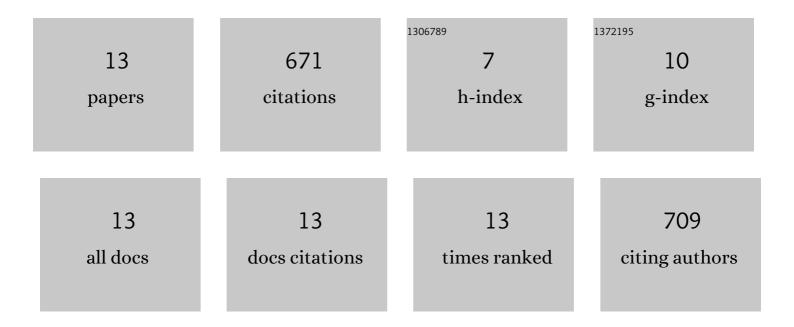
Sung-Phil Kim

List of Publications by Year in descending order

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SUNC-РНЦ КІМ

#	Article	IF	CITATIONS
1	Decoding Kinematic Information From Primary Motor Cortex Ensemble Activities Using a Deep Canonical Correlation Analysis. Frontiers in Neuroscience, 2020, 14, 509364.	1.4	4
2	Implantable Neural Probes for Brain-Machine Interfaces ? Current Developments and Future Prospects. Experimental Neurobiology, 2018, 27, 453-471.	0.7	45
3	A simulation study on the effects of neuronal ensemble properties on decoding algorithms for intracortical brain–machine interfaces. BioMedical Engineering OnLine, 2018, 17, 28.	1.3	2
4	A simulation study on decoding algorithms for brain-machine interfaces with the non-stationary neuronal ensemble activity. , 2016, , .		1
5	Neural Categorization of Vibrotactile Frequency in Flutter and Vibration Stimulations: An fMRI Study. IEEE Transactions on Haptics, 2016, 9, 455-464.	1.8	16
6	Distributed functions of detection and discrimination of vibrotactile stimuli in the hierarchical human somatosensory system. Frontiers in Human Neuroscience, 2014, 8, 1070.	1.0	24
7	Development of a simple MR-compatible vibrotactile stimulator using a planar-coil-type actuator. Behavior Research Methods, 2013, 45, 364-371.	2.3	17
8	Frequency-dependent patterns of somatosensory cortical responses to vibrotactile stimulation in humans: A fMRI study. Brain Research, 2013, 1504, 47-57.	1.1	43
9	Point-and-Click Cursor Control With an Intracortical Neural Interface System by Humans With Tetraplegia. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2011, 19, 193-203.	2.7	149
10	Neural control of computer cursor velocity by decoding motor cortical spiking activity in humans with tetraplegia. Journal of Neural Engineering, 2008, 5, 455-476.	1.8	342
11	Multi-state decoding of point-and-click control signals from motor cortical activity in a human with tetraplegia. , 2007, , .		24
12	Independently Coupled HMM Switching Classifier for a Bimodel Brain-Machine Interface. IEEE International Workshop on Machine Learning for Signal Processing, 2006, , .	0.0	2
13	Statistical Analysis of the Non-stationarity of Neural Population Codes. , 0, , .		2