Jesper L R Andersson

List of Publications by Year
in descending order

26 papers	15,835 citations	394421 19 h-index	552781 26 g-index
27 all docs	27 docs citations	27 times ranked	15190 citing authors

#	Article	IF	Citations
1	Cortical Morphology and White Matter Tractography of Three Phylogenetically Distant Primates: Evidence for a Simian Elaboration. Cerebral Cortex, 2022, 32, 1608-1624.	2.9	11
2	The Developing Human Connectome Project Neonatal Data Release. Frontiers in Neuroscience, 2022, 16, .	2.8	42
3	Multimodal Imaging Brain Markers in Early Adolescence Are Linked with a Physically Active Lifestyle. Journal of Neuroscience, 2021, 41, 1092-1104.	3.6	8
4	The Developing Human Connectome Project: typical and disrupted perinatal functional connectivity. Brain, 2021, 144, 2199-2213.	7.6	75
5	The Human Connectome Project: A retrospective. NeuroImage, 2021, 244, 118543.	4.2	114
6	fMRI neurofeedback in the motor system elicits bidirectional changes in activity and in white matter structure in the adult human brain. Cell Reports, 2021, 37, 109890.	6.4	10
7	White matter microstructure of the extended limbic system in male and female youth with conduct disorder. Psychological Medicine, 2020, 50, 58-67.	4.5	8
8	Breakdown of Whole-brain Dynamics in Preterm-born Children. Cerebral Cortex, 2020, 30, 1159-1170.	2.9	11
9	The developing Human Connectome Project (dHCP) automated resting-state functional processing framework for newborn infants. NeuroImage, 2020, 223, 117303.	4.2	81
10	A Symmetric Prior for the Regularisation of Elastic Deformations: Improved anatomical plausibility in nonlinear image registration. NeuroImage, 2020, 219, 116962.	4.2	14
11	Optimising neonatal fMRI data analysis: Design and validation of an extended dHCP preprocessing pipeline to characterise noxious-evoked brain activity in infants. NeuroImage, 2019, 186, 286-300.	4.2	22
12	Susceptibility-induced distortion that varies due to motion: Correction in diffusion MR without acquiring additional data. NeuroImage, 2018, 171, 277-295.	4.2	92
13	Image processing and Quality Control for the first 10,000 brain imaging datasets from UK Biobank. NeuroImage, 2018, 166, 400-424.	4.2	1,026
14	Development of white matter microstructure in relation to verbal and visuospatial working memory—A longitudinal study. PLoS ONE, 2018, 13, e0195540.	2.5	48
15	Towards a comprehensive framework for movement and distortion correction of diffusion MR images: Within volume movement. NeuroImage, 2017, 152, 450-466.	4.2	278
16	The Human Connectome Project's neuroimaging approach. Nature Neuroscience, 2016, 19, 1175-1187.	14.8	825
17	Multimodal population brain imaging in the UK Biobank prospective epidemiological study. Nature Neuroscience, 2016, 19, 1523-1536.	14.8	1,414
18	A multi-modal parcellation of human cerebral cortex. Nature, 2016, 536, 171-178.	27.8	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.	4.2	559
20	An integrated approach to correction for off-resonance effects and subject movement in diffusion MR imaging. NeuroImage, 2016, 125, 1063-1078.	4.2	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.	4.2	160
22	Non-parametric representation and prediction of single- and multi-shell diffusion-weighted MRI data using Gaussian processes. NeuroImage, 2015, 122, 166-176.	4.2	226
23	MSM: A new flexible framework for Multimodal Surface Matching. NeuroImage, 2014, 100, 414-426.	4.2	532
24	Improving alignment in Tract-based spatial statistics: Evaluation and optimization of image registration. NeuroImage, 2013, 76, 400-411.	4.2	174
25	Resting-state fMRI in the Human Connectome Project. NeuroImage, 2013, 80, 144-168.	4.2	1,367
26	How to correct susceptibility distortions in spin-echo echo-planar images: application to diffusion tensor imaging. NeuroImage, 2003, 20, 870-888.	4.2	2,535