

Bashir Jarraya

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

2,528
citations

279778

23
h-index

265191

42
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47
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docs citations

47
times ranked

3773
citing authors

#	ARTICLE	IF	CITATIONS
1	Macroscopic Quantities of Collective Brain Activity during Wakefulness and Anesthesia. <i>Cerebral Cortex</i> , 2022, 32, 298-311.	2.9	6
2	Personality Related to Quality-of-Life Improvement After Deep Brain Stimulation in Parkinson's Disease (PSYCHO-STIM II). <i>Journal of Parkinson's Disease</i> , 2022, 12, 699-711.	2.8	3
3	Deep brain stimulation of the thalamus restores signatures of consciousness in a nonhuman primate model. <i>Science Advances</i> , 2022, 8, eabl5547.	10.3	47
4	Long-Term Efficacy of Occipital Nerve Stimulation for Medically Intractable Cluster Headache. <i>Neurosurgery</i> , 2021, 88, 375-383.	1.1	26
5	Signature of consciousness in brain-wide synchronization patterns of monkey and human fMRI signals. <i>NeuroImage</i> , 2021, 226, 117470.	4.2	33
6	Hierarchical disruption in the cortex of anesthetized monkeys as a new signature of consciousness loss. <i>NeuroImage</i> , 2021, 227, 117618.	4.2	18
7	Personality dimensions of patients can change during the course of parkinson's disease. <i>PLoS ONE</i> , 2021, 16, e0245142.	2.5	5
8	Using non-invasive neuroimaging to enhance the care, well-being and experimental outcomes of laboratory non-human primates (monkeys). <i>NeuroImage</i> , 2021, 228, 117667.	4.2	13
9	Occipital Nerve Stimulation for Refractory Chronic Cluster Headache: A Cost-Effectiveness Study. <i>Neuromodulation</i> , 2021, 24, 1083-1092.	0.8	5
10	Combining brain perturbation and neuroimaging in non-human primates. <i>NeuroImage</i> , 2021, 235, 118017.	4.2	50
11	Preoperative REM Sleep Behavior Disorder and Subthalamic Nucleus Deep Brain Stimulation Outcome in Parkinson Disease 1 Year After Surgery. <i>Neurology</i> , 2021, 97, e1994-e2006.	1.1	2
12	Pypreclin: An automatic pipeline for macaque functional MRI preprocessing. <i>NeuroImage</i> , 2020, 207, 116353.	4.2	20
13	Personality Dimensions Are Associated with Quality of Life in Fluctuating Parkinson's Disease Patients (PSYCHO-STIM). <i>Journal of Parkinson's Disease</i> , 2020, 10, 1-9.	2.8	4
14	Accelerating the Evolution of Nonhuman Primate Neuroimaging. <i>Neuron</i> , 2020, 105, 600-603.	8.1	92
15	Resting-state Dynamics as a Cortical Signature of Anesthesia in Monkeys. <i>Anesthesiology</i> , 2018, 129, 942-958.	2.5	87
16	An Open Resource for Non-human Primate Imaging. <i>Neuron</i> , 2018, 100, 61-74.e2.	8.1	190
17	Occipital nerve stimulation improves the quality of life in medically-intractable chronic cluster headache: Results of an observational prospective study. <i>Cephalalgia</i> , 2017, 37, 1173-1179.	3.9	53
18	Cerebral responses to local and global auditory novelty under general anesthesia. <i>NeuroImage</i> , 2016, 141, 326-340.	4.2	48

