Prasanna R Karunanayaka

List of Publications by Year
in descending order

20 papers	681 citations	623734 14 h-index	713466 21 g-index
24 all docs	24 docs citations	24 times ranked	1069 citing authors

#	Article	IF	Citations
1	Age-related connectivity changes in fMRI data from children listening to stories. NeuroImage, 2007, 34, 349-360.	4.2	139
2	Olfactory Cortex Degeneration in Alzheimer's Disease and Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2015, 45, 947-958.	2.6	106
3	Default mode network differences between rigidity- and tremor-predominant Parkinson's disease. Cortex, 2016, 81, 239-250.	2.4	61
4	Central Olfactory Dysfunction in Alzheimer's Disease and Mild Cognitive Impairment: A Functional MRI Study. Journal of Alzheimer's Disease, 2017, 59, 359-368.	2.6	50
5	A group independent component analysis of covert verb generation in children: A functional magnetic resonance imaging study. NeuroImage, 2010, 51, 472-487.	4.2	47
6	Networks involved in olfaction and their dynamics using independent component analysis and unified structural equation modeling. Human Brain Mapping, 2014, 35, 2055-2072.	3.6	40
7	Functional Connectivity between the Resting-State Olfactory Network and the Hippocampus in Alzheimer's Disease. Brain Sciences, 2019, 9, 338.	2.3	37
8	The effects of left or right hemispheric epilepsy on language networks investigated with semantic decision fMRI task and independent component analysis. Epilepsy and Behavior, 2011, 20, 623-632.	1.7	31
9	Neural substrate differences in language networks and associated language-related behavioral impairments in children with TBI: A preliminary fMRI investigation. NeuroRehabilitation, 2007, 22, 355-369.	1.3	28
10	Rapidly acquired multisensory association in the olfactory cortex. Brain and Behavior, 2015, 5, e00390.	2.2	26
11	Disruptions of the olfactory and default mode networks in Alzheimer's disease. Brain and Behavior, 2019, 9, e01296.	2.2	23
12	Default mode network deactivation during odor–visual association. Human Brain Mapping, 2017, 38, 1125-1139.	3.6	20
13	Muscle oxygenation during dynamic plantar flexion exercise: combining <scp>BOLD MRI</scp> with traditional physiological measurements. Physiological Reports, 2016, 4, e13004.	1.7	18
14	Different patterns of age-related central olfactory decline in men and women as quantified by olfactory fMRI. Oncotarget, 2017, 8, 79212-79222.	1.8	14
15	Neural substrate differences in language networks and associated language-related behavioral impairments in children with TBI: a preliminary fMRI investigation. NeuroRehabilitation, 2007, 22, 355-69.	1.3	14
16	Age-related resting-state functional connectivity in the olfactory and trigeminal networks. NeuroReport, 2017, 28, 943-948.	1.2	11
17	Dynamic characteristics of T2*-weighted signal in calf muscles of peripheral artery disease during low-intensity exercise. Journal of Magnetic Resonance Imaging, 2017, 46, 40-48.	3.4	9
18	Evidence from an fMRI study that dessert-flavored e-cigarettes engage taste-related, but not smoking-related, brain circuitry for female daily smokers.. Experimental and Clinical Psychopharmacology, 2022, 30, 947-958.	1.8	2

#	Article	IF	Citations
19	An Electronic Aerosol Delivery System for Functional Magnetic Resonance Imaging. Substance Abuse: Research and Treatment, 2020, 14, 117822182090414.	0.9	1
20	[P3–404]: OLFACTORY PROCESSING IS HIGHLY COGNITIVELY DEMANDING: SENSITIVE FUNCTIONAL MARKER FOR COGNITIVE DEFICITS AND DEMENTIA IN AD. Alzheimer's and Dementia, 2017, 13, P1118.	0.8	0