Sofya P Kulikova

List of Publications by Year
in descending order

15 papers	**962** citations	1163117 **8** h-index	1125743 **13** g-index
16 all docs	**16** docs citations	**16** times ranked	**1721** citing authors

#	Article	IF	Citations
1	The early development of brain white matter: A review of imaging studies in fetuses, newborns and infants. Neuroscience, 2014, 276, 48-71.	2.3	624
2	Exploring the Early Organization and Maturation of Linguistic Pathways in the Human Infant Brain. Cerebral Cortex, 2016, 26, 2283-2298.	2.9	125
3	Multi-parametric evaluation of the white matter maturation. Brain Structure and Function, 2015, 220, 3657-3672.	2.3	60
4	Opposite effects of ketamine and deep brain stimulation on rat thalamocortical information processing. European Journal of Neuroscience, 2012, 36, 3407-3419.	2.6	57
5	Correction strategy for diffusion-weighted images corrupted with motion: application to the DTI evaluation of infants' white matter. Magnetic Resonance Imaging, 2014, 32, 981-992.	1.8	34
6	A New Strategy for Fast MRI-Based Quantification of the Myelin Water Fraction: Application to Brain Imaging in Infants. PLoS ONE, 2016, 11, e0163143.	2.5	14
7	EEG correlates of perceived food product similarity in a cross-modal taste-visual task. Food Quality and Preference, 2020, 85, 103980.	4.6	13
8	Multimodal Assessment of the Motor System in Patients With Chronic Ischemic Stroke. Stroke, 2021, 52, 241-249.	2.0	11
9	Interkinetic nuclear migration. Cell Adhesion and Migration, 2011, 5, 277-279.	2.7	7
10	A Possible Sensory Interpretation of Alternate Motor Fibers Relating to Structural Reserve during Stroke Recovery. Frontiers in Neurology, 2017, 8, 355.	2.4	7
11	DNA microarray unravels rapid changes in transcriptome of MK-801 treated rat brain. World Journal of Biological Chemistry, 2015, 6, 389.	4.3	5
12	Acute effect of carbamazepine on corticothalamic 5–9 Hz and thalamocortical spindle (10–16 Hz) oscillations in the rat. European Journal of Neuroscience, 2014, 39, 788-799.	2.6	4
13	StimVis: A tool for interactive computation of the TMS-induced effects over tractography data. SoftwareX, 2020, 12, 100594.	2.6	1
14	Finding the TMS-Targeted Group of Fibers Reconstructed from Diffusion MRI Data. Communications in Computer and Information Science, 2021, , 110-121.	0.5	0
15	Automatic Segmentation of Acute Stroke Lesions Using Convolutional Neural Networks and Histograms of Oriented Gradients. Studies in Computational Intelligence, 2021, , 205-211.	0.9	0