#	ARTICLE	IF	CITATIONS
19	Signature of consciousness in the dynamics of resting-state brain activity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 887-892.	7.1	558
20	Representation of Numerical and Sequential Patterns in Macaque and Human Brains. Current Biology, 2015, 25, 1966-1974.	3.9	132
21	Using the Accelerometers Integrated in Smartphones to Evaluate Essential Tremor. Stereotactic and Functional Neurosurgery, 2015, 93, 94-101.	1.5	22
22	Sedation Agents Differentially Modulate Cortical and Subcortical Blood Oxygenation: Evidence from Ultra-High Field MRI at 17.2 T. PLoS ONE, 2014, 9, e100323.	2.5	14
23	Quantification of iron in the non-human primate brain with diffusion-weighted magnetic resonance imaging. NeuroImage, 2014, 102, 789-797.	4.2	21
24	A Hierarchy of Responses to Auditory Regularities in the Macaque Brain. Journal of Neuroscience, 2014, 34, 1127-1132.	3.6	89
25	Cerebral mechanisms of general anesthesia. Annales Francaises D'Anesthesie Et De Reanimation, 2014, 33, 72-82.	1.4	47
26	Dopaminergic Reward Signals Selectively Decrease fMRI Activity in Primate Visual Cortex. Neuron, 2013, 77, 1174-1186.	8.1	109
27	Spinal cord stimulation for chronic pain improved motor function in a patient with Parkinson's disease. Parkinsonism and Related Disorders, 2012, 18, 213-214.	2.2	64
28	Neural Correlates of the Formation and Retention of Cocaine-Induced Stimulus-Reward Associations. Biological Psychiatry, 2012, 72, 422-428.	1.3	15
29	Brain tissue water comes in two pools: Evidence from diffusion and R2* measurements with USPIOs in non human primates. NeuroImage, 2012, 62, 9-16.	4.2	10
30	Unilateral thalamic stimulation safely improved fragile X-associated tremor ataxia: A case report. Movement Disorders, 2012, 27, 797-799.	3.9	18
31	Effects of Anesthetic Agents on Brain Blood Oxygenation Level Revealed with Ultra-High Field MRI. PLoS ONE, 2012, 7, e32645.	2.5	28
32	Direct visualization of non-human primate subcortical nuclei with contrast-enhanced high field MRI. NeuroImage, 2011, 58, 60-68.	4.2	14
33	Chronic systemic treatment with a high-dose proteasome inhibitor in mice produces akinesia unrelated to nigrostriatal degeneration. Neurobiology of Aging, 2011, 32, 2100-2102.	3.1	7
34	fMRI of Cocaine Self-Administration in Macaques Reveals Functional Inhibition of Basal Ganglia. Neuropsychopharmacology, 2011, 36, 1187-1198.	5.4	47
35	Long-term Results of the Neuroendoscopic Management of Colloid Cysts of the Third Ventricle: A Series of 90 Cases. Neurosurgery, 2011, 68, 179-187.	1.1	105
36	Paroxysmal positive symptoms caused by hardware malfunctioning in deep brain stimulation. Brain Stimulation, 2010, 3, 61-62.	1.6	3

#	ARTICLE	IF	CITATIONS
37	Disruption of cigarette smoking addiction after posterior cingulate damage. Journal of Neurosurgery, 2010, 113, 1219-1221.	1.6	30
38	Dopamine Gene Therapy for Parkinson's Disease in a Nonhuman Primate Without Associated Dyskinesia. Science Translational Medicine, 2009, 1, 2ra4.	12.4	159
39	Brain ventricular wall movement assessed by a gated cine MR trueFISP sequence in patients treated with endoscopic third ventriculostomy. European Radiology, 2009, 19, 2789-2797.	4.5	17
40	Genetics lends a hand. Nature, 2008, 453, 863-864.	27.8	0
41	Expression of Mutated Huntingtin Fragment in the Putamen Is Sufficient to Produce Abnormal Movement in Non-human Primates. Molecular Therapy, 2007, 15, 1444-1451.	8.2	83
42	Functional Recovery in a Primate Model of Parkinson's Disease following Motor Cortex Stimulation. Neuron, 2004, 44, 769-778.	8.1	169
43	Parkinson's disease, subthalamic stimulation, and selection of candidates: A pathological study. Movement Disorders, 2003, 18, 1517-1520.	3.9	54