

Abbas F Sadikot

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,809
citations

279487

23
h-index

315357

38
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43
all docs

43
docs citations

43
times ranked

2413
citing authors

#	ARTICLE	IF	CITATIONS
1	Pitx3 is required for motor activity and for survival of a subset of midbrain dopaminergic neurons. <i>Development (Cambridge)</i> , 2003, 130, 2535-2542.	1.2	270
2	Intraoperative ultrasound for guidance and tissue shift correction in image-guided neurosurgery. <i>Medical Physics</i> , 2000, 27, 787-800.	1.6	217
3	Neurogenesis and stereological morphometry of calretinin-immunoreactive GABAergic interneurons of the neostriatum. <i>Journal of Comparative Neurology</i> , 2004, 469, 325-339.	0.9	149
4	Glutamate Promotes Proliferation of Striatal Neuronal Progenitors by an NMDA Receptor-Mediated Mechanism. <i>Journal of Neuroscience</i> , 2003, 23, 2239-2250.	1.7	113
5	The primate centromedianâ€“parafascicular complex: Anatomical organization with a note on neuromodulation. <i>Brain Research Bulletin</i> , 2009, 78, 122-130.	1.4	112
6	Three-dimensional database of subcortical electrophysiology for image-guided stereotactic functional neurosurgery. <i>IEEE Transactions on Medical Imaging</i> , 2003, 22, 93-104.	5.4	78
7	IBIS: an OR ready open-source platform for image-guided neurosurgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 363-378.	1.7	74
8	Optimal location of thalamotomy lesions for tremor associated with Parkinson disease: a probabilistic analysis based on postoperative magnetic resonance imaging and an integrated digital atlas. <i>Journal of Neurosurgery</i> , 2002, 96, 854-866.	0.9	62
9	A brain network model explaining tremor in Parkinson's disease. <i>Neurobiology of Disease</i> , 2016, 85, 49-59.	2.1	56
10	The transcription factor Pitx3 is expressed selectively in midbrain dopaminergic neurons susceptible to neurodegenerative stress. <i>Journal of Neurochemistry</i> , 2013, 125, 932-943.	2.1	52
11	The impact of ventrolateral thalamotomy on tremor and voluntary motor behavior in patients with Parkinsonâ€™s disease. <i>Experimental Brain Research</i> , 2006, 170, 160-171.	0.7	47
12	Impaired TrkB Signaling Underlies Reduced BDNF-Mediated Trophic Support of Striatal Neurons in the R6/2 Mouse Model of Huntingtonâ€™s Disease. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 37.	1.8	47
13	Bradykinesia in patients with essential tremor. <i>Brain Research</i> , 2006, 1115, 213-216.	1.1	44
14	Neurogenesis in the mammalian neostriatum and nucleus accumbens: Parvalbumin-immunoreactive GABAergic interneurons. <i>Journal of Comparative Neurology</i> , 1997, 389, 193-211.	0.9	42
15	Glutamate and Regulation of Proliferation in the Developing Mammalian Telencephalon. <i>Developmental Neuroscience</i> , 2004, 26, 218-228.	1.0	41
16	Group I mGluR5 metabotropic glutamate receptors regulate proliferation of neuronal progenitors in specific forebrain developmental domains. <i>Journal of Neurochemistry</i> , 2008, 104, 155-172.	2.1	36
17	Metacognitive knowledge of olfactory dysfunction in Parkinsonâ€™s disease. <i>Brain and Cognition</i> , 2016, 104, 1-6.	0.8	36
18	Characterization of dopaminergic midbrain neurons in a DBH:BDNF transgenic mouse. , 1999, 413, 449-462.		30

