

Guadalupe Soria

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,660
citations

257450

24
h-index

289244

40
g-index

50
all docs

50
docs citations

50
times ranked

2961
citing authors

#	ARTICLE	IF	CITATIONS
1	Food craving-like episodes during pregnancy are mediated by accumbal dopaminergic circuits. <i>Nature Metabolism</i> , 2022, 4, 424-434.	11.9	13
2	Brain connectivity during Alzheimer's disease progression and its cognitive impact in a transgenic rat model. <i>Network Neuroscience</i> , 2020, 4, 397-415.	2.6	12
3	M2 cortex-dorsolateral striatum stimulation reverses motor symptoms and synaptic deficits in Huntington's disease. <i>ELife</i> , 2020, 9, .	6.0	25
4	Endoscopic Endonasal Transclival Approach to the Ventral Brainstem: Anatomic Study of the Safe Entry Zones Combining Fiber Dissection Technique with 7 Tesla Magnetic Resonance Guided Neuronavigation. <i>Operative Neurosurgery</i> , 2019, 16, 239-249.	0.8	10
5	Resting State Networks in the TgF344-AD Rat Model of Alzheimer's Disease Are Altered From Early Stages. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 213.	3.4	16
6	Early brain connectivity alterations and cognitive impairment in a rat model of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 16.	6.2	57
7	1H Spectroscopic Imaging of the Rodent Brain. <i>Methods in Molecular Biology</i> , 2018, 1718, 189-202.	0.9	0
8	Structural and functional brain alterations in a murine model of Angiotensin II-induced hypertension. <i>Journal of Neurochemistry</i> , 2017, 140, 509-521.	3.9	36
9	Effects of Orientation and Anisometry of Magnetic Resonance Imaging Acquisitions on Diffusion Tensor Imaging and Structural Connectomes. <i>PLoS ONE</i> , 2017, 12, e0170703.	2.5	6
10	Clinical Neuropathology image 4-2017: High-resolution 7 Tesla MRI of postmortem brain specimens: improving neuroimaging-neuropathology correlations. , 2017, 36, 162-163.		1
11	Imaging white-matter pathways of the auditory system with diffusion imaging tractography. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2015, 129, 277-288.	1.8	11
12	The natural hallucinogen 5-MeO-DMT, component of Ayahuasca, disrupts cortical function in rats: reversal by antipsychotic drugs. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1269-1282.	2.1	57
13	Anatomic Study of the Central Core of the Cerebrum Correlating 7-T Magnetic Resonance Imaging and Fiber Dissection With the Aid of a Neuronavigation System. <i>Operative Neurosurgery</i> , 2014, 10, 294-304.	0.8	13
14	Infarct volume prediction using apparent diffusion coefficient maps during middle cerebral artery occlusion and soon after reperfusion in the rat. <i>Brain Research</i> , 2014, 1583, 169-178.	2.2	6
15	DWI and complex brain network analysis predicts vascular cognitive impairment in spontaneous hypertensive rats undergoing executive function tests. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 167.	3.4	24
16	Anatomic Skull Base Education Using Advanced Neuroimaging Techniques. <i>World Neurosurgery</i> , 2013, 79, S16.e9-S16.e13.	1.3	32
17	Increased Corticospinal Tract Fractional Anisotropy Can Discriminate Stroke Onset Within the First 4.5 Hours. <i>Stroke</i> , 2013, 44, 1162-1165.	2.0	11
18	Increased nitric oxide production in lymphatic endothelial cells causes impairment of lymphatic drainage in cirrhotic rats. <i>Gut</i> , 2013, 62, 138-145.	12.1	47

