Joaquin Jordan

List of Publications by Year in Descending Order

121 papers	6,014 citations	40 h-index	76 g-index
141 ext. papers	6,370 ext. citations	5.2 avg, IF	5.23 L-index

#	Paper	IF	Citations
121	A Free Tool for Breast Aesthetic Scale Computation. *Annals of Plastic Surgery*, **2021**, 86, 458-462	1.7	1
120	Systematic review and meta-analysis on the safety of dalbavancin. *Expert Opinion on Drug Safety*, **2021**, 20, 1095-1107	4.1	5
119	Use of Symmetry Assessment Methods in the Context of Breast Surgery. *Aesthetic Plastic Surgery*, **2020**, 44, 1440-1451	2	2
118	A systematic review on the efficacy and safety of IL-6 modulatory drugs in the treatment of COVID-19 patients. *European Review for Medical and Pharmacological Sciences*, **2020**, 24, 7475-7484	2.9	6
117	Acute Bacterial Skin and Skin-Structure Infections, efficacy of Dalbavancin: a systematic review and meta-analysis. *Expert Review of Anti-Infective Therapy*, **2020**, 1-13	5.5	3
116	Visual Breast Asymmetry Assessment with Optical-Flow Algorithm. *Journal of Medical Systems*, **2020**, 44, 155	5.1	1
115	A bibliometric evaluation of the top 100 cited natalizumab articles. *Journal of Neuroimmunology*, **2020**, 349, 577379	3.5	3
114	Guidelines on experimental methods to assess mitochondrial dysfunction in cellular models of neurodegenerative diseases. *Cell Death and Differentiation*, **2018**, 25, 542-572	12.7	64
113	Influence of the perioperative administration of magnesium sulfate on the total dose of anesthetics during general anesthesia. A systematic review and meta-analysis. *Journal of Clinical Anesthesia*, **2017**, 39, 129-138	1.9	20
112	The UCP2-866G/A Polymorphism Could be Considered as a Genetic Marker of Different Functional Prognosis in Ischemic Stroke After Recanalization. *NeuroMolecular Medicine*, **2017**, 19, 571-578	4.6	8
111	VDAC-Targeted Drugs Affecting Cytoprotection and Mitochondrial Physiology in Cerebrovascular and Cardiovascular Diseases. *Current Medicinal Chemistry*, **2017**, 24, 4419-4434	4.3	10
110	Bcl-xL-mediated antioxidant function abrogates the disruption of mitochondrial dynamics induced by LRRK2 inhibition. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2016**, 1862, 20-31	6.9	8
109	Rotenone Induces the Formation of 4-Hydroxynonenal Aggresomes. Role of ROS-Mediated Tubulin Hyperacetylation and Autophagic Flux Disruption. *Molecular Neurobiology*, **2016**, 53, 6194-6208	6.2	29
108	Human VDAC isoforms differ in their capability to interact with minocycline and to contribute to its cytoprotective activity. *Mitochondrion*, **2016**, 28, 38-48	4.9	11
107	Bioactive Flavonoids, Antioxidant Behaviour, and Cytoprotective Effects of Dried Grapefruit Peels (Citrus paradisi Macf.). *Oxidative Medicine and Cellular Longevity*, **2016**, 2016, 8915729	6.7	53
106	Interaction between magnesium sulfate and neuromuscular blockers during the perioperative period. A systematic review and meta-analysis. *Journal of Clinical Anesthesia*, **2016**, 34, 524-34	1.9	14
105	Autophagy as a Neuroprotective Mechanism Against 3-Nitropropionic Acid-Induced Cell Death. *Current Topics in Neurotoxicity*, **2015**, 143-157		

104	On the mechanism underlying ethanol-induced mitochondrial dynamic disruption and autophagy response. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2015**, 1852, 1400-9	6.9	44
103	Automatic quantification of the subcellular localization of chimeric GFP protein supported by a two-level Naive Bayes classifier. *Expert Systems With Applications*, **2015**, 42, 1531-1537	7.8	3
