

Fatima Ali Nasrallah

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5930003/publications.pdf>

Version: 2024-02-01

40
papers

1,241
citations

393982

19
h-index

395343

33
g-index

41
all docs

41
docs citations

41
times ranked

1990
citing authors

#	ARTICLE	IF	CITATIONS
1	Traumatic brain injury fast-forwards Alzheimer’s pathology: evidence from amyloid positron emission tomography imaging. <i>Journal of Neurology</i> , 2022, 269, 873-884.	1.8	19
2	A roadmap of brain recovery in a mouse model of concussion: insights from neuroimaging. <i>Acta Neuropathologica Communications</i> , 2021, 9, 2.	2.4	12
3	Ultra-High-Field Diffusion Tensor Imaging Identifies Discrete Patterns of Concussive Injury in the Rodent Brain. <i>Journal of Neurotrauma</i> , 2021, 38, 967-982.	1.7	8
4	White Matter Alterations Are Associated With Cognitive Dysfunction Decades After Moderate-to-Severe Traumatic Brain Injury and/or Posttraumatic Stress Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 1100-1109.	1.1	14
5	Multi-modal magnetic resonance imaging in a mouse model of concussion. <i>Scientific Data</i> , 2021, 8, 207.	2.4	7
6	Evaluating spatiotemporal microstructural alterations following diffuse traumatic brain injury. <i>NeuroImage: Clinical</i> , 2020, 25, 102136.	1.4	24
7	Combined Diffusion Tensor Imaging and Quantitative Susceptibility Mapping Discern Discrete Facets of White Matter Pathology Post-injury in the Rodent Brain. <i>Frontiers in Neurology</i> , 2020, 11, 153.	1.1	14
8	Functional connectivity of brain associated with passive range of motion exercise: Proprioceptive input promoting motor activation?. <i>NeuroImage</i> , 2019, 202, 116023.	2.1	15
9	Altered Motor and Motor Perceptual Cognitive Imagery Task-Related Activation in Diabetic Peripheral Neuropathy: Insights From Functional MRI. <i>Diabetes Care</i> , 2019, 42, 2004-2007.	4.3	6
10	Tauopathy in veterans with long-term posttraumatic stress disorder and traumatic brain injury. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1139-1151.	3.3	51
11	Response to the letter concerning the publication: Amyloid pathology fingerprint differentiates post-traumatic stress disorder and traumatic brain injury. Mohamed AZ, et al. <i>NeuroImage Clinical</i> 2018 June 5;19:716-726. <i>NeuroImage: Clinical</i> , 2019, 23, 101867.	1.4	0
12	Evaluation of nuisance removal for functional MRI of rodent brain. <i>NeuroImage</i> , 2019, 188, 694-709.	2.1	30
13	Diffusion Magnetic Resonance Imaging Unveils the Spatiotemporal Microstructural Gray Matter Changes following Injury in the Rodent Brain. <i>Journal of Neurotrauma</i> , 2019, 36, 1306-1317.	1.7	15
14	Multimodal analysis of aged wild-type mice exposed to repeated scanning ultrasound treatments demonstrates long-term safety. <i>Theranostics</i> , 2018, 8, 6233-6247.	4.6	30
15	Amyloid pathology fingerprint differentiates post-traumatic stress disorder and traumatic brain injury. <i>NeuroImage: Clinical</i> , 2018, 19, 716-726.	1.4	48
16	GABAergic effect on resting-state functional connectivity: Dynamics under pharmacological antagonism. <i>NeuroImage</i> , 2017, 149, 53-62.	2.1	19
17	Functional networks and network perturbations in rodents. <i>NeuroImage</i> , 2017, 163, 419-436.	2.1	55
18	Brain plasticity following MI-BCI training combined with tDCS in a randomized trial in chronic subcortical stroke subjects: a preliminary study. <i>Scientific Reports</i> , 2017, 7, 9222.	1.6	51

