

Antonio Rodriguez-Ariza

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,420
citations

172457

29
h-index

214800

47
g-index

70
all docs

70
docs citations

70
times ranked

3633
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating miRNAs as potential biomarkers of therapy effectiveness in rheumatoid arthritis patients treated with anti-TNF \pm . <i>Arthritis Research and Therapy</i> , 2015, 17, 49.	3.5	158
2	Changes in protein expression profiles in bivalve molluscs (<i>Chamaelea gallina</i>) exposed to four model environmental pollutants. <i>Proteomics</i> , 2003, 3, 1535-1543.	2.2	150
3	CoCl ₂ , a Mimic of Hypoxia, Induces Formation of Polyploid Giant Cells with Stem Characteristics in Colon Cancer. <i>PLoS ONE</i> , 2014, 9, e99143.	2.5	101
4	Discovery of potential protein biomarkers of lung adenocarcinoma in bronchoalveolar lavage fluid by SWATH MS data-independent acquisition and targeted data extraction. <i>Journal of Proteomics</i> , 2016, 138, 106-114.	2.4	89
5	Rapid determination of glutathione status in fish liver using high-performance liquid chromatography and electrochemical detection. <i>Biomedical Applications</i> , 1994, 656, 311-318.	1.7	85
6	Global effects of fluvastatin on the prothrombotic status of patients with antiphospholipid syndrome. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 675-682.	0.9	82
7	Mitochondrial dysfunction in antiphospholipid syndrome: implications in the pathogenesis of the disease and effects of coenzyme Q10 treatment. <i>Blood</i> , 2012, 119, 5859-5870.	1.4	82
8	Metal, mutagenicity, and biochemical studies on bivalve molluscs from Spanish coasts. <i>Environmental and Molecular Mutagenesis</i> , 1992, 19, 112-124.	2.2	78
9	Gene profiling reveals specific molecular pathways in the pathogenesis of atherosclerosis and cardiovascular disease in antiphospholipid syndrome, systemic lupus erythematosus and antiphospholipid syndrome with lupus. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1441-1449.	0.9	76
10	Exhaled breath condensate biomarkers for the early diagnosis of lung cancer using proteomics. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L664-L676.	2.9	64
11	The Levels of Ribonucleotide Reductase, Thioredoxin, Glutaredoxin 1, and GSH Are Balanced in <i>Escherichia coli</i> K12. <i>Journal of Biological Chemistry</i> , 1996, 271, 19099-19103.	3.4	60
12	Proteomic analysis of acute myeloid leukemia: Identification of potential early biomarkers and therapeutic targets. <i>Proteomics</i> , 2006, 6, S293-S299.	2.2	60
13	Ubiquinol Effects on Antiphospholipid Syndrome Prothrombotic Profile. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1923-1932.	2.4	60
14	Anticyclic Citrullinated Protein Antibodies Are Implicated in the Development of Cardiovascular Disease in Rheumatoid Arthritis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2706-2716.	2.4	52
15	Proteomic approaches to evaluate protein nitrosylation in disease. <i>Mass Spectrometry Reviews</i> , 2014, 33, 7-20.	5.4	51
16	Biochemical biomarkers of pollution in the clam <i>Chamaelea gallina</i> from South-Spanish littoral. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 542-549.	4.3	49
17	Atherosclerosis and cardiovascular disease in systemic lupus erythematosus: effects of in vivo statin treatment. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1450-1458.	0.9	49
18	Content of 8-oxodG in chromosomal DNA of <i>Sparus aurata</i> fish as biomarker of oxidative stress and environmental pollution. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1999, 438, 97-107.	1.7	45