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19	A Magnetic Resonance Image Based Atlas of the Rabbit Brain for Automatic Parcellation. PLoS ONE, 2013, 8, e67418.	2.5	30
20	The Ins and Outs of the BCCAO Model for Chronic Hypoperfusion: A Multimodal and Longitudinal MRI Approach. PLoS ONE, 2013, 8, e74631.	2.5	45
21	Improving image quality in small animal diffusion tensor imaging at 7T. , 2012, , .		0
22	A complementary diffusion tensor imaging (DTI)-histological study in a model of Huntington's disease. Neurobiology of Aging, 2012, 33, 945-959.	3.1	29
23	Functional anatomy of subcortical circuits issuing from or integrating at the human brainstem. Clinical Neurophysiology, 2012, 123, 4-12.	1.5	30
24	Quantification of Thrombus Hounsfield Units on Noncontrast CT Predicts Stroke Subtype and Early Recanalization after Intravenous Recombinant Tissue Plasminogen Activator. American Journal of Neuroradiology, 2012, 33, 90-96.	2.4	120
25	Anti-Obesity Sodium Tungstate Treatment Triggers Axonal and Glial Plasticity in Hypothalamic Feeding Centers. PLoS ONE, 2012, 7, e39087.	2.5	8
26	In vivo magnetic resonance imaging characterization of bilateral structural changes in experimental Parkinson's disease: a T2 relaxometry study combined with longitudinal diffusion tensor imaging and manganese-enhanced magnetic resonance imaging in the 6-. European Journal of Neuroscience, 2011, 33, 1551-1560.	2.6	48
27	Strain-specific spleen remodelling in Plasmodium yoelii infections in Balb/c mice facilitates adherence and spleen macrophage-clearance escape. Cellular Microbiology, 2011, 13, 109-122.	2.1	43
28	The Use of a Three-Dimensional Novel Computer-Based Model for Analysis of the Endonasal Endoscopic Approach to the Midline Skull Base. World Neurosurgery, 2011, 75, 106-113.	1.3	33
29	Regulation of the immediate-early genes arc and zif268 in a mouse operant model of cocaine seeking reinstatement. Journal of Neural Transmission, 2011, 118, 877-887.	2.8	19
30	Improved Assessment of <i>Ex Vivo</i> Brainstem Neuroanatomy With High-Resolution MRI and DTI at 7 Tesla. Anatomical Record, 2011, 294, 1035-1044.	1.4	36
31	Acute Damage to the Posterior Limb of the Internal Capsule on Diffusion Tensor Tractography as an Early Imaging Predictor of Motor Outcome after Stroke. American Journal of Neuroradiology, 2011, 32, 857-863.	2.4	151
32	Polarization second harmonic generation (PSHG) imaging of neurons: estimating the effective orientation of the SHG source in axons. Proceedings of SPIE, 2010, , .	0.8	1
33	Assessing structural characteristics of axons in cortical neurons using polarization sensitive SHG. Proceedings of SPIE, 2010, , .	0.8	0
34	Bicosomes: Bicelles in Dilute Systems. Biophysical Journal, 2010, 99, 480-488.	0.5	25
35	Quantitative discrimination between endogenous SHG sources in mammalian tissue, based on their polarization response. Optics Express, 2009, 17, 10168.	3.4	58
36	Estimation of the effective orientation of the SHG source in primary cortical neurons. Optics Express, 2009, 17, 14418.	3.4	52

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37	Contrast enhancement in second harmonic imaging: discriminating between muscle and collagen. Proceedings of SPIE, 2009, , .	0.8	0
38	A reliable method to study cue-, priming-, and stress-induced reinstatement of cocaine self-administration in mice. Psychopharmacology, 2008, 199, 593-603.	3.1	52
39	Behavioural and biochemical responses to morphine associated with its motivational properties are altered in adenosine A _{2A} receptor knockout mice. British Journal of Pharmacology, 2008, 155, 757-766.	5.4	22
40	Reproducible imaging of rat corticothalamic pathway by longitudinal manganese-enhanced MRI (L-MEMRI). NeuroImage, 2008, 41, 668-674.	4.2	25
41	Attenuation of nicotine-induced rewarding effects in A2A knockout mice. Neuropharmacology, 2006, 51, 631-640.	4.1	50
42	A reliable model of intravenous MDMA self-administration in naïve mice. Psychopharmacology, 2006, 184, 212-220.	3.1	49
43	The Lack of A2A Adenosine Receptors Diminishes the Reinforcing Efficacy of Cocaine. Neuropsychopharmacology, 2006, 31, 978-987.	5.4	79
44	Lack of CB1 Cannabinoid Receptor Impairs Cocaine Self-Administration. Neuropsychopharmacology, 2005, 30, 1670-1680.	5.4	197
45	Adenosine A2A receptors are involved in physical dependence and place conditioning induced by THC. European Journal of Neuroscience, 2004, 20, 2203-2213.	2.6	74