

Hiroyuki Sakai

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

322
citations

1040056

9
h-index

888059

17
g-index

30
all docs

30
docs citations

30
times ranked

482
citing authors

#	ARTICLE	IF	CITATIONS
1	Left parietal involvement in motion sickness susceptibility revealed by multimodal magnetic resonance imaging. <i>Human Brain Mapping</i> , 2022, 43, 1103-1111.	3.6	8
2	Psychological Reactance to Mobility Restrictions Due to the COVID-19 Pandemic: A Japanese Population Study. <i>Frontiers in Psychology</i> , 2021, 12, 655022.	2.1	7
3	Neuroplastic Reorganization Induced by Sensory Augmentation for Self-Localization During Locomotion. <i>Frontiers in Neuroergonomics</i> , 2021, 2, .	1.1	0
4	Vestibular Morphological Asymmetry Associated With Motion Sickness Susceptibility. <i>Frontiers in Neuroscience</i> , 2021, 15, 763040.	2.8	6
5	BOLD signal response in primary visual cortex to flickering checkerboard increases with stimulus temporal frequency in older adults. <i>PLoS ONE</i> , 2021, 16, e0259243.	2.5	0
6	Bilateral Asymmetry in Ocular Counter-Rolling Reflex Is Associated With Individual Motion Sickness Susceptibility. <i>Frontiers in Neurology</i> , 2021, 12, 759764.	2.4	3
7	Vestibulo-ocular reflex characteristics during unidirectional translational whole-body vibration without head restriction. <i>Ergonomics</i> , 2020, 63, 91-100.	2.1	3
8	Early-warning signals using dynamical network markers selected by covariance. <i>Physical Review E</i> , 2019, 100, 052303.	2.1	6
9	Cerebellar activation associated with model-based estimation of tool-use consequences. <i>Behavioral and Brain Functions</i> , 2019, 15, 8.	3.3	2
10	A Novel Approach to Sensorimotor Skill Acquisition Utilizing Sensory Substitution: A Driving Simulation Study. <i>Scientific Reports</i> , 2019, 9, 17886.	3.3	1
11	Speed-related activation in the mesolimbic dopamine system during the observation of driver-view videos. <i>Scientific Reports</i> , 2018, 8, 711.	3.3	0
12	Greater cerebellar gray matter volume in car drivers: an exploratory voxel-based morphometry study. <i>Scientific Reports</i> , 2017, 7, 46526.	3.3	7
13	Association of physical activity and appetite with visual function related to driving competence in older adults. <i>BMC Geriatrics</i> , 2017, 17, 96.	2.7	6
14	Is the useful field of view a good predictor of atâ€¦fault crash risk in elderly <sc>J</sc>apanese drivers?. <i>Geriatrics and Gerontology International</i> , 2015, 15, 659-665.	1.5	9
15	Prefrontal transcranial direct current stimulation improves fundamental vehicle control abilities. <i>Behavioural Brain Research</i> , 2014, 273, 57-62.	2.2	19
16	Neural Activity Changes Associated with Impulsive Responding in the Sustained Attention to Response Task. <i>PLoS ONE</i> , 2013, 8, e67391.	2.5	14
17	Attentional effects on gaze preference for salient loci in traffic scenes. <i>Ergonomics</i> , 2012, 55, 743-751.	2.1	5
18	Suppression of brain activity related to a car-following task with an auditory task: An fMRI study. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2012, 15, 25-37.	3.7	37

#	ARTICLE	IF	CITATIONS
19	Regional Frontal Gray Matter Volume Associated with Executive Function Capacity as a Risk Factor for Vehicle Crashes in Normal Aging Adults. PLoS ONE, 2012, 7, e45920.	2.5	34
20	Regional gray matter volume in the presupplementary motor area predicts individual differences on executive function capacity as a crash risk factor in elderly drivers. Neuroscience Research, 2011, 71, e389.	1.9	0
21	Slow eye movement detection can prevent sleep-related accidents effectively in a simulated driving task. Journal of Sleep Research, 2011, 20, 416-424.	3.2	42
22	Slow eye movement as a possible predictor of reaction delays to auditory warning alarms in a drowsy state. Ergonomics, 2011, 54, 146-153.	2.1	10
23	Relationship Between Residual Aberration and Light-Adapted Pupil Size. Optometry and Vision Science, 2007, 84, 517-521.	1.2	9
24	Concierge: Personal database software for managing digital research resources. Frontiers in Neuroinformatics, 2007, 1, 5.	2.5	2
25	Customizable neuroinformatics database system: XooNIps and its application to the pupil platform. Computers in Biology and Medicine, 2007, 37, 1036-1041.	7.0	8
26	PDF Management Software Based on Reference Metadata:iPapers. Igaku Toshokan, 2007, 54, 243-247.	0.0	0
27	Effect of Surrounding Blur on Foveal Visibility. Open Ophthalmology Journal, 2007, 1, 4-7.	0.2	0
28	Long-range cooperative binding of kinesin to a microtubule in the presence of ATP. Journal of Cell Biology, 2005, 168, 691-696.	5.2	84