#	ARTICLE	IF	CITATIONS
19	Characterisation and evaluation of soft elastomeric actuators for hand assistive and rehabilitation applications. <i>Journal of Medical Engineering and Technology</i> , 2016, 40, 199-209.	0.8	54
20	Toluene inhalation in adolescent rats reduces flexible behaviour in adulthood and alters glutamatergic and GABAergic signalling. <i>Journal of Neurochemistry</i> , 2016, 139, 806-822.	2.1	25
21	Resting state functional connectivity data supports detection of cognition in the rodent brain. <i>Data in Brief</i> , 2016, 7, 1156-1164.	0.5	7
22	Functional connectivity MRI tracks memory networks after maze learning in rodents. <i>NeuroImage</i> , 2016, 127, 196-202.	2.1	30
23	Dependence of BOLD signal fluctuation on arterial blood CO ₂ and O ₂ : Implication for resting-state functional connectivity. <i>NeuroImage</i> , 2015, 117, 29-39.	2.1	33
24	Pharmacokinetics of Gd(DOTA-Lys) and MR imaging studies in an orthotopic U87MG glioma tumor model. <i>Contrast Media and Molecular Imaging</i> , 2015, 10, 237-244.	0.4	7
25	Metabolomic Approaches to Defining the Role(s) of GABA _A Receptors in the Brain. <i>Journal of NeuroImmune Pharmacology</i> , 2015, 10, 445-456.	2.1	7
26	Ethanol, not detectably metabolized in brain, significantly reduces brain metabolism, probably via action at specific GABA _A receptors and has measurable metabolic effects at very low concentrations. <i>Journal of Neurochemistry</i> , 2014, 129, 304-314.	2.1	22
27	Neural correlate of resting-state functional connectivity under \pm adrenergic receptor agonist, medetomidine. <i>NeuroImage</i> , 2014, 84, 27-34.	2.1	42
28	Pharmacological insight into neurotransmission origins of resting-state functional connectivity: \pm adrenergic agonist vs antagonist. <i>NeuroImage</i> , 2014, 103, 364-373.	2.1	16
29	Detection of functional connectivity in the resting mouse brain. <i>NeuroImage</i> , 2014, 86, 417-424.	2.1	96
30	Imaging Brain Deoxyglucose Uptake and Metabolism by Glucocest MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1270-1278.	2.4	150
31	Pharmacological modulation of functional connectivity: \pm adrenergic receptor agonist alters synchrony but not neural activation. <i>NeuroImage</i> , 2012, 60, 436-446.	2.1	45
32	Metabolism, Compartmentation, Transport and Production of Acetate in the Cortical Brain Tissue Slice. <i>Neurochemical Research</i> , 2012, 37, 2541-2553.	1.6	71
33	Optimization of flow-sensitive alternating inversion recovery (FAIR) for perfusion functional MRI of rodent brain. <i>NMR in Biomedicine</i> , 2012, 25, 1209-1216.	1.6	19
34	Activity-dependent γ -aminobutyric acid release controls brain cortical tissue slice metabolism. <i>Journal of Neuroscience Research</i> , 2011, 89, 1935-1945.	1.3	12
35	γ -Hydroxybutyrate and the GABAergic footprint: a metabolomic approach to unpicking the actions of GHB. <i>Journal of Neurochemistry</i> , 2010, 115, 58-67.	2.1	32
36	Metabolic Effects of Blocking Lactate Transport in Brain Cortical Tissue Slices Using an Inhibitor Specific to MCT1 and MCT2. <i>Neurochemical Research</i> , 2009, 34, 1783-1791.	1.6	19

#	ARTICLE	IF	CITATIONS
37	Understanding your inhibitions: effects of GABA and GABA _A receptor modulation on brain cortical metabolism. <i>Journal of Neurochemistry</i> , 2009, 108, 57-71.	2.1	15
38	Modulation of brain metabolism by very low concentrations of the commonly used drug delivery vehicle dimethyl sulfoxide (DMSO). <i>Journal of Neuroscience Research</i> , 2008, 86, 208-214.	1.3	47
39	Understanding Your Inhibitions: Modulation of Brain Cortical Metabolism by GABAB Receptors. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 1510-1520.	2.4	24
40	Alanine metabolism, transport, and cycling in the brain. <i>Journal of Neurochemistry</i> , 2007, 102, 1758-1770.	2.1	48