

Angel Luis Ortega

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

7,203
citations

30
h-index

51
g-index

51
ext. papers

8,176
ext. citations

7.6
avg, IF

5.21
L-index

#	Paper	IF	Citations
44	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
43	Glutathione in cancer biology and therapy. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2006 , 43, 143-814	9.4	719
42	Inhibition of cancer growth by resveratrol is related to its low bioavailability. <i>Free Radical Biology and Medicine</i> , 2002 , 33, 387-98	7.8	300
41	Oxidative stress in environmental-induced carcinogenesis. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009 , 674, 36-44	3	254
40	Glutathione in cancer cell death. <i>Cancers</i> , 2011 , 3, 1285-310	6.6	196
39	Glutathione is recruited into the nucleus in early phases of cell proliferation. <i>Journal of Biological Chemistry</i> , 2007 , 282, 20416-24	5.4	139
38	Association between pterostilbene and quercetin inhibits metastatic activity of B16 melanoma. <i>Neoplasia</i> , 2005 , 7, 37-47	6.4	121
37	PGC-1, Inflammation, and Oxidative Stress: An Integrative View in Metabolism. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 1452696	6.7	107
36	Role of Natural Stilbenes in the Prevention of Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 3128951	6.7	103
35	Complex I dysfunction and tolerance to nitroglycerin: an approach based on mitochondrial-targeted antioxidants. <i>Circulation Research</i> , 2006 , 99, 1067-75	15.7	100
34	Pterostilbene: Biomedical applications. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2013 , 50, 65-78	9.4	99
33	Natural polyphenols in cancer therapy. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2011 , 48, 197-216	9.4	99
32	Acceleration of glutathione efflux and inhibition of gamma-glutamyltranspeptidase sensitize metastatic B16 melanoma cells to endothelium-induced cytotoxicity. <i>Journal of Biological Chemistry</i> , 2005 , 280, 6950-9	5.4	73
31	Topical treatment with pterostilbene, a natural phytoalexin, effectively protects hairless mice against UVB radiation-induced skin damage and carcinogenesis. <i>Free Radical Biology and Medicine</i> , 2015 , 85, 1-11	7.8	72
30	Pterostilbene-induced tumor cytotoxicity: a lysosomal membrane permeabilization-dependent mechanism. <i>PLoS ONE</i> , 2012 , 7, e44524	3.7	72
29	Natural polyphenols facilitate elimination of HT-29 colorectal cancer xenografts by chemoradiotherapy: a Bcl-2- and superoxide dismutase 2-dependent mechanism. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 3330-42	6.1	71
28	gamma-Glutamyl transpeptidase overexpression increases metastatic growth of B16 melanoma cells in the mouse liver. <i>Hepatology</i> , 2002 , 35, 74-81	11.2	71

