Hiroyuki Sakai

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1882415/publications.pdf

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28	322	1040056	888059
papers	citations	9 h-index	17 g-index

30	30	30	482
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	Suppression of brain activity related to a car-following task with an auditory task: An fMRI study. Transportation Research Part F: Traffic Psychology and Behaviour, 2012, 15, 25-37.	3.7	37
4	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
5	Prefrontal transcranial direct current stimulation improves fundamental vehicle control abilities. Behavioural Brain Research, 2014, 273, 57-62.	2.2	19
6	Neural Activity Changes Associated with Impulsive Responding in the Sustained Attention to Response Task. PLoS ONE, 2013, 8, e67391.	2.5	14
7	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
8	Relationship Between Residual Aberration and Light-Adapted Pupil Size. Optometry and Vision Science, 2007, 84, 517-521.	1.2	9
9	Is the useful field of view a good predictor of atâ€fault crash risk in elderly <scp>J</scp>apanese drivers?. Geriatrics and Gerontology International, 2015, 15, 659-665.	1.5	9
10	Customizable neuroinformatics database system: XooNIps and its application to the pupil platform. Computers in Biology and Medicine, 2007, 37, 1036-1041.	7.0	8
11	Left parietal involvement in motion sickness susceptibility revealed by multimodal magnetic resonance imaging. Human Brain Mapping, 2022, 43, 1103-1111.	3.6	8
12	Greater cerebellar gray matter volume in car drivers: an exploratory voxel-based morphometry study. Scientific Reports, 2017, 7, 46526.	3.3	7
13	Psychological Reactance to Mobility Restrictions Due to the COVID-19 Pandemic: A Japanese Population Study. Frontiers in Psychology, 2021, 12, 655022.	2.1	7
14	Association of physical activity and appetite with visual function related to driving competence in older adults. BMC Geriatrics, 2017, 17, 96.	2.7	6
15	Early-warning signals using dynamical network markers selected by covariance. Physical Review E, 2019, 100, 052303.	2.1	6
16	Vestibular Morphological Asymmetry Associated With Motion Sickness Susceptibility. Frontiers in Neuroscience, 2021, 15, 763040.	2.8	6
17	Attentional effects on gaze preference for salient loci in traffic scenes. Ergonomics, 2012, 55, 743-751.	2.1	5
18	Vestibulo-ocular reflex characteristics during unidirectional translational whole-body vibration without head restriction. Ergonomics, 2020, 63, 91-100.	2.1	3

#	Article	IF	Citations
19	Bilateral Asymmetry in Ocular Counter-Rolling Reflex Is Associated With Individual Motion Sickness Susceptibility. Frontiers in Neurology, 2021, 12, 759764.	2.4	3
20	Concierge: Personal database software for managing digital research resources. Frontiers in Neuroinformatics, 2007, 1, 5.	2.5	2
21	Cerebellar activation associated with model-based estimation of tool-use consequences. Behavioral and Brain Functions, 2019, 15, 8.	3.3	2
22	A Novel Approach to Sensorimotor Skill Acquisition Utilizing Sensory Substitution: A Driving Simulation Study. Scientific Reports, 2019, 9, 17886.	3.3	1
23	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
24	Speed-related activation in the mesolimbic dopamine system during the observation of driver-view videos. Scientific Reports, 2018, 8, 711.	3.3	0
25	Neuroplastic Reorganization Induced by Sensory Augmentation for Self-Localization During Locomotion. Frontiers in Neuroergonomics, 2021, 2, .	1.1	0
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	BOLD signal response in primary visual cortex to flickering checkerboard increases with stimulus temporal frequency in older adults. PLoS ONE, 2021, 16, e0259243.	2.5	0