

Ville Renvall

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4344783/publications.pdf>

Version: 2024-02-01

18
papers

1,012
citations

759055

12
h-index

839398

18
g-index

18
all docs

18
docs citations

18
times ranked

1686
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Specialization for Voice and Emotion Processing in the Infant Brain. <i>Current Biology</i> , 2011, 21, 1220-1224.	1.8	233
2	MGHâ€“USC Human Connectome Project datasets with ultra-high b-value diffusion MRI. <i>NeuroImage</i> , 2016, 124, 1108-1114.	2.1	209
3	Reducing sensitivity losses due to respiration and motion in accelerated echo planar imaging by reordering the autocalibration data acquisition. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 665-679.	1.9	113
4	Analysis strategies for high-resolution UHF-fMRI data. <i>NeuroImage</i> , 2018, 168, 296-320.	2.1	95
5	Advantages of cortical surface reconstruction using submillimeter 7Âˆ MEMPRAGE. <i>NeuroImage</i> , 2018, 165, 11-26.	2.1	76
6	Automatic cortical surface reconstruction of high-resolution T1 echo planar imaging data. <i>NeuroImage</i> , 2016, 134, 338-354.	2.1	57
7	Physical activity, aerobic fitness, and brain white matter: Their role for executive functions in adolescence. <i>Developmental Cognitive Neuroscience</i> , 2020, 42, 100765.	1.9	45
8	Neuroimaging brainstem circuitry supporting cardiovagal response to pain: a combined heart rate variability/ultrahigh-field (7 T) functional magnetic resonance imaging study. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150189.	1.6	39
9	Aerobic fitness, but not physical activity, is associated with grey matter volume in adolescents. <i>Behavioural Brain Research</i> , 2019, 362, 122-130.	1.2	27
10	All that glitters is not BOLD: inconsistencies in functional MRI. <i>Scientific Reports</i> , 2014, 4, 3920.	1.6	21
11	Phantom-based evaluation of geometric distortions in functional magnetic resonance and diffusion tensor imaging. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 754-763.	1.9	17
12	Functional phantom for fMRI: a feasibility study. <i>Magnetic Resonance Imaging</i> , 2006, 24, 315-320.	1.0	14
13	Relationship-specific Encoding of Social Touch in Somatosensory and Insular Cortices. <i>Neuroscience</i> , 2021, 464, 105-116.	1.1	14
14	Imaging Real-Time Tactile Interaction With Two-Person Dual-Coil fMRI. <i>Frontiers in Psychiatry</i> , 2020, 11, 279.	1.3	13
15	Transients may occur in functional magnetic resonance imaging without physiological basis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20510-20514.	3.3	12
16	Functional parcellation of the human primary somatosensory cortex to natural touch. <i>European Journal of Neuroscience</i> , 2014, 39, 738-743.	1.2	11
17	Functional magnetic resonance imaging reference phantom. <i>Magnetic Resonance Imaging</i> , 2009, 27, 701-708.	1.0	9
18	Physical activity and aerobic fitness in relation to local and interhemispheric functional connectivity in adolescentsâ€™ brains. <i>Brain and Behavior</i> , 2021, 11, e01941.	1.0	7