

Firat Kara

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

319
citations

1163117

8
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

2882
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>maset2</i> mutant zebrafish model familial cystic leukoencephalopathy and reveal a role for RNase T2 in degrading ribosomal RNA. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1099-1103.	7.1	91
2	Interleukin-13 immune gene therapy prevents CNS inflammation and demyelination via alternative activation of microglia and macrophages. <i>Glia</i> , 2016, 64, 2181-2200.	4.9	53
3	Longitudinal monitoring of metabolic alterations in cuprizone mouse model of multiple sclerosis using 1H-magnetic resonance spectroscopy. <i>NeuroImage</i> , 2015, 114, 128-135.	4.2	33
4	Cholinergic and serotonergic modulations differentially affect large-scale functional networks in the mouse brain. <i>Brain Structure and Function</i> , 2016, 221, 3067-3079.	2.3	31
5	Standardization of Small Animal Imaging—Current Status and Future Prospects. <i>Molecular Imaging and Biology</i> , 2018, 20, 716-731.	2.6	24
6	Cuprizone-induced demyelination and demyelination-associated inflammation result in different proton magnetic resonance metabolite spectra. <i>NMR in Biomedicine</i> , 2015, 28, 505-513.	2.8	20
7	Image-guided phenotyping of ovariectomized mice: altered functional connectivity, cognition, myelination, and dopaminergic functionality. <i>Neurobiology of Aging</i> , 2019, 74, 77-89.	3.1	14
8	In vivo measurement of transverse relaxation time in the mouse brain at 17.6 T. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 985-993.	3.0	11
9	Magnetic resonance spectroscopy in the rodent brain: Experts' consensus recommendations. <i>NMR in Biomedicine</i> , 2021, 34, e4325.	2.8	9
10	1H MR spectroscopy biomarkers of neuronal and synaptic function are associated with tau deposition in cognitively unimpaired older adults. <i>Neurobiology of Aging</i> , 2022, 112, 16-26.	3.1	9
11	In Vivo Preclinical Molecular Imaging of Repeated Exposure to an <i>N</i> -methyl-d-aspartate Antagonist and a Glutaminase Inhibitor as Potential Glutamatergic Modulators. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 368, 382-390.	2.5	7
12	Long-term ovarian hormone deprivation alters functional connectivity, brain neurochemical profile and white matter integrity in the Tg2576 amyloid mouse model of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2021, 102, 139-150.	3.1	7
13	Plug-and-play advanced magnetic resonance spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 2613-2620.	3.0	5
14	Prospects of Magnetic Resonance Spectroscopy in Mouse Models of Alzheimers Disease. <i>Current Medical Imaging</i> , 2011, 7, 80-87.	0.8	4
15	Long-term deprivation of ovarian hormones via ovariectomy alters functional connectivity, brain neurochemistry and white matter integrity in a mouse model of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e037354.	0.8	1
16	P4-116: DIRECT IN VIVO ASSESSMENT OF SEX-RELATED METABOLIC DIFFERENCES IN A MOUSE MODEL OF ALZHEIMER'S DISEASE BY MRI. , 2014, 10, P826-P826.		0
17	Preservation of white matter integrity on DTI 3 years after early menopausal hormone therapies. <i>Alzheimer's and Dementia</i> , 2020, 16, e036886.	0.8	0