Karl-Anton Dorph-Petersen

List of Publications by Year
in descending order

28 papers	2,716 citations	430754 18 h-index	552653 26 g-index
31 all docs	31 docs citations	31 times ranked	3769 citing authors

#	Article	IF	Citations
1	Tissue shrinkage and unbiased stereological estimation of particle number and size*. Journal of Microscopy, 2001, 204, 232-246.	0.8	483
2	Stereological Approaches to Identifying Neuropathology in Psychosis. Biological Psychiatry, 2011, 69, 113-126.	0.7	435
3	The Influence of Chronic Exposure to Antipsychotic Medications on Brain Size before and after Tissue Fixation: A Comparison of Haloperidol and Olanzapine in Macaque Monkeys. Neuropsychopharmacology, 2005, 30, 1649-1661.	2.8	372
4	Effect of Chronic Antipsychotic Exposure on Astrocyte and Oligodendrocyte Numbers in Macaque Monkeys. Biological Psychiatry, 2008, 63, 759-765.	0.7	228
5	Design-based Stereology. Toxicologic Pathology, 2010, 38, 1011-1025.	0.9	173
6	Effect of Chronic Exposure to Antipsychotic Medication on Cell Numbers in the Parietal Cortex of Macaque Monkeys. Neuropsychopharmacology, 2007, 32, 1216-1223.	2.8	170
7	Mapping auditory core, lateral belt, and parabelt cortices in the human superior temporal gyrus. Journal of Comparative Neurology, 2005, 491, 270-289.	0.9	147
8	Primary visual cortex volume and total neuron number are reduced in schizophrenia. Journal of Comparative Neurology, 2007, 501, 290-301.	0.9	101
9	Stereological analysis of the mediodorsal thalamic nucleus in schizophrenia: Volume, neuron number, and cell types. Journal of Comparative Neurology, 2004, 472, 449-462.	0.9	97
10	Loss of Microtubule-Associated Protein 2 Immunoreactivity Linked to Dendritic Spine Loss in Schizophrenia. Biological Psychiatry, 2015, 78, 374-385.	0.7	89
11	Volume and neuron number of the lateral geniculate nucleus in schizophrenia and mood disorders. Acta Neuropathologica, 2009, 117, 369-384.	3.9	71
12	Postmortem structural studies of the thalamus in schizophrenia. Schizophrenia Research, 2017, 180, 28-35.	1.1	71
13	Pyramidal neuron number in layer 3 of primary auditory cortex of subjects with schizophrenia. Brain Research, 2009, 1285, 42-57.	1.1	53
14	Hippocampal volume and cell number in depression, schizophrenia, and suicide subjects. Brain Research, 2020, 1727, 146546.	1.1	48
15	Reduced Glutamate Decarboxylase 65 Protein Within Primary Auditory Cortex Inhibitory Boutons in Schizophrenia. Biological Psychiatry, 2012, 72, 734-743.	0.7	40
16	Stereological estimation using vertical sections in a complex tissue. Journal of Microscopy, 1999, 195, 79-86.	0.8	25
17	Non-uniform systematic sampling in stereology*. Journal of Microscopy, 2000, 200, 148-157.	0.8	24
18	Intracortical excitatory and thalamocortical boutons are intact in primary auditory cortex in schizophrenia. Schizophrenia Research, 2013, 149, 127-134.	1.1	23

#	Article	IF	Citations
19	Systematic sampling with errors in sample locations. Biometrika, 2010, 97, 1-13.	1.3	13
20	A note on the stereological implications of irregular spacing of sections. Journal of Microscopy, 2006, 222, 177-181.	0.8	12
21	Detection and spatial characterization of minicolumnarity in the human cerebral cortex. Journal of Microscopy, 2016, 261, 115-126.	0.8	12
22	Estimation of number and volume of immunohistochemically stained neurons in complex brain regions. , 2004, , 216-238.		7
23	Evaluating the Feasibility of DNA Methylation Analyses Using Long-Term Archived Brain Formalin-Fixed Paraffin-Embedded Samples. Molecular Neurobiology, 2018, 55, 668-681.	1.9	6
24	Editorial: Neurostereology. Frontiers in Neuroanatomy, 2019, 13, 42.	0.9	5
25	THE CAVALIERI ESTIMATOR WITH UNEQUAL SECTION SPACING REVISITED. Image Analysis and Stereology, 2017, 36, 135.	0.4	5
26	Variance estimation for generalized Cavalieri estimators. Biometrika, 2011, 98, 187-198.	1.3	4
27	Volume and neuron number of the ventral lateral caudal nucleus of the thalamus in schizophrenia. Schizophrenia Research, 2003, 60, 74.	1.1	0
28	CHRONIC ANTIPSYCHOTIC MEDICATION EXPOSURE CHANGES THE BRAIN STRUCTURE IN MACAQUE MONKEYS. Schizophrenia Research, 2014, 153, S85.	1.1	0