

# Juan Antonio González Barrios

## List of Publications by Year in descending order

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41  
papers

915  
citations

516710

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477307

29  
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docs citations

43  
times ranked

1300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acinetobacter baumannii Resistance: A Real Challenge for Clinicians. <i>Antibiotics</i> , 2020, 9, 205.	3.7	131
2	Neurotensin polyplex as an efficient carrier for delivering the human GDNF gene into nigral dopamine neurons of hemiparkinsonian rats. <i>Molecular Therapy</i> , 2006, 14, 857-865.	8.2	68
3	Dual targeting of ANGPT1 and TGFBR2 genes by miR-204 controls angiogenesis in breast cancer. <i>Scientific Reports</i> , 2016, 6, 34504.	3.3	63
4	Transient transfection of human CDNF gene reduces the 6-hydroxydopamine-induced neuroinflammation in the rat substantia nigra. <i>Journal of Neuroinflammation</i> , 2014, 11, 209.	7.2	56
5	Nitric oxide and nitric oxide synthases in the fetal cerebral cortex of rats following transient uteroplacental ischemia. <i>Brain Research</i> , 2002, 945, 114-122.	2.2	49
6	NTS-Polyplex: a potential nanocarrier for neurotrophic therapy of Parkinson's disease. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 1052-1069.	3.3	49
7	Improved neurotensin-vector-mediated gene transfer by the coupling of hemagglutinin HA2 fusogenic peptide and Vp1 SV40 nuclear localization signal. <i>Molecular Brain Research</i> , 2002, 105, 86-97.	2.3	45
8	New insights into radioresistance in breast cancer identify a dual function of miR-122 as a tumor suppressor and oncomiR. <i>Molecular Oncology</i> , 2019, 13, 1249-1267.	4.6	44
9	Tumor suppressor miR-29c regulates radioresistance in lung cancer cells. <i>Tumor Biology</i> , 2017, 39, 101042831769501.	1.8	40
10	The increase in Zinc levels and upregulation of Zinc transporters are mediated by nitric oxide in the cerebral cortex after transient ischemia in the rat. <i>Brain Research</i> , 2008, 1200, 89-98.	2.2	39
11	Acute Neuroinflammatory Response in the Substantia Nigra Pars Compacta of Rats after a Local Injection of Lipopolysaccharide. <i>Journal of Immunology Research</i> , 2018, 2018, 1-19.	2.2	35
12	A microRNA signature associated with pathological complete response to novel neoadjuvant therapy regimen in triple-negative breast cancer. <i>Tumor Biology</i> , 2017, 39, 101042831770289.	1.8	29
13	Biophysical characteristics of neurotensin polyplex for in vitro and in vivo gene transfection. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 1009-1020.	2.4	25
14	Increased nitric oxide levels and nitric oxide synthase isoform expression in the cerebellum of the taiep rat during its severe demyelination stage. <i>Brain Research</i> , 2006, 1121, 221-230.	2.2	19
15	Prophylactic Subacute Administration of Zinc Increases CCL2, CCR2, FGF2, and IGF-1 Expression and Prevents the Long-Term Memory Loss in a Rat Model of Cerebral Hypoxia-Ischemia. <i>Neural Plasticity</i> , 2015, 2015, 1-15.	2.2	19
16	Neurturin overexpression in dopaminergic neurons induces presynaptic and postsynaptic structural changes in rats with chronic 6-hydroxydopamine lesion. <i>PLoS ONE</i> , 2017, 12, e0188239.	2.5	18
17	Evidence in vitro of glial cell priming in the taiep rat. <i>Brain Research</i> , 2003, 965, 274-278.	2.2	16
18	A Novel OsteomiRs Expression Signature for Osteoblast Differentiation of Human Amniotic Membrane-Derived Mesenchymal Stem Cells. <i>BioMed Research International</i> , 2019, 2019, 1-13.	1.9	16

