

Johan MÅrtensson

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,717
citations

471509

17
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

2928
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Spend time outdoors for your brain – an in-depth longitudinal MRI study. <i>World Journal of Biological Psychiatry</i> , 2022, 23, 201-207. | 2.6 | 12 |
| 2 | Towards unconstrained compartment modeling in white matter using diffusion-relaxation MRI with tensor-valued diffusion encoding. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1605-1623. | 3.0 | 67 |
| 3 | White matter microstructure predicts foreign language learning in army interpreters. <i>Bilingualism</i> , 2020, 23, 763-771. | 1.3 | 4 |
| 4 | Identifying predictors of within-person variance in MRI-based brain volume estimates. <i>NeuroImage</i> , 2019, 200, 575-589. | 4.2 | 33 |
| 5 | Searching for the neurite density with diffusion MRI: Challenges for biophysical modeling. <i>Human Brain Mapping</i> , 2019, 40, 2529-2545. | 3.6 | 103 |
| 6 | Brain resting-state connectivity in the development of secondary hyperalgesia in healthy men. <i>Brain Structure and Function</i> , 2019, 224, 1119-1139. | 2.3 | 3 |
| 7 | Physical neglect during childhood alters white matter connectivity in healthy young males. <i>Human Brain Mapping</i> , 2018, 39, 1283-1290. | 3.6 | 41 |
| 8 | The association between areas of secondary hyperalgesia and volumes of the caudate nuclei and other pain relevant brain structures – A 3-tesla MRI study of healthy men. <i>PLoS ONE</i> , 2018, 13, e0201642. | 2.5 | 5 |
| 9 | Neurite density imaging versus imaging of microscopic anisotropy in diffusion MRI: A model comparison using spherical tensor encoding. <i>NeuroImage</i> , 2017, 147, 517-531. | 4.2 | 177 |
| 10 | In search of features that constitute an “enriched environment” in humans: Associations between geographical properties and brain structure. <i>Scientific Reports</i> , 2017, 7, 11920. | 3.3 | 74 |
| 11 | Resting-state fMRI correlations: From link-wise unreliability to whole brain stability. <i>NeuroImage</i> , 2017, 157, 250-262. | 4.2 | 73 |
| 12 | Day2day: investigating daily variability of magnetic resonance imaging measures over half a year. <i>BMC Neuroscience</i> , 2017, 18, 65. | 1.9 | 30 |
| 13 | Repeated Structural Imaging Reveals Nonlinear Progression of Experience-Dependent Volume Changes in Human Motor Cortex. <i>Cerebral Cortex</i> , 2016, 27, bhw141. | 2.9 | 50 |
| 14 | Increased integrity of white matter pathways after dual n-back training. <i>NeuroImage</i> , 2016, 133, 244-250. | 4.2 | 29 |
| 15 | Behavioral correlates of changes in hippocampal gray matter structure during acquisition of foreign vocabulary. <i>NeuroImage</i> , 2016, 131, 205-213. | 4.2 | 46 |
| 16 | Hippocampal volume and functional connectivity changes during the female menstrual cycle. <i>NeuroImage</i> , 2015, 118, 154-162. | 4.2 | 151 |
| 17 | Secondary Hyperalgesia Phenotypes Exhibit Differences in Brain Activation during Noxious Stimulation. <i>PLoS ONE</i> , 2015, 10, e0114840. | 2.5 | 23 |
| 18 | Comparing manual and automatic segmentation of hippocampal volumes: Reliability and validity issues in younger and older brains. <i>Human Brain Mapping</i> , 2014, 35, 4236-4248. | 3.6 | 142 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Structural brain plasticity in adult learning and development. Neuroscience and Biobehavioral Reviews, 2013, 37, 2296-2310. | 6.1 | 302 |
| 20 | Cortical thickness changes following spatial navigation training in adulthood and aging. NeuroImage, 2012, 59, 3389-3397. | 4.2 | 77 |
| 21 | Growth of language-related brain areas after foreign language learning. NeuroImage, 2012, 63, 240-244. | 4.2 | 271 |