

# 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	Lack of CB1 Cannabinoid Receptor Impairs Cocaine Self-Administration. <i>Neuropsychopharmacology</i> , 2005, 30, 1670-1680.	5.4	197
2	Acute Damage to the Posterior Limb of the Internal Capsule on Diffusion Tensor Tractography as an Early Imaging Predictor of Motor Outcome after Stroke. <i>American Journal of Neuroradiology</i> , 2011, 32, 857-863.	2.4	151
3	Quantification of Thrombus Hounsfield Units on Noncontrast CT Predicts Stroke Subtype and Early Recanalization after Intravenous Recombinant Tissue Plasminogen Activator. <i>American Journal of Neuroradiology</i> , 2012, 33, 90-96.	2.4	120
4	The Lack of A2A Adenosine Receptors Diminishes the Reinforcing Efficacy of Cocaine. <i>Neuropsychopharmacology</i> , 2006, 31, 978-987.	5.4	79
5	Adenosine A2A receptors are involved in physical dependence and place conditioning induced by THC. <i>European Journal of Neuroscience</i> , 2004, 20, 2203-2213.	2.6	74
6	Quantitative discrimination between endogenous SHG sources in mammalian tissue, based on their polarization response. <i>Optics Express</i> , 2009, 17, 10168.	3.4	58
7	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
8	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
9	A reliable method to study cue-, priming-, and stress-induced reinstatement of cocaine self-administration in mice. <i>Psychopharmacology</i> , 2008, 199, 593-603.	3.1	52
10	Estimation of the effective orientation of the SHG source in primary cortical neurons. <i>Optics Express</i> , 2009, 17, 14418.	3.4	52
11	Attenuation of nicotine-induced rewarding effects in A2A knockout mice. <i>Neuropharmacology</i> , 2006, 51, 631-640.	4.1	50
12	A reliable model of intravenous MDMA self-administration in naïve mice. <i>Psychopharmacology</i> , 2006, 184, 212-220.	3.1	49
13	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-. <i>European Journal of Neuroscience</i> , 2011, 33, 1551-1560.	2.6	48
14	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
15	The Ins and Outs of the BCCAO Model for Chronic Hypoperfusion: A Multimodal and Longitudinal MRI Approach. <i>PLoS ONE</i> , 2013, 8, e74631.	2.5	45
16	Strain-specific spleen remodelling in <i>Plasmodium yoelii</i> infections in Balb/c mice facilitates adherence and spleen macrophage-clearance escape. <i>Cellular Microbiology</i> , 2011, 13, 109-122.	2.1	43
17	Improved Assessment of <i>Ex Vivo</i> Brainstem Neuroanatomy With High-Resolution MRI and DTI at 7 Tesla. <i>Anatomical Record</i> , 2011, 294, 1035-1044.	1.4	36
18	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

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19	The Use of a Three-Dimensional Novel Computer-Based Model for Analysis of the Endonasal Endoscopic Approach to the Midline Skull Base. <i>World Neurosurgery</i> , 2011, 75, 106-113.	1.3	33
20	Anatomic Skull Base Education Using Advanced Neuroimaging Techniques. <i>World Neurosurgery</i> , 2013, 79, S16.e9-S16.e13.	1.3	32
21	Functional anatomy of subcortical circuits issuing from or integrating at the human brainstem. <i>Clinical Neurophysiology</i> , 2012, 123, 4-12.	1.5	30
22	A Magnetic Resonance Image Based Atlas of the Rabbit Brain for Automatic Parcellation. <i>PLoS ONE</i> , 2013, 8, e67418.	2.5	30
23	A complementary diffusion tensor imaging (DTI)-histological study in a model of Huntington's disease. <i>Neurobiology of Aging</i> , 2012, 33, 945-959.	3.1	29
24	Reproducible imaging of rat corticothalamic pathway by longitudinal manganese-enhanced MRI (L-MEMRI). <i>NeuroImage</i> , 2008, 41, 668-674.	4.2	25
25	Bicosomes: Bicelles in Dilute Systems. <i>Biophysical Journal</i> , 2010, 99, 480-488.	0.5	25
26	M2 cortex-dorsolateral striatum stimulation reverses motor symptoms and synaptic deficits in Huntington's disease. <i>ELife</i> , 2020, 9, .	6.0	25
27	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
28	Behavioural and biochemical responses to morphine associated with its motivational properties are altered in adenosine A <sub>2A</sub> receptor knockout mice. <i>British Journal of Pharmacology</i> , 2008, 155, 757-766.	5.4	22
29	Regulation of the immediate-early genes arc and zif268 in a mouse operant model of cocaine seeking reinstatement. <i>Journal of Neural Transmission</i> , 2011, 118, 877-887.	2.8	19
30	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
31	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
32	Food craving-like episodes during pregnancy are mediated by accumbal dopaminergic circuits. <i>Nature Metabolism</i> , 2022, 4, 424-434.	11.9	13
33	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
34	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
35	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
36	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

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37	Anti-Obesity Sodium Tungstate Treatment Triggers Axonal and Glial Plasticity in Hypothalamic Feeding Centers. PLoS ONE, 2012, 7, e39087.	2.5	8
38	Infarct volume prediction using apparent diffusion coefficient maps during middle cerebral artery occlusion and soon after reperfusion in the rat. Brain Research, 2014, 1583, 169-178.	2.2	6
39	Effects of Orientation and Anisometry of Magnetic Resonance Imaging Acquisitions on Diffusion Tensor Imaging and Structural Connectomes. PLoS ONE, 2017, 12, e0170703.	2.5	6
40	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
41	Clinical Neuropathology image 4-2017: High-resolution 7 Tesla MRI of postmortem brain specimens: improving neuroimaging-neuropathology correlations. , 2017, 36, 162-163.		1
42	Contrast enhancement in second harmonic imaging: discriminating between muscle and collagen. Proceedings of SPIE, 2009, , .	0.8	0
43	Assessing structural characteristics of axons in cortical neurons using polarization sensitive SHG. Proceedings of SPIE, 2010, , .	0.8	0
44	Improving image quality in small animal diffusion tensor imaging at 7T. , 2012, , .		0
45	<sup>1</sup> H Spectroscopic Imaging of the Rodent Brain. Methods in Molecular Biology, 2018, 1718, 189-202.	0.9	0