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19	Carbohydrate Intake Modulates the Effect of the ABCA1 -R230C Variant on HDL Cholesterol Concentrations in Premenopausal Women. <i>Journal of Nutrition</i> , 2012, 142, 278-283.	2.9	15
20	Association Between rs3833912/rs16944 SNPs and Risk for Cerebral Palsy in Mexican Children. <i>Molecular Neurobiology</i> , 2019, 56, 1800-1811.	4.0	13
21	Interaction between FTO rs9939609 and the Native American-origin ABCA1 rs9282541 affects BMI in the admixed Mexican population. <i>BMC Medical Genetics</i> , 2017, 18, 46.	2.1	12
22	Genetic diversity of <i>Mycobacterium tuberculosis</i> and transmission associated with first-line drug resistance: a first analysis in Jalisco, Mexico. <i>Journal of Global Antimicrobial Resistance</i> , 2017, 11, 90-97.	2.2	12
23	Subacute Zinc Administration and L-NAME Caused an Increase of NO, Zinc, Lipoperoxidation, and Caspase-3 during a Cerebral Hypoxia-Ischemia Process in the Rat. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-10.	4.0	10
24	Prophylactic Chronic Zinc Administration Increases Neuroinflammation in a Hypoxia-Ischemia Model. <i>Journal of Immunology Research</i> , 2016, 2016, 1-15.	2.2	10
25	Because difficulty is not the same for everyone: the impact of complexity in working memory is associated with cannabinoid 1 receptor genetic variation in young adults. <i>Memory</i> , 2017, 25, 335-343.	1.7	9
26	VNN1 Gene Expression Levels and the G-137T Polymorphism Are Associated with HDL-C Levels in Mexican Prepubertal Children. <i>PLoS ONE</i> , 2012, 7, e49818.	2.5	9
27	Antibiotic-Resistant Septicemia in Pediatric Oncology Patients Associated with Post-Therapeutic Neutropenic Fever. <i>Antibiotics</i> , 2019, 8, 106.	3.7	8
28	The Beta-Lactam Resistome Expressed by Aerobic and Anaerobic Bacteria Isolated from Human Feces of Healthy Donors. <i>Pharmaceuticals</i> , 2021, 14, 533.	3.8	8
29	Characterization of Gene Families Encoding Beta-Lactamases of Gram-Negative Rods Isolated from Ready-to-Eat Vegetables in Mexico City. <i>High-Throughput</i> , 2018, 7, 36.	4.4	7
30	EsxA mainly contributes to the miR-155 overexpression in human monocyte-derived macrophages and potentially affect the immune mechanism of macrophages through miRNA dysregulation. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 185-192.	3.1	7
31	Long-term taurine administration improves motor skills in a tubulinopathy rat model by decreasing oxidative stress and promoting myelination. <i>Molecular and Cellular Neurosciences</i> , 2021, 115, 103643.	2.2	6
32	<i>Mycobacterium tuberculosis</i> as a cause of mandibular osteomyelitis in a young woman: a case report. <i>Journal of Medical Case Reports</i> , 2016, 10, 366.	0.8	5
33	Transcriptional Identification of Related Proteins in the Immune System of the Crayfish <i>Procambarus clarkii</i> . <i>High-Throughput</i> , 2018, 7, 26.	4.4	5
34	Growth factor-enriched autologous plasma improves wound healing after surgical debridement in odontogenic necrotizing fasciitis: a case report. <i>Journal of Medical Case Reports</i> , 2011, 5, 98.	0.8	3
35	Prophylactic Zinc Administration Combined with Swimming Exercise Prevents Cognitive-Emotional Disturbances and Tissue Injury following a Transient Hypoxic-Ischemic Insult in the Rat. <i>Behavioural Neurology</i> , 2022, 2022, 1-20.	2.1	3
36	Active core rewarming avoids bioelectrical impedance changes in postanesthetic patients. <i>BMC Anesthesiology</i> , 2011, 11, 2.	1.8	2

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37	Detection of beta-tubulin in the cytoplasm of the interphasic Entamoeba histolytica trophozoites. Experimental Parasitology, 2016, 167, 38-42.	1.2	2
38	Expression of Gas1 in Mouse Brain: Release and Role in Neuronal Differentiation. Cellular and Molecular Neurobiology, 2018, 38, 841-859.	3.3	2
39	Cerebral dopamine neurotrophic factor transfection in dopamine neurons using neurotensin-polyplex nanoparticles reverses 6-hydroxydopamine-induced nigrostriatal neurodegeneration. Neural Regeneration Research, 2022, 17, 854.	3.0	2
40	Effects of chronic taurine administration on healthy pregnant rats and the consequences on the offspring: Datasets for motor tests and oxidative stress. Data in Brief, 2022, 41, 108015.	1.0	1
41	Single-nucleotide polymorphisms and cerebral palsy. , 2021, , 39-47.		0