

Sebastian Bludau

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,991
citations

567281

15
h-index

610901

24
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docs citations

31
times ranked

3033
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytoarchitectonic parcellation and functional characterization of four new areas in the caudal parahippocampal cortex. <i>Brain Structure and Function</i> , 2022, 227, 1439-1455.	2.3	5
2	Cytoarchitectonic Maps of the Human Metathalamus in 3D Space. <i>Frontiers in Neuroanatomy</i> , 2022, 16, 837485.	1.7	3
3	Combined analysis of cytoarchitectonic, molecular and transcriptomic patterns reveal differences in brain organization across human functional brain systems. <i>NeuroImage</i> , 2022, 257, 119286.	4.2	12
4	Cytoarchitecture, probability maps and segregation of the human insula. <i>NeuroImage</i> , 2022, 260, 119453.	4.2	9
5	A High-Resolution Model of the Human Entorhinal Cortex in the "BigBrain" Use Case for Machine Learning and 3D Analyses. <i>Lecture Notes in Computer Science</i> , 2021, , 3-21.	1.3	3
6	Identification of Phonology-Related Genes and Functional Characterization of Broca's and Wernicke's Regions in Language and Learning Disorders. <i>Frontiers in Neuroscience</i> , 2021, 15, 680762.	2.8	7
7	Julich-Brain: A 3D probabilistic atlas of the human brain's cytoarchitecture. <i>Science</i> , 2020, 369, 988-992.	12.6	246
8	Cytoarchitectonic Characterization and Functional Decoding of Four New Areas in the Human Lateral Orbitofrontal Cortex. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 2.	1.7	15
9	Four new cytoarchitectonic areas surrounding the primary and early auditory cortex in human brains. <i>Cortex</i> , 2020, 128, 1-21.	2.4	32
10	BigBrain 3D atlas of cortical layers: Cortical and laminar thickness gradients diverge in sensory and motor cortices. <i>PLoS Biology</i> , 2020, 18, e3000678.	5.6	120
11	Cytoarchitectonic segregation of human posterior intraparietal and adjacent parieto-occipital sulcus and its relation to visuomotor and cognitive functions. <i>Cerebral Cortex</i> , 2019, 29, 1305-1327.	2.9	32
12	Towards 3D Reconstruction of Neuronal Cell Distributions from Histological Human Brain Sections. <i>Advances in Parallel Computing</i> , 2019, , .	0.3	2
13	Receptor-driven, multimodal mapping of the human amygdala. <i>Brain Structure and Function</i> , 2018, 223, 1637-1666.	2.3	19
14	Integration of transcriptomic and cytoarchitectonic data implicates a role for MAOA and TAC1 in the limbic-cortical network. <i>Brain Structure and Function</i> , 2018, 223, 2335-2342.	2.3	19
15	Mapping Cortical Laminar Structure in the 3D BigBrain. <i>Cerebral Cortex</i> , 2018, 28, 2551-2562.	2.9	69
16	Cytoarchitecture, probability maps, and functions of the human supplementary and pre-supplementary motor areas. <i>Brain Structure and Function</i> , 2018, 223, 4169-4186.	2.3	74
17	Two New Cytoarchitectonic Areas on the Human Mid-Fusiform Gyrus. <i>Cerebral Cortex</i> , 2017, 27, bhv225.	2.9	91
18	Cytoarchitecture and probability maps of the human medial orbitofrontal cortex. <i>Cortex</i> , 2016, 75, 87-112.	2.4	66

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19	Medial Prefrontal Aberrations in Major Depressive Disorder Revealed by Cytoarchitecturally Informed Voxel-Based Morphometry. <i>American Journal of Psychiatry</i> , 2016, 173, 291-298.	7.2	52
20	Cytoarchitectonic mapping of the human brain cerebellar nuclei in stereotaxic space and delineation of their co-activation patterns. <i>Frontiers in Neuroanatomy</i> , 2015, 09, 54.	1.7	35
21	Co-activation based parcellation of the human frontal pole. <i>NeuroImage</i> , 2015, 123, 200-211.	4.2	30
22	Cytoarchitecture, probability maps and functions of the human frontal pole. <i>NeuroImage</i> , 2014, 93, 260-275.	4.2	193
23	BigBrain: An Ultrahigh-Resolution 3D Human Brain Model. <i>Science</i> , 2013, 340, 1472-1475.	12.6	673
24	Spatial Organization of Neurons in the Frontal Pole Sets Humans Apart from Great Apes. <i>Cerebral Cortex</i> , 2011, 21, 1485-1497.	2.9	180