

Junsuk Kim

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

436
citations

687363

13
h-index

713466

21
g-index

30
all docs

30
docs citations

30
times ranked

508
citing authors

#	ARTICLE	IF	CITATIONS
1	Human-Centered Design and Evaluation of Haptic Cueing for Teleoperation of Multiple Mobile Robots. IEEE Transactions on Cybernetics, 2013, 43, 597-609.	9.5	54
2	Frequency-dependent patterns of somatosensory cortical responses to vibrotactile stimulation in humans: A fMRI study. Brain Research, 2013, 1504, 47-57.	2.2	43
3	Diffusiophoretic exclusion of colloidal particles for continuous water purification. Lab on A Chip, 2018, 18, 1713-1724.	6.0	42
4	Non-Negligible Diffusio-Osmosis Inside an Ion Concentration Polarization Layer. Physical Review Letters, 2016, 116, 254501.	7.8	37
5	Abstract Representations of Associated Emotions in the Human Brain. Journal of Neuroscience, 2015, 35, 5655-5663.	3.6	36
6	Ion Concentration Polarization by Bifurcated Current Path. Scientific Reports, 2017, 7, 5091.	3.3	36
7	Distributed functions of detection and discrimination of vibrotactile stimuli in the hierarchical human somatosensory system. Frontiers in Human Neuroscience, 2014, 8, 1070.	2.0	24
8	Human Brain Activity Related to the Tactile Perception of Stickiness. Frontiers in Human Neuroscience, 2017, 11, 8.	2.0	22
9	Decoding Accuracy in Supplementary Motor Cortex Correlates with Perceptual Sensitivity to Tactile Roughness. PLoS ONE, 2015, 10, e0129777.	2.5	22
10	Neural Activity Patterns in the Human Brain Reflect Tactile Stickiness Perception. Frontiers in Human Neuroscience, 2017, 11, 445.	2.0	19
11	Neural Categorization of Vibrotactile Frequency in Flutter and Vibration Stimulations: An fMRI Study. IEEE Transactions on Haptics, 2016, 9, 455-464.	2.7	16
12	Shared neural representations of tactile roughness intensities by somatosensation and touch observation using an associative learning method. Scientific Reports, 2019, 9, 77.	3.3	16
13	Pseudo 1-D Micro/Nanofluidic Device for Exact Electrokinetic Responses. Langmuir, 2016, 32, 6478-6485.	3.5	15
14	A concentration-independent micro/nanofluidic active diode using an asymmetric ion concentration polarization layer. Nanoscale, 2017, 9, 11871-11880.	5.6	15
15	Decoding pressure stimulation locations on the fingers from human neural activation patterns. NeuroReport, 2016, 27, 1232-1236.	1.2	6
16	Decoding spatial location of perceived pain to acupuncture needle using multivoxel pattern analysis. Molecular Pain, 2019, 15, 174480691987706.	2.1	6
17	Surface Stickiness Perception by Auditory, Tactile, and Visual Cues. Frontiers in Psychology, 2019, 10, 2135.	2.1	6
18	Neural correlates of tactile hardness intensity perception during active grasping. PeerJ, 2021, 9, e11760.	2.0	4

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19	Measuring an operator's maneuverability performance in the haptic teleoperation of multiple robots. , 2011, , .		3
20	An evaluation of haptic cues on the tele-operator's perceptual awareness of multiple UAVs' environments. , 2011, , .		2
21	Cognitive and Emotional Aspects of Cupping Therapy. Brain Sciences, 2020, 10, 144.	2.3	2
22	Cortical Representation of Tactile Stickiness Evoked by Skin Contact and Glove Contact. Frontiers in Integrative Neuroscience, 2020, 14, 19.	2.1	2
23	Involvement of bilateral insula in brand extension evaluation: an fMRI study. Scientific Reports, 2021, 11, 3387.	3.3	2
24	Effects of Frontal Theta Rhythms in a Prior Resting State on the Subsequent Motor Imagery Brain-Computer Interface Performance. Frontiers in Neuroscience, 2021, 15, 663101.	2.8	2
25	A multi-voxel pattern analysis of neural representation of vibrotactile location. , 2013, , .		1
26	Decoding visual roughness perception: an fMRI study. Somatosensory & Motor Research, 2018, 35, 212-217.	0.9	1
27	Perception of surface stickiness in different sensory modalities: an functional MRI study. NeuroReport, 2020, 31, 411-415.	1.2	1
28	Maximum entropy inverse reinforcement learning in continuous state spaces with path integrals. , 2011, , .		1
29	Spatiotemporal Characteristics of Neural Dynamics in Theta Oscillations Related to the Inhibition of Habitual Behavior. Brain Sciences, 2021, 11, 368.	2.3	0
30	Touch the color change: Representation of color change using tactile grating patterns.. Psychology of Aesthetics, Creativity, and the Arts, 0, , .	1.3	0