102	Sildenafil Decreases BACE1 and Cathepsin B Levels and Reduces APP Amyloidogenic Processing in the SAMP8 Mouse. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2015**, 70, 675-85	6.4	26
101	Minocycline inhibits peritoneal macrophages but activates alveolar macrophages in acute pancreatitis. *Journal of Physiology and Biochemistry*, **2015**, 71, 839-46	5	5
100	Defects in subventricular zone pigmented epithelium-derived factor niche signaling in the senescence-accelerated mouse prone-8. *FASEB Journal*, **2015**, 29, 1480-92	0.9	6
99	Calidad de vida y adherencia al tratamiento en pacientes con enfermedad de Parkinson. *Duazary*, **2015**, 12, 133	0.2	3
98	Prognostic relevance of receptor tyrosine kinase expression in breast cancer: a meta-analysis. *Cancer Treatment Reviews*, **2014**, 40, 1048-55	14.4	27
97	Anxiolytic-like effects and mechanism of (-)-myrtenol: a monoterpene alcohol. *Neuroscience Letters*, **2014**, 579, 119-24	3.3	41
96	The LRRK2 inhibitor GSK2578215A induces protective autophagy in SH-SY5Y cells: involvement of Drp-1-mediated mitochondrial fission and mitochondrial-derived ROS signaling. *Cell Death and Disease*, **2014**, 5, e1368	9.8	76
95	Evidence for the efficacy of latrepirdine (Dimebon) treatment for improvement of cognitive function: a meta-analysis. *Journal of Alzheimer's Disease*, **2014**, 38, 155-64	4.3	33
94	Mitochondrial Alterations and Mitophagy in Response to 6-Hydroxydopamine **2014**, 201-209		
93	Role of Mitochondrial Fission and Mitophagy in Parkinson's Disease **2014**, 213-225		
92	Autophagy and mitochondrial alterations in human retinal pigment epithelial cells induced by ethanol: implications of 4-hydroxy-nonenal. *Cell Death and Disease*, **2014**, 5, e1328	9.8	31
91	6-Hydroxydopamine as Preclinical Model of Parkinson's Disease **2014**, 639-651		1
90	Pharmacology and Pathology of Superoxide Dismutases (SOD) **2014**, 457-474		0
89	On the clinical evidence leading to tetrazepam withdrawal. *Expert Opinion on Drug Safety*, **2014**, 13, 705-12	4.1	2
88	The senescence-accelerated mouse prone-8 (SAM-P8) oxidative stress is associated with upregulation of renal NADPH oxidase system. *Journal of Physiology and Biochemistry*, **2013**, 69, 927-35	5	13
87	Rasagiline meta-analysis: a spotlight on clinical safety and adverse events when treating Parkinson's disease. *Expert Opinion on Drug Safety*, **2013**, 12, 479-86	4.1	13

86	3-Nitropropionic acid induces autophagy by forming mitochondrial permeability transition pores rather than activating the mitochondrial fission pathway. *British Journal of Pharmacology*, **2013**, 168, 63-75	8.6	40
85	Inhibition of calpain-regulated p35/cdk5 plays a central role in sildenafil-induced protection against chemical hypoxia produced by malonate. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2013**, 1832, 705-17	6.9	17
84	Rasagiline in Parkinson's disease: a review based on meta-analysis of clinical data. *Pharmacological Research*, **2013**, 74, 78-86	10.2	18
83	The mitochondria-targeted anti-oxidant MitoQ reduces aspects of mitochondrial fission in the 6-OHDA cell model of Parkinson's disease. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2013**, 1832, 174-82	6.9	93
82	Advances in the understanding of retinal drug disposition and the role of blood-ocular barrier transporters. *Expert Opinion on Drug Metabolism and Toxicology*, **2013**, 9, 1181-92	5.5	20
