Ville Renvall

List of Publications by Year
in descending order

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