Johan MÃ¥rtensson

List of Publications by Year
in descending order

21	1,717	471509 17	677142 22
papers	citations	h-index	g-index

22	22	22	2928
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural brain plasticity in adult learning and development. Neuroscience and Biobehavioral Reviews, 2013, 37, 2296-2310.	6.1	302
2	Growth of language-related brain areas after foreign language learning. NeuroImage, 2012, 63, 240-244.	4.2	271
3	Neurite density imaging versus imaging of microscopic anisotropy in diffusion MRI: A model comparison using spherical tensor encoding. NeuroImage, 2017, 147, 517-531.	4.2	177
4	Hippocampal volume and functional connectivity changes during the female menstrual cycle. NeuroImage, 2015, 118, 154-162.	4.2	151
5	Comparing manual and automatic segmentation of hippocampal volumes: Reliability and validity issues in younger and older brains. Human Brain Mapping, 2014, 35, 4236-4248.	3.6	142
6	Searching for the neurite density with diffusion MRI: Challenges for biophysical modeling. Human Brain Mapping, 2019, 40, 2529-2545.	3.6	103
7	Cortical thickness changes following spatial navigation training in adulthood and aging. NeuroImage, 2012, 59, 3389-3397.	4.2	77
8	In search of features that constitute an â€œenriched environmentâ€• in humans: Associations between geographical properties and brain structure. Scientific Reports, 2017, 7, 11920.	3.3	74
9	Resting-state fMRI correlations: From link-wise unreliability to whole brain stability. NeuroImage, 2017, 157, 250-262.	4.2	73
10	Towards unconstrained compartment modeling in white matter using diffusionâ€•relaxation MRI with tensorâ€•valued diffusion encoding. Magnetic Resonance in Medicine, 2020, 84, 1605-1623.	3.0	67
11	Repeated Structural Imaging Reveals Nonlinear Progression of Experience-Dependent Volume Changes in Human Motor Cortex. Cerebral Cortex, 2016, 27, bhw141.	2.9	50
12	Behavioral correlates of changes in hippocampal gray matter structure during acquisition of foreign vocabulary. NeuroImage, 2016, 131, 205-213.	4.2	46
13	Physical neglect during childhood alters white matter connectivity in healthy young males. Human Brain Mapping, 2018, 39, 1283-1290.	3.6	41
14	Identifying predictors of within-person variance in MRI-based brain volume estimates. NeuroImage, 2019, 200, 575-589.	4.2	33
15	Day2day: investigating daily variability of magnetic resonance imaging measures over half a year. BMC Neuroscience, 2017, 18, 65.	1.9	30
16	Increased integrity of white matter pathways after dual n-back training. NeuroImage, 2016, 133, 244-250.	4.2	29
17	Secondary Hyperalgesia Phenotypes Exhibit Differences in Brain Activation during Noxious Stimulation. PLoS ONE, 2015, 10, e0114840.	2.5	23
18	Spend time outdoors for your brain â€“ an in-depth longitudinal MRI study. World Journal of Biological Psychiatry, 2022, 23, 201-207.	2.6	12

#	Article	IF	Citations
19	The association between areas of secondary hyperalgesia and volumes of the caudate nuclei and other pain relevant brain structuresâ€"A 3-tesla MRI study of healthy men. PLoS ONE, 2018, 13, e0201642.	2.5	5
20	White matter microstructure predicts foreign language learning in army interpreters. Bilingualism, 2020, 23, 763-771.	1.3	4
21	Brain resting-state connectivity in the development of secondary hyperalgesia in healthy men. Brain Structure and Function, 2019, 224, 1119-1139.	2.3	3