81	Latrepirdine is a potent activator of AMP-activated protein kinase and reduces neuronal excitability. *Translational Psychiatry*, **2013**, 3, e317	8.6	20
80	Minocycline blocks asthma-associated inflammation in part by interfering with the T cell receptor-nuclear factor **B**-GATA-3-IL-4 axis without a prominent effect on poly(ADP-ribose) polymerase. *Journal of Biological Chemistry*, **2013**, 288, 1458-68	5.4	18
79	Minocycline mediated mitochondrial cytoprotection: premises for therapy of cerebrovascular and neurodegenerative diseases. *Current Drug Targets*, **2013**, 14, 47-55	3	14
78	MINOCYCLINE BLOCKS ALLERGEN-INDUCED EOSINOPHILIA AND PRODUCTION OF TH2 CYTOKINES AND IGE BY INTERFERING WITH THE T CELL RECEPTOR-NF-kB-GATA-3-INTERLEUKIN (IL)-4 AXIS IN A MURINE ASTHMA MODEL WITHOUT AN EFFECT ON PARP. *FASEB Journal*, **2013**, 27, 254.2	0.9	
77	Long-lasting neuroprotective effect of sildenafil against 3,4-methylenedioxymethamphetamine-induced 5-hydroxytryptamine deficits in the rat brain. *Journal of Neuroscience Research*, **2012**, 90, 518-28	4.4	10
76	Sildenafil ameliorates cognitive deficits and tau pathology in a senescence-accelerated mouse model. *Neurobiology of Aging*, **2012**, 33, 625.e11-20	5.6	41
75	Characterization of mitophagy in the 6-hydoxydopamine Parkinson's disease model. *Toxicological Sciences*, **2012**, 129, 411-20	4.4	41
74	Anticonvulsant effect of phytol in a pilocarpine model in mice. *Neuroscience Letters*, **2012**, 523, 115-8	3.3	53
73	Minocycline exerts uncoupling and inhibiting effects on mitochondrial respiration through adenine nucleotide translocase inhibition. *Pharmacological Research*, **2012**, 65, 120-8	10.2	13
72	Mitochondrial dynamics and mitophagy in the 6-hydroxydopamine preclinical model of Parkinson's disease. *Parkinson's Disease*, **2012**, 2012, 131058	2.6	17
71	Cytoprotective activity of minocycline includes improvement of mitochondrial coupling: the importance of minocycline concentration and the presence of VDAC. *Journal of Bioenergetics and Biomembranes*, **2012**, 44, 297-307	3.7	12
70	Pharmacological Characterization of the Mechanisms Involved in Delayed Calcium Deregulation in SH-SY5Y Cells Challenged with Methadone. *International Journal of Cell Biology*, **2012**, 2012, 642482	2.6	2
69	Modulation of Apoptosis in Acute Ischemic Stroke as Treatment Challenges. *Current Immunology Reviews*, **2012**, 8, 39-49	1.3	

68	Methadone induces CAD degradation and AIF-mediated necrotic-like cell death in neuroblastoma cells. *Pharmacological Research*, **2011**, 63, 352-60	10.2	13
67	Altered phosphorylation but no neurodegeneration in a mouse model of tau hyperphosphorylation. *Neurobiology of Aging*, **2011**, 32, 991-1006	5.6	24
66	Neuropharmacological effects of lipoic acid and ubiquinone on δ-aminolevulinic dehydratase, Na(+), K(+) -ATPase, and Mg(2+) -ATPase activities in rat hippocampus after pilocarpine-induced seizures. *Fundamental and Clinical Pharmacology*, **2011**, 25, 211-6	3.1	4
65	Lipoic acid alters amino acid neurotransmitters content in rat hippocampus after pilocarpine-induced seizures. *Fundamental and Clinical Pharmacology*, **2011**, 25, 485-92	3.1	4
64	Mitochondria: the headquarters in ischemia-induced neuronal death. *Central Nervous System Agents in Medicinal Chemistry*, **2011**, 11, 98-106	1.8	21
63	Methylenedioxymethamphetamine inhibits mitochondrial complex I activity in mice: a possible mechanism underlying neurotoxicity. *British Journal of Pharmacology*, **2010**, 160, 233-45	8.6	34