27	Endothelial nitric oxide synthase regulates N-Ras activation on the Golgi complex of antigen-stimulated T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 10507-12	11.5	66
26	Endothelial nitric oxide synthase regulates T cell receptor signaling at the immunological synapse. <i>Immunity</i> , 2006 , 24, 753-765	32.3	66
25	Bcl-2 and glutathione depletion sensitizes B16 melanoma to combination therapy and eliminates metastatic disease. <i>Clinical Cancer Research</i> , 2007 , 13, 2658-66	12.9	62
24	Oestradiol or genistein rescues neurons from amyloid beta-induced cell death by inhibiting activation of p38. <i>Aging Cell</i> , 2008 , 7, 112-8	9.9	60
23	Oxidative Stress and Microvascular Alterations in Diabetic Retinopathy: Future Therapies. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 4940825	6.7	56
22	Astrocytes protect neurons from A β -42 peptide-induced neurotoxicity increasing TFAM and PGC-1 and decreasing PPAR- γ and SIRT-1. <i>International Journal of Medical Sciences</i> , 2015 , 12, 48-56	3.7	51
21	Gender and age-dependent differences in the mitochondrial apoptogenic pathway in Alzheimer's disease. <i>Free Radical Biology and Medicine</i> , 2008 , 44, 2019-25	7.8	46
20	Tumoricidal activity of endothelial cells. Inhibition of endothelial nitric oxide production abrogates tumor cytotoxicity induced by hepatic sinusoidal endothelium in response to B16 melanoma adhesion in vitro. <i>Journal of Biological Chemistry</i> , 2001 , 276, 25775-82	5.4	42
19	Down-regulation of glutathione and Bcl-2 synthesis in mouse B16 melanoma cells avoids their survival during interaction with the vascular endothelium. <i>Journal of Biological Chemistry</i> , 2003 , 278, 39591-9	5.4	41
18	Tumor cytotoxicity by endothelial cells. Impairment of the mitochondrial system for glutathione uptake in mouse B16 melanoma cells that survive after in vitro interaction with the hepatic sinusoidal endothelium. <i>Journal of Biological Chemistry</i> , 2003 , 278, 13888-97	5.4	41
17	Bcl-2 and Mn-SOD antisense oligodeoxynucleotides and a glutamine-enriched diet facilitate elimination of highly resistant B16 melanoma cells by tumor necrosis factor-alpha and chemotherapy. <i>Journal of Biological Chemistry</i> , 2006 , 281, 69-79	5.4	38
16	Nitric oxide mediates natural polyphenol-induced Bcl-2 down-regulation and activation of cell death in metastatic B16 melanoma. <i>Journal of Biological Chemistry</i> , 2007 , 282, 2880-90	5.4	31
15	Glutathione in metastases: From mechanisms to clinical applications. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2016 , 53, 253-67	9.4	27
14	eNOS S-nitrosylates F-actin on Cys374 and regulates PKC- ζ at the immune synapse by impairing actin binding to profilin-1. <i>PLoS Biology</i> , 2017 , 15, e2000653	9.7	22
13	Oxidative and nitrosative stress in the metastatic microenvironment. <i>Cancers</i> , 2010 , 2, 274-304	6.6	20
12	Tumoricidal activity of endothelium-derived NO and the survival of metastatic cells with high GSH and Bcl-2 levels. <i>Nitric Oxide - Biology and Chemistry</i> , 2008 , 19, 107-14	5	15
11	Glutathione and Bcl-2 targeting facilitates elimination by chemoradiotherapy of human A375 melanoma xenografts overexpressing bcl-xl, bcl-2, and mcl-1. <i>Journal of Translational Medicine</i> , 2012 , 10, 8	8.5	11
10	7,8-hydroxy-2'-deoxyguanosine/2'-deoxyguanosine ratio determined in hydrolysates of brain DNA by ultrachromatography coupled to tandem mass spectrometry. <i>Talanta</i> , 2017 , 170, 97-102	6.2	8

9	Alzheimer's disease and type 2 diabetes mellitus: Pathophysiologic and pharmacotherapeutics links. <i>World Journal of Diabetes</i> , 2021 , 12, 745-766	4.7	7
8	Pterostilbene Prevents Early Diabetic Retinopathy Alterations in a Rabbit Experimental Model. <i>Nutrients</i> , 2019 , 12,	6.7	6
7	Analysis of Lipid Peroxidation by UPLC-MS/MS and Retinoprotective Effects of the Natural Polyphenol Pterostilbene. <i>Antioxidants</i> , 2021 , 10,	7.1	3
6	A role for the 2-oxoglutarate carrier in glutathione transport into hepatocyte mitochondria?. <i>Hepatology</i> , 2004 , 39, 570-1; author reply 571	11.2	2
5	Raman spectroscopy and Raman imaging for early detection of cancer 2004 , 5325, 89		1
4	Cellular targets in diabetic retinopathy therapy. <i>World Journal of Diabetes</i> , 2021 , 12, 1442-1462	4.7	1
3	Glutathione, Sulfur Amino Acids, and Cancer 471-500		
2	Estudio de toxicidad del péptido beta-amiloide en linfocitos humanos. <i>Revista Espanola De Geriatria Y Gerontologia</i> , 2006 , 41, 178-182	1.7	
1	Nitric Oxide: A Rate-Limiting Factor for Metastases Development 2010 , 189-207		