

Angel Luis Ortega

List of Publications by Year in descending order

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48
papers

8,988
citations

147801

31
h-index

265206

42
g-index

51
all docs

51
docs citations

51
times ranked

20043
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Glutathione in Cancer Biology and Therapy. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2006, 43, 143-181.	6.1	860
3	Inhibition of cancer growth by resveratrol is related to its low bioavailability. <i>Free Radical Biology and Medicine</i> , 2002, 33, 387-398.	2.9	338
4	PGC-1 α , Inflammation, and Oxidative Stress: An Integrative View in Metabolism. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-20.	4.0	302
5	Oxidative stress in environmental-induced carcinogenesis. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 674, 36-44.	1.7	288
6	Glutathione in Cancer Cell Death. <i>Cancers</i> , 2011, 3, 1285-1310.	3.7	247
7	Glutathione Is Recruited into the Nucleus in Early Phases of Cell Proliferation. <i>Journal of Biological Chemistry</i> , 2007, 282, 20416-20424.	3.4	163
8	Role of Natural Stilbenes in the Prevention of Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-15.	4.0	145
9	Association between Pterostilbene and Quercetin Inhibits Metastatic Activity of B16 Melanoma. <i>Neoplasia</i> , 2005, 7, 37-47.	5.3	138
10	Natural polyphenols in cancer therapy. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2011, 48, 197-216.	6.1	136
11	Pterostilbene: Biomedical applications. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2013, 50, 65-78.	6.1	133
12	Oxidative Stress and Microvascular Alterations in Diabetic Retinopathy: Future Therapies. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-18.	4.0	120
13	Complex I Dysfunction and Tolerance to Nitroglycerin. <i>Circulation Research</i> , 2006, 99, 1067-1075.	4.5	106
14	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.	2.9	101
15	Acceleration of Glutathione Efflux and Inhibition of γ -Glutamyltranspeptidase Sensitize Metastatic B16 Melanoma Cells to Endothelium-induced Cytotoxicity. <i>Journal of Biological Chemistry</i> , 2005, 280, 6950-6959.	3.4	82
16	γ -Glutamyl transpeptidase overexpression increases metastatic growth of B16 melanoma cells in the mouse liver. <i>Hepatology</i> , 2002, 35, 74-81.	7.3	81
17	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, 3330-3342.	4.1	81
18	Pterostilbene-Induced Tumor Cytotoxicity: A Lysosomal Membrane Permeabilization-Dependent Mechanism. <i>PLoS ONE</i> , 2012, 7, e44524.	2.5	80

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19	Oestradiol or genistein rescues neurons from amyloid beta-induced cell death by inhibiting activation of p38. <i>Aging Cell</i> , 2008, 7, 112-118.	6.7	75
20	Endothelial Nitric Oxide Synthase Regulates T Cell Receptor Signaling at the Immunological Synapse. <i>Immunity</i> , 2006, 24, 753-765.	14.3	74
21	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, 10507-10512.	7.1	71
22	Bcl-2 and Glutathione Depletion Sensitizes B16 Melanoma to Combination Therapy and Eliminates Metastatic Disease. <i>Clinical Cancer Research</i> , 2007, 13, 2658-2666.	7.0	68
23	Astrocytes Protect Neurons from A β ₁₋₄₂ Peptide-Induced Neurotoxicity Increasing TFAM and PGC-1 and Decreasing PPAR- β and SIRT-1. <i>International Journal of Medical Sciences</i> , 2015, 12, 48-56.	2.5	68
24	Gender and age-dependent differences in the mitochondrial apoptogenic pathway in Alzheimer's disease. <i>Free Radical Biology and Medicine</i> , 2008, 44, 2019-2025.	2.9	54
25	Tumoricidal Activity of Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 25775-25782.	3.4	47
26	Glutathione in metastases: From mechanisms to clinical applications. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2016, 53, 253-267.	6.1	47
27	Tumor Cytotoxicity by Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 13888-13897.	3.4	44
28	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, 39591-39599.	3.4	42
29	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, 2880-2890.	3.4	42
30	Bcl-2 and Mn-SOD Antisense Oligodeoxynucleotides and a Glutamine-enriched Diet Facilitate Elimination of Highly Resistant B16 Melanoma Cells by Tumor Necrosis Factor- α and Chemotherapy. <i>Journal of Biological Chemistry</i> , 2006, 281, 69-79.	3.4	40
31	Alzheimer's disease and type 2 diabetes mellitus: Pathophysiologic and pharmacotherapeutics links. <i>World Journal of Diabetes</i> , 2021, 12, 745-766.	3.5	28
32	Oxidative and Nitrosative Stress in the Metastatic Microenvironment. <i>Cancers</i> , 2010, 2, 274-304.	3.7	26
33	eNOS S-nitrosylates β -actin on Cys374 and regulates PKC- δ at the immune synapse by impairing actin binding to profilin-1. <i>PLoS Biology</i> , 2017, 15, e2000653.	5.6	25
34	Pterostilbene Prevents Early Diabetic Retinopathy Alterations in a Rabbit Experimental Model. <i>Nutrients</i> , 2020, 12, 82.	4.1	19
35	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, 107-114.	2.7	15
36	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.	4.4	11

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37	7,8-hydroxy-2- ϵ -deoxyguanosine/2- ϵ -deoxyguanosine ratio determined in hydrolysates of brain DNA by ultrachromatography coupled to tandem mass spectrometry. <i>Talanta</i> , 2017, 170, 97-102.	5.5	11
38	Oxidative Stress in Diabetic Retinopathy. <i>Antioxidants</i> , 2021, 10, 50.	5.1	8
39	Analysis of Lipid Peroxidation by UPLC-MS/MS and Retinoprotective Effects of the Natural Polyphenol Pterostilbene. <i>Antioxidants</i> , 2021, 10, 168.	5.1	8
40	Cellular targets in diabetic retinopathy therapy. <i>World Journal of Diabetes</i> , 2021, 12, 1442-1462.	3.5	6
41	Raman spectroscopy and Raman imaging for early detection of cancer. , 2004, 5325, 89.		2
42	A role for the 2-oxoglutarate carrier in glutathione transport into hepatocyte mitochondria?. <i>Hepatology</i> , 2004, 39, 570-571.	7.3	2
43	Nitric Oxide: A Rate-Limiting Factor for Metastases Development. , 2010, , 189-207.		0
44	Abstract 4239: Pterostilbene, a natural polyphenol, elicits full protection against ultraviolet B radiation-induced skin carcinogenesis: Preclinical studies. , 2011, , .		0
45	Abstract 4219: Lysosomal membrane permeabilization, a novel anticancer mechanism induced by pterostilbene. , 2011, , .		0
46	Abstract A292: Salinomycin, an anti-cancer stem cell antibiotic, overcomes acquired resistance to BRAF inhibitors in BRAF-mutant human melanoma cell lines.. , 2013, , .		0
47	Abstract 1605: Pterostilbene, a natural phytoalexin, effectively protects against UVB-induced skin carcinogenesis by increasing antioxidant cellular defenses and preventing mutagenesis. , 2014, , .		0
48	Abstract 753: Genomic alterations of autophagy genes disrupts autophagic flux in human lung adenocarcinomas. , 2015, , .		0