

Jonathan Nissanov

List of Publications by Year in descending order

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24
papers

1,466
citations

471509

17
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

2186
citing authors

#	ARTICLE	IF	CITATIONS
1	Waxholm Space: An image-based reference for coordinating mouse brain research. <i>NeuroImage</i> , 2010, 53, 365-372.	4.2	236
2	Parahippocampal tau pathology in healthy aging, mild cognitive impairment, and early Alzheimer's disease. <i>Annals of Neurology</i> , 2002, 51, 182-189.	5.3	232
3	MRI diffusion coefficients in spinal cord correlate with axon morphometry. <i>NeuroReport</i> , 2005, 16, 73-76.	1.2	133
4	Differential activation of Mauthner and non-Mauthner startle circuits in the zebrafish: Implications for functional substitution. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1984, 155, 813-820.	1.6	109
5	Digital Atlasing and Standardization in the Mouse Brain. <i>PLoS Computational Biology</i> , 2011, 7, e1001065.	3.2	109
6	The motor output of the Mauthner cell, a reticulospinal command neuron. <i>Brain Research</i> , 1990, 517, 88-98.	2.2	99
7	Novel Method to Quantify Neuropil Threads in Brains from Elders With or Without Cognitive Impairment. <i>Journal of Histochemistry and Cytochemistry</i> , 2000, 48, 1627-1637.	2.5	77
8	Subicular Dendritic Arborization in Alzheimer's Disease Correlates with Neurofibrillary Tangle Density. <i>American Journal of Pathology</i> , 2003, 163, 1615-1621.	3.8	76
9	Multidimensional Alignment Using the Euclidean Distance Transform. <i>Graphical Models</i> , 1997, 59, 373-387.	1.3	72
10	Lateralization and adaptation of a continuously variable behavior following lesions of a reticulospinal command neuron. <i>Brain Research</i> , 1988, 473, 15-28.	2.2	55
11	Informatics Center for Mouse Genomics: The Dissection of Complex Traits of the Nervous System. <i>Neuroinformatics</i> , 2003, 1, 327-342.	2.8	47
12	Elastic 3-D alignment of rat brain histological images. <i>IEEE Transactions on Medical Imaging</i> , 2003, 22, 1480-1489.	8.9	39
13	Contour-based surface reconstruction using MPU implicit models. <i>Graphical Models</i> , 2007, 69, 139-157.	2.4	37
14	A review of Mauthner-initiated escape behavior and its possible role in hatching in the immature zebrafish, <i>Brachydanio rerio</i> . <i>Environmental Biology of Fishes</i> , 1985, 12, 265-279.	1.0	32
15	Advances in image processing for autoradiography. <i>Journal of Chemical Neuroanatomy</i> , 1991, 4, 329-342.	2.1	29
16	Cryosectioning distortion reduction using tape support. <i>Microscopy Research and Technique</i> , 2001, 53, 239-240.	2.2	25
17	Surface Alignment of an Elastic Body Using a Multiresolution Wavelet Representation. <i>IEEE Transactions on Biomedical Engineering</i> , 2004, 51, 1230-1241.	4.2	20
18	The neuroterrain 3D mouse brain atlas. <i>Frontiers in Neuroinformatics</i> , 2008, 2, 3.	2.5	13

#	ARTICLE	IF	CITATIONS
19	Long-Term Recordings of Multiple, Single-Neurons for Clinical Applications: The Emerging Role of the Bioactive Microelectrode. <i>Materials</i> , 2009, 2, 1762-1794.	2.9	13
20	The INCF Digital Atlasing Program: Report on Digital Atlasing Standards in the Rodent Brain. <i>Nature Precedings</i> , 2009, , .	0.1	7
21	Prenatal Cocaine Exposure Does Not Affect Selected GABAA Receptor Subunit mRNA Expression in Rabbit Visual Cortex. <i>Annals of the New York Academy of Sciences</i> , 1998, 846, 371-374.	3.8	2
22	Brain Spatial Normalization. <i>Methods in Molecular Biology</i> , 2007, 401, 211-234.	0.9	2
23	Image registration using threefold orthogonal wavelet. , 2003, , .		1
24	Mouse Brain Spatial Normalization: The Challenge of Sparse Data. <i>Lecture Notes in Computer Science</i> , 2003, , 349-357.	1.3	1