62	Delayed pre-conditioning by 3-nitropropionic acid prevents 3,4-methylenedioxymetamphetamine-induced 5-HT deficits. *Journal of Neurochemistry*, **2010**, 114, 843-52	6	6
61	Mitochondrial biology in Alzheimer's disease pathogenesis. *Journal of Neurochemistry*, **2010**, 114, 933-45	6	52
60	Alterations on monoamines concentration in rat hippocampus produced by lipoic acid. *Arquivos De Neuro-Psiquiatria*, **2010**, 68, 362-6	1.6	12
59	Effects of MPP+ on the molecular pathways involved in cell cycle control in B65 neuroblastoma cells. *Pharmacological Research*, **2010**, 61, 391-9	10.2	9
58	Lipoic acid effects on monoaminergic system after pilocarpine-induced seizures. *Neuroscience Letters*, **2010**, 477, 129-33	3.3	1
57	Methadone induces necrotic-like cell death in SH-SY5Y cells by an impairment of mitochondrial ATP synthesis. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2010**, 1802, 1036-47	6.9	40
56	Activation of ataxia telangiectasia muted under experimental models and human Parkinson's disease. *Cellular and Molecular Life Sciences*, **2010**, 67, 3865-82	10.3	19
55	Sildenafil protects against 3-nitropropionic acid neurotoxicity through the modulation of calpain, CREB, and BDNF. *Neurobiology of Disease*, **2010**, 38, 237-45	7.5	60
54	Neurochemical changes on oxidative stress in rat hippocampus during acute phase of pilocarpine-induced seizures. *Pharmacology Biochemistry and Behavior*, **2010**, 94, 341-5	3.9	27
53	Lipoic acid blocks seizures induced by pilocarpine via increases in delta-aminolevulinic dehydratase and Na+, K+-ATPase activity in rat brain. *Pharmacology Biochemistry and Behavior*, **2010**, 95, 88-91	3.9	12
52	Viability of Saccharomyces cerevisiae cells following exposure to H2O2 and protective effect of minocycline depend on the presence of VDAC. *European Journal of Pharmacology*, **2010**, 643, 42-7	5.3	8
51	Mitochondria and calcium flux as targets of neuroprotection caused by minocycline in cerebellar granule cells. *Biochemical Pharmacology*, **2010**, 79, 239-50	6	81

50	ATM is involved in cell-cycle control through the regulation of retinoblastoma protein phosphorylation. *Journal of Cellular Biochemistry*, **2010**, 110, 210-8	4.7	8
49	Cholinesterase activity in brain of senescence-accelerated-resistant mouse SAMR1 and its variation in brain of senescence-accelerated-prone mouse SAMP8. *Journal of Neuroscience Research*, **2010**, 88, 155-66	4.4	12
48	Oxidative stress-induced DNA damage and cell cycle regulation in B65 dopaminergic cell line. *Free Radical Research*, **2009**, 43, 985-94	4	34
47	A molecular study of pathways involved in the inhibition of cell proliferation in neuroblastoma B65 cells by the GSK-3 inhibitors lithium and SB-415286. *Journal of Cellular and Molecular Medicine*, **2009**, 13, 3906-17	5.6	18
46	Age-related expression of adenosine receptors in brain from the senescence-accelerated mouse. *Experimental Gerontology*, **2009**, 44, 453-61	4.5	25
45	Superoxide dismutases: a physiopharmacological update. *Journal of Physiology and Biochemistry*, **2009**, 65, 195-208	5	62
44	Lactacystin requires reactive oxygen species and Bax redistribution to induce mitochondria-mediated cell death. *British Journal of Pharmacology*, **2009**, 158, 1121-30	8.6	25
43	Phosphodiesterase 5 inhibitors prevent 3,4-methylenedioxymethamphetamine-induced 5-HT deficits in the rat. *Journal of Neurochemistry*, **2009**, 108, 755-66	6	39