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19	Evidence that ventrolateral thalamotomy may eliminate the supraspinal component of both pathological and physiological tremors. <i>Experimental Brain Research</i> , 2000, 132, 216-222.	0.7	28
20	The impact of ventrolateral thalamotomy on high-frequency components of tremor. <i>Clinical Neurophysiology</i> , 2005, 116, 1391-1399.	0.7	27
21	Creation of Computerized 3D MRI-Integrated Atlases of the Human Basal Ganglia and Thalamus. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 71.	1.2	26
22	The relationship between physiological tremor and the performance of rapid alternating movements in healthy elderly subjects. <i>Experimental Brain Research</i> , 2001, 139, 412-418.	0.7	25
23	The detection of tremor during slow alternating movements performed by patients with early Parkinson's disease. <i>Experimental Brain Research</i> , 2004, 154, 395-398.	0.7	23
24	Three-dimensional somatotopic organization and probabilistic mapping of motor responses from the human internal capsule. <i>Journal of Neurosurgery</i> , 2011, 114, 1706-1714.	0.9	23
25	Drug-induced dyskinesia in Parkinson's disease. Should success in clinical management be a function of improvement of motor repertoire rather than amplitude of dyskinesia?. <i>BMC Medicine</i> , 2013, 11, 76.	2.3	22
26	The noradrenergic system is necessary for survival of vulnerable midbrain dopaminergic neurons: implications for development and Parkinson's disease. <i>Neurobiology of Aging</i> , 2020, 85, 22-37.	1.5	21
27	Spatial memory formation requires netrin-1 expression by neurons in the adult mammalian brain. <i>Learning and Memory</i> , 2019, 26, 77-83.	0.5	20
28	The Role of the Subthalamic Nucleus in Inhibitory Control of Oculomotor Behavior in Parkinson's Disease. <i>Scientific Reports</i> , 2020, 10, 5429.	1.6	15
29	Are quantitative and clinical measures of bradykinesia related in advanced Parkinson's disease?. <i>Journal of Neuroscience Methods</i> , 2013, 219, 220-223.	1.3	14
30	Inter-limb coupling during diadochokinesis in Parkinson's and Huntington's disease. <i>Neuroscience Research</i> , 2015, 97, 60-68.	1.0	10
31	The netrin-1 receptor <i>DCC</i> promotes the survival of a subpopulation of midbrain dopaminergic neurons: Relevance for ageing and Parkinson's disease. <i>Journal of Neurochemistry</i> , 2022, 161, 254-265.	2.1	9
32	Thalamostriatal degeneration contributes to dystonia and cholinergic interneuron dysfunction in a mouse model of Huntington's disease. <i>Acta Neuropathologica Communications</i> , 2020, 8, 14.	2.4	8
33	Subthalamic stimulation improves motor function but not home and neighborhood mobility. <i>Movement Disorders</i> , 2014, 29, 1816-1819.	2.2	7
34	The Amygdalostriatal Projection. <i>Advances in Behavioral Biology</i> , 1996, , 33-42.	0.2	6
35	Subthalamic deep brain stimulation and dopaminergic medication in Parkinson's disease: Impact on inter-limb coupling. <i>Neuroscience</i> , 2016, 335, 9-19.	1.1	4
36	Pitch and Rhythm Perception and Verbal Short-Term Memory in Acute Traumatic Brain Injury. <i>Brain Sciences</i> , 2021, 11, 1173.	1.1	4

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37	Physical Activity in Advanced Parkinson's Disease: Impact of Subthalamic Deep Brain Stimulation. Journal of Parkinson's Disease, 2015, 5, 85-93.	1.5	3
38	Postural Tremors. , 2013, , 133-150.		3
39	Chylomicron retention disease: Dystonia as a new clinical feature. Movement Disorders, 2010, 25, 1755-1756.	2.2	2
40	BAG3P215L/KO Mice as a Model of BAG3P209L Myofibrillar Myopathy. American Journal of Pathology, 2020, 190, 554-562.	1.9	1
41	<title>Interactive 3D visualization tools for stereotactic atlas-based functional neurosurgery</title>. , 1998, , .		0
42	Presurgical Motor and Somatosensory Cortex Mapping with fMRI and PET. Neurosurgery, 1999, 45, 729-729.	0.6	0