

Jesper L R Andersson

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

15,835
citations

448610

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docs citations

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times ranked

17107
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical Morphology and White Matter Tractography of Three Phylogenetically Distant Primates: Evidence for a Simian Elaboration. <i>Cerebral Cortex</i> , 2022, 32, 1608-1624.	1.6	11
2	The Developing Human Connectome Project Neonatal Data Release. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	42
3	Multimodal Imaging Brain Markers in Early Adolescence Are Linked with a Physically Active Lifestyle. <i>Journal of Neuroscience</i> , 2021, 41, 1092-1104.	1.7	8
4	The Developing Human Connectome Project: typical and disrupted perinatal functional connectivity. <i>Brain</i> , 2021, 144, 2199-2213.	3.7	75
5	The Human Connectome Project: A retrospective. <i>NeuroImage</i> , 2021, 244, 118543.	2.1	114
6	fMRI neurofeedback in the motor system elicits bidirectional changes in activity and in white matter structure in the adult human brain. <i>Cell Reports</i> , 2021, 37, 109890.	2.9	10
7	White matter microstructure of the extended limbic system in male and female youth with conduct disorder. <i>Psychological Medicine</i> , 2020, 50, 58-67.	2.7	8
8	Breakdown of Whole-brain Dynamics in Preterm-born Children. <i>Cerebral Cortex</i> , 2020, 30, 1159-1170.	1.6	11
9	The developing Human Connectome Project (dHCP) automated resting-state functional processing framework for newborn infants. <i>NeuroImage</i> , 2020, 223, 117303.	2.1	81
10	A Symmetric Prior for the Regularisation of Elastic Deformations: Improved anatomical plausibility in nonlinear image registration. <i>NeuroImage</i> , 2020, 219, 116962.	2.1	14
11	Optimising neonatal fMRI data analysis: Design and validation of an extended dHCP preprocessing pipeline to characterise noxious-evoked brain activity in infants. <i>NeuroImage</i> , 2019, 186, 286-300.	2.1	22
12	Susceptibility-induced distortion that varies due to motion: Correction in diffusion MR without acquiring additional data. <i>NeuroImage</i> , 2018, 171, 277-295.	2.1	92
13	Image processing and Quality Control for the first 10,000 brain imaging datasets from UK Biobank. <i>NeuroImage</i> , 2018, 166, 400-424.	2.1	1,026
14	Development of white matter microstructure in relation to verbal and visuospatial working memoryâ€”A longitudinal study. <i>PLoS ONE</i> , 2018, 13, e0195540.	1.1	48
15	Towards a comprehensive framework for movement and distortion correction of diffusion MR images: Within volume movement. <i>NeuroImage</i> , 2017, 152, 450-466.	2.1	278
16	The Human Connectome Project's neuroimaging approach. <i>Nature Neuroscience</i> , 2016, 19, 1175-1187.	7.1	825
17	Multimodal population brain imaging in the UK Biobank prospective epidemiological study. <i>Nature Neuroscience</i> , 2016, 19, 1523-1536.	7.1	1,414
18	A multi-modal parcellation of human cerebral cortex. <i>Nature</i> , 2016, 536, 171-178.	13.7	3,634

#	ARTICLE	IF	CITATIONS
19	Incorporating outlier detection and replacement into a non-parametric framework for movement and distortion correction of diffusion MR images. NeuroImage, 2016, 141, 556-572.	2.1	559
20	An integrated approach to correction for off-resonance effects and subject movement in diffusion MR imaging. NeuroImage, 2016, 125, 1063-1078.	2.1	2,562
21	Changes in white matter microstructure in the developing brain – A longitudinal diffusion tensor imaging study of children from 4 to 11 years of age. NeuroImage, 2016, 124, 473-486.	2.1	160
22	Non-parametric representation and prediction of single- and multi-shell diffusion-weighted MRI data using Gaussian processes. NeuroImage, 2015, 122, 166-176.	2.1	226
23	MSM: A new flexible framework for Multimodal Surface Matching. NeuroImage, 2014, 100, 414-426.	2.1	532
24	Improving alignment in Tract-based spatial statistics: Evaluation and optimization of image registration. NeuroImage, 2013, 76, 400-411.	2.1	174
25	Resting-state fMRI in the Human Connectome Project. NeuroImage, 2013, 80, 144-168.	2.1	1,367
26	How to correct susceptibility distortions in spin-echo echo-planar images: application to diffusion tensor imaging. NeuroImage, 2003, 20, 870-888.	2.1	2,535