42	Minoxidil prevents 3,4-methylenedioxymethamphetamine-induced serotonin depletions: role of mitochondrial ATP-sensitive potassium channels, Akt and ERK. *Journal of Neurochemistry*, **2008**, 104, 914-25	6	20
41	6-Hydroxydopamine activates the mitochondrial apoptosis pathway through p38 MAPK-mediated, p53-independent activation of Bax and PUMA. *Journal of Neurochemistry*, **2008**, 104, 1599-612	6	108
40	6-Hydroxydopamine (6-OHDA) induces Drp1-dependent mitochondrial fragmentation in SH-SY5Y cells. *Free Radical Biology and Medicine*, **2008**, 44, 1960-9	7.8	128
39	The level of butyrylcholinesterase activity increases and the content of the mRNA remains unaffected in brain of senescence-accelerated mouse SAMP8. *Chemico-Biological Interactions*, **2008**, 175, 332-5	5	5
38	Recommendations and treatment strategies for the management of acute ischemic stroke. *Expert Opinion on Pharmacotherapy*, **2008**, 9, 1071-85	4	32
37	BAX and BAK proteins are required for cyclin-dependent kinase inhibitory drugs to cause apoptosis. *Molecular Cancer Therapeutics*, **2008**, 7, 3800-6	6.1	13
36	Inflammation as therapeutic objective in stroke. *Current Pharmaceutical Design*, **2008**, 14, 3549-64	3.3	64
35	Reactive oxygen species and p38 mitogen-activated protein kinase activate Bax to induce mitochondrial cytochrome c release and apoptosis in response to malonate. *Molecular Pharmacology*, **2007**, 71, 736-43	4.3	120
34	Neuroprotectant minocycline depresses glutamatergic neurotransmission and Ca(2+) signalling in hippocampal neurons. *European Journal of Neuroscience*, **2007**, 26, 2481-95	3.5	81
33	Stroke pathophysiology: management challenges and new treatment advances. *Journal of Physiology and Biochemistry*, **2007**, 63, 261-77	5	11

32	The senescence-accelerated mouse (SAM-P8) as a model for the study of vascular functional alterations during aging. *Biogerontology*, **2007**, 8, 663-72	4.5	22
31	Minocycline and cytoprotection: shedding new light on a shadowy controversy. *Current Drug Delivery*, **2007**, 4, 225-31	3.2	60
30	Pyruvate protects cerebellar granular cells from 6-hydroxydopamine-induced cytotoxicity by activating the Akt signaling pathway and increasing glutathione peroxidase expression. *Neurobiology of Disease*, **2006**, 24, 296-307	7.5	37
29	Mecanismos reparadores neuronales en la enfermedad de Alzheimer. *Revista Espanola De Geriatria Y Gerontologia*, **2006**, 41, 74-80	1.7	
28	In vivo studies on the protective role of minocycline against excitotoxicity caused by malonate or N-methyl-d-aspartate. *Experimental Neurology*, **2005**, 191, 326-30	5.7	13
27	Activation of p53 and the pro-apoptotic p53 target gene PUMA during depolarization-induced apoptosis of chromaffin cells. *Experimental Neurology*, **2005**, 196, 96-103	5.7	16
26	Involvement of mitochondrial potential and calcium buffering capacity in minocycline cytoprotective actions. *Neuroscience*, **2005**, 133, 959-67	3.9	51
25	Malonate induces cell death via mitochondrial potential collapse and delayed swelling through an ROS-dependent pathway. *British Journal of Pharmacology*, **2005**, 144, 528-37	8.6	47
24	Minocycline fails to protect cerebellar granular cell cultures against malonate-induced cell death. *Neurobiology of Disease*, **2005**, 20, 384-91	7.5	27
23	Glitazones differentially regulate primary astrocyte and glioma cell survival. Involvement of reactive oxygen species and peroxisome proliferator-activated receptor-gamma. *Journal of Biological Chemistry*, **2004**, 279, 8976-85	5.4	94
