

# Mi-Hyun Choi

## List of Publications by Year in descending order

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36  
papers

279  
citations

1163117

8  
h-index

940533

16  
g-index

36  
all docs

36  
docs citations

36  
times ranked

415  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of gender and age on anterior commissure volume. <i>Neuroscience Letters</i> , 2011, 500, 92-94.	2.1	54
2	Determination of Trace Metal Levels in the General Population of Korea. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 702.	2.6	41
3	Increase in brain activation due to sub-tasks during driving: fMRI study using new MR-compatible driving simulator. <i>Journal of Physiological Anthropology</i> , 2017, 36, 11.	2.6	22
4	Effects of three levels of arousal on 3-back working memory task performance. <i>Cognitive Neuroscience</i> , 2013, 4, 1-6.	1.4	18
5	Evaluation of the possibility and response characteristics of laser-induced tactile sensation. <i>Neuroscience Letters</i> , 2015, 602, 68-72.	2.1	16
6	Differences in cognitive ability and hippocampal volume between Alzheimer's disease, amnesic mild cognitive impairment, and healthy control groups, and their correlation. <i>Neuroscience Letters</i> , 2016, 620, 115-120.	2.1	15
7	Activation of the limbic system under 30% oxygen during a visuospatial task: An fMRI study. <i>Neuroscience Letters</i> , 2010, 471, 70-73.	2.1	13
8	Primary and secondary gait deviations of stroke survivors and their association with gait performance. <i>Journal of Physical Therapy Science</i> , 2016, 28, 2634-2640.	0.6	12
9	Correlation between cognitive ability measured by response time of 2-back task and changes of SpO <sub>2</sub> by supplying three different levels of oxygen in the elderly. <i>Geriatrics and Gerontology International</i> , 2013, 13, 384-387.	1.5	10
10	Long-term study of simulator sickness: Differences in psychophysiological responses due to individual sensitivity. , 2009, , .		8
11	An analysis of the correlation between young males' personal aggression and their skin conductance levels during exposure to aggression images. <i>Psychiatry Research</i> , 2011, 186, 441-442.	3.3	8
12	Effects of distraction task on driving: A functional magnetic resonance imaging study. <i>Bio-Medical Materials and Engineering</i> , 2014, 24, 2971-2977.	0.6	8
13	Difference between smokers and non-smokers in the corpus callosum volume. <i>Neuroscience Letters</i> , 2010, 485, 71-73.	2.1	7
14	Development of an fMRI-compatible driving simulator with simultaneous measurement of physiological and kinematic signals: The multi-biosignal measurement system for driving (MMSD). <i>Technology and Health Care</i> , 2020, 28, 335-345.	1.2	7
15	Extraction and Analysis of Risk Elements for Korean Homecare Patients with Senile Dementia. <i>Journal of Behavioral Health Services and Research</i> , 2016, 43, 116-126.	1.4	6
16	Differences in Activation Area Within Brodmann Area 2 Caused by Pressure Stimuli on Fingers and Joints. <i>Medicine (United States)</i> , 2015, 94, e1657.	1.0	5
17	Inter- and Intradigit Somatotopic Map of High-Frequency Vibration Stimulations in Human Primary Somatosensory Cortex. <i>Medicine (United States)</i> , 2016, 95, e3714.	1.0	4
18	A study on cognitive experience in response to vibrational stimuli of various frequencies at different intensities. <i>Neuroscience Letters</i> , 2019, 713, 134519.	2.1	4

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19	Development of a simultaneous vibration and pressure stimulation system for cognitive studies. <i>Bio-Medical Materials and Engineering</i> , 2014, 24, 3619-3627.	0.6	3
20	Differences in and correlations between cognitive abilities and brain volumes in healthy control, mild cognitive impairment, and Alzheimer disease groups. <i>Clinical Anatomy</i> , 2016, 29, 473-480.	2.7	3
21	Evaluation of Effective Connectivity Between Brain Areas Activated During Simulated Driving Using Dynamic Causal Modeling. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 158.	2.0	3
22	Development of a puff- and suction-type pressure stimulator for human tactile studies. <i>Behavior Research Methods</i> , 2018, 50, 703-710.	4.0	2
23	Changes in cognitive characteristics according to 3 intensity changes by 8 vibration frequencies (STROBE). <i>Medicine (United States)</i> , 2021, 100, e24770.	1.0	2
24	Effects of oxygen concentration and flow rate on cognitive ability and physiological responses in the elderly. <i>Neural Regeneration Research</i> , 2013, 8, 264-9.	3.0	2
25	Change of neuronal activations induced by the passive perception of driving speed difference. <i>Bio-Medical Materials and Engineering</i> , 2015, 26, S833-S840.	0.6	1
26	A STUDY ON SOMATOSENSORY EVOKED POTENTIAL PATTERNS ACCORDING TO VARIOUS VIBROTACTILE STIMULATION: FREQUENCIES AND INTENSITIES. <i>Journal of Mechanics in Medicine and Biology</i> , 2020, 20, 2040015.	0.7	1
27	Effective Connectivity Analysis of Brain Activated Regions during Distracted Driving. <i>Brain Sciences</i> , 2021, 11, 690.	2.3	1
28	Development of a Tactile Actuator with Non-Contact and Trans-Object Characteristics Using a Time-Varying Magnetic Field. <i>Actuators</i> , 2021, 10, 106.	2.3	1
29	Changes of driving performance and skin conductance level of experienced taxi drivers due to distraction tasks. <i>Ningen Kogaku = the Japanese Journal of Ergonomics</i> , 2013, 49, S556-S558.	0.1	1
30	BOLD Signal Change during Driving with Addition Task using fMRI. , 2019, , .		1
31	Differing ERP patterns caused by suction and puff stimuli. <i>Neuroscience Letters</i> , 2015, 594, 70-75.	2.1	0
32	Somatotopic Map and Inter- and Intra-Digit Distance in Brodmann Area 2 by Pressure Stimulation. <i>Scientific Reports</i> , 2016, 6, 30243.	3.3	0
33	A study on age- and gender-dependent differences in distance and angle between the internal carotid artery and basilar artery. <i>Technology and Health Care</i> , 2020, 28, 321-326.	1.2	0
34	Effect of Childbirth Experience on Cognitive Performance and Event-Related Potential Patterns. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3233.	2.5	0
35	Mid-Air Tactile Sensations Evoked by Laser-Induced Plasma: A Neurophysiological Study. <i>Frontiers in Neuroscience</i> , 2021, 15, 733423.	2.8	0
36	2C1-3 Real-life accident factors for elderly patients with dementia. <i>Ningen Kogaku = the Japanese Journal of Ergonomics</i> , 2015, 51, S462-S464.	0.1	0