of Publications by Year
in descending order

11	55	1937685	2272923
papers	citations	4	4
		h-index	g-index

11	11	11	24
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hierarchical Dynamical Model for Multiple Cortical Neural Decoding. Neural Computation, 2021, 33, 1372-1401.	2.2	4
2	A Nonlinear Maximum Correntropy Information Filter for High-Dimensional Neural Decoding. Entropy, 2021, 23, 743.	2.2	5
3	Quantitative Modeling on Nonstationary Neural Spikes: From Reinforcement Learning to Point Process. , 2021, , 1-60.		1
4	Corrections to â€œTask Learning Over Multi-Day Recording via Internally Rewarded Reinforcement Learning Based Brain Machine Interfacesâ€. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 2776-2776.	4.9	0
5	Reinforcement Learning-based Kalman Filter for Adaptive Brain Control in Brain-Machine Interface. , 2021, 2021, 6619-6622.		1
6	Kernel Temporal Difference based Reinforcement Learning for Brain Machine Interfaces[*]. , 2021, 2021, 6721-6724.		1
7	Task Learning Over Multi-Day Recording via Internally Rewarded Reinforcement Learning Based Brain Machine Interfaces. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 3089-3099.	4.9	12
8	Decoding Reward Information from Local Field Potential and Spikes in Medial Prefrontal Cortex of Rats. , 2020, , .		2
9	Clustering Neural Patterns in Kernel Reinforcement Learning Assists Fast Brain Control in Brain-Machine Interfaces. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 1684-1694.	4.9	19
10	Modelling mPFC Activities in Reinforcement Learning Framework for Brain-Machine Interfaces. , 2019, , .		3
11	Decoding Transition between Kinematics Stages for Brain-Machine Interface. , 2019, , .		7