22	p53: twenty five years understanding the mechanism of genome protection. *Journal of Physiology and Biochemistry*, **2004**, 60, 287-307	5	87
21	Bcl-x L blocks mitochondrial multiple conductance channel activation and inhibits 6-OHDA-induced death in SH-SY5Y cells. *Journal of Neurochemistry*, **2004**, 89, 124-33	6	72
20	Stroke and Ischemic Insults **2004**, 527-535		
19	Mitochondrial control of neuron death and its role in neurodegenerative disorders. *Journal of Physiology and Biochemistry*, **2003**, 59, 129-41	5	86
18	Chromaffin cell death induced by 6-hydroxydopamine is independent of mitochondrial swelling and caspase activation. *Journal of Neurochemistry*, **2003**, 84, 1066-73	6	43
17	Reactive oxygen species induce swelling and cytochrome c release but not transmembrane depolarization in isolated rat brain mitochondria. *British Journal of Pharmacology*, **2003**, 139, 797-804	8.6	58
16	Role and regulation of p53 in depolarization-induced neuronal death. *Neuroscience*, **2003**, 122, 707-15	3.9	39
15	Mitochondrial dysfunction is involved in apoptosis induced by serum withdrawal and fatty acids in the beta-cell line INS-1. *Endocrinology*, **2003**, 144, 335-45	4.8	161

14	The nitric oxide pathway in the cardiovascular system. *Journal of Physiology and Biochemistry*, **2002**, 58, 179-88	5	40
13	Nitric oxide and superoxide, a deadly cocktail. *Annals of the New York Academy of Sciences*, **2002**, 962, 207-11	6.5	101
12	Superoxide anions mediate veratridine-induced cytochrome c release and caspase activity in bovine chromaffin cells. *British Journal of Pharmacology*, **2002**, 137, 993-1000	8.6	35
11	Veratridine induces apoptotic death in bovine chromaffin cells through superoxide production. *British Journal of Pharmacology*, **2000**, 130, 1496-504	8.6	37
10	Isoform-specific effect of apolipoprotein E on cell survival and beta-amyloid-induced toxicity in rat hippocampal pyramidal neuronal cultures. *Journal of Neuroscience*, **1998**, 18, 195-204	6.6	162
9	The PI 3-kinase/Akt signaling pathway delivers an anti-apoptotic signal. *Genes and Development*, **1997**, 11, 701-13	12.6	874
8	Mutant superoxide dismutase-1-linked familial amyotrophic lateral sclerosis: molecular mechanisms of neuronal death and protection. *Journal of Neuroscience*, **1997**, 17, 8756-66	6.6	181
7	p53 expression induces apoptosis in hippocampal pyramidal neuron cultures. *Journal of Neuroscience*, **1997**, 17, 1397-405	6.6	149
6	Role of calpain- and interleukin-1 beta converting enzyme-like proteases in the beta-amyloid-induced death of rat hippocampal neurons in culture. *Journal of Neurochemistry*, **1997** , 68, 1612-21	6	146
5	Ca2+ and reactive oxygen species in staurosporine-induced neuronal apoptosis. *Journal of Neurochemistry*, **1997**, 68, 1679-85	6	106
4	Superoxide production in rat hippocampal neurons: selective imaging with hydroethidine. *Journal of Neuroscience*, **1996**, 16, 1324-36	6.6	742
3	Protective effect of transforming growth factor-beta 1 on beta-amyloid neurotoxicity in rat hippocampal neurons. *Molecular Pharmacology*, **1996**, 49, 319-28	4.3	131
2	Regulation of excitatory transmission at hippocampal synapses by calbindin D28k. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 5144-8	11.5	104
1	Expression of human copper/zinc-superoxide dismutase inhibits the death of rat sympathetic neurons caused by withdrawal of nerve growth factor. *Molecular Pharmacology*, **1995**, 47, 1095-1100	4.3	49