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19	Nuclear Translocation of β -Catenin during Mesenchymal Stem Cells Differentiation into Hepatocytes Is Associated with a Tumoral Phenotype. <i>PLoS ONE</i> , 2012, 7, e34656.	2.5	45
20	~Atherothrombosis-associated microRNAs in Antiphospholipid syndrome and Systemic Lupus Erythematosus patients~™. <i>Scientific Reports</i> , 2016, 6, 31375.	3.3	44
21	Immunomodulatory roles of nitric oxide in cancer: tumor microenvironment says ~œNO~ to antitumor immune response. <i>Translational Research</i> , 2019, 210, 99-108.	5.0	39
22	Treatment of Refractory Cholestatic Pruritus With Molecular Adsorbent Recirculating System (MARS). <i>Transplantation Proceedings</i> , 2006, 38, 2511-2513.	0.6	38
23	Cardiovascular Risk in Systemic Autoimmune Diseases: Epigenetic Mechanisms of Immune Regulatory Functions. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-10.	3.3	38
24	Biochemical and genetic indices of marine pollution in Spanish littoral. <i>Science of the Total Environment</i> , 1993, 134, 109-116.	8.0	36
25	Oxidative stress biomarkers in bivalves transplanted to the Guadalquivir estuary after Aznalc~3llar spill. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 92-100.	4.3	36
26	Simultaneous Inhibition of EGFR/VEGFR and Cyclooxygenase-2 Targets Stemness-Related Pathways in Colorectal Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0131363.	2.5	35
27	Unraveling the S-nitrosoproteome: Tools and strategies. <i>Proteomics</i> , 2009, 9, 808-818.	2.2	34
28	Biochemical effects of environmental pollution in fishes from the Spanish South-Atlantic littoral. <i>Biochemical Society Transactions</i> , 1991, 19, 301S-301S.	3.4	31
29	Maintenance of S-nitrosothiol homeostasis plays an important role in growth suppression of estrogen receptor-positive breast tumors. <i>Breast Cancer Research</i> , 2012, 14, R153.	5.0	31
30	Nitric oxide and tumor metabolic reprogramming. <i>Biochemical Pharmacology</i> , 2020, 176, 113769.	4.4	31
31	VEGF targeted therapy in acute myeloid leukemia. <i>Critical Reviews in Oncology/Hematology</i> , 2011, 80, 241-256.	4.4	30
32	Rapid Induction of NF- β Binding during Liver Cell Isolation and Culture: Inhibition by L-NAME Indicates a Role for Nitric Oxide Synthase. <i>Biochemical and Biophysical Research Communications</i> , 1999, 257, 145-148.	2.1	29
33	Promutagen activation by fish liver as a biomarker of littoral pollution. <i>Environmental and Molecular Mutagenesis</i> , 1994, 24, 116-123.	2.2	28
34	Potential Use of Statins in the Treatment of Antiphospholipid Syndrome. <i>Current Rheumatology Reports</i> , 2012, 14, 87-94.	4.7	28
35	A role for endothelial nitric oxide synthase in intestinal stem cell proliferation and mesenchymal colorectal cancer. <i>BMC Biology</i> , 2018, 16, 3.	3.8	27
36	Alteration of S~nitrosothiol homeostasis and targets for protein S~nitrosation in human hepatocytes. <i>Proteomics</i> , 2008, 8, 4709-4720.	2.2	26

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37	Altered S-nitrosothiol homeostasis provides a survival advantage to breast cancer cells in HER2 tumors and reduces their sensitivity to trastuzumab. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 601-610.	3.8	26
38	Circulating Cell-Free DNA-Based Liquid Biopsy Markers for the Non-Invasive Prognosis and Monitoring of Metastatic Pancreatic Cancer. <i>Cancers</i> , 2020, 12, 1754.	3.7	26
39	Formation of 8-oxoguanine in cellular DNA of <i>Escherichia coli</i> strains defective in different antioxidant defences. <i>Mutagenesis</i> , 1998, 13, 589-594.	2.6	24
40	Metabolic activation of carcinogenic aromatic amines by fish exposed to environmental pollutants. <i>Environmental and Molecular Mutagenesis</i> , 1995, 25, 50-57.	2.2	23
41	Inhibition of nitric oxide synthesis during induced cholestasis ameliorates hepatocellular injury by facilitating S-nitrosothiol homeostasis. <i>Laboratory Investigation</i> , 2010, 90, 116-127.	3.7	23
42	The addition of celecoxib improves the antitumor effect of cetuximab in colorectal cancer: role of EGFR-RAS-FOXM1- β -catenin signaling axis. <i>Oncotarget</i> , 2017, 8, 21754-21769.	1.8	20
43	Altered protein expression and protein nitration pattern during d-galactosamine-induced cell death in human hepatocytes: a proteomic analysis. <i>Liver International</i> , 2005, 25, 1259-1269.	3.9	19
44	Pharmacological impairment of s-nitrosoglutathione or thioredoxin reductases augments protein S-Nitrosation in human hepatocarcinoma cells. <i>Anticancer Research</i> , 2010, 30, 415-21.	1.1	19
45	Genetic variants in the renin-angiotensin system predict response to bevacizumab in cancer patients. <i>European Journal of Clinical Investigation</i> , 2015, 45, 1325-1332.	3.4	18
46	The Combination of Neutrophil-Lymphocyte Ratio and Platelet-Lymphocyte Ratio with Liquid Biopsy Biomarkers Improves Prognosis Prediction in Metastatic Pancreatic Cancer. <i>Cancers</i> , 2021, 13, 1210.	3.7	18
47	To Cardiovascular Disease and Beyond: New Therapeutic Perspectives of Statins in Autoimmune Diseases and Cancer. <i>Current Drug Targets</i> , 2012, 13, 829-841.	2.1	16
48	Detection and Proteomic Identification of S-Nitrosated Proteins in Human Hepatocytes. <i>Methods in Enzymology</i> , 2008, 440, 273-281.	1.0	15
49	SWATH-based proteomics reveals processes associated with immune evasion and metastasis in poor prognosis colorectal tumours. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 8219-8232.	3.6	15
50	GCDCA down-regulates gene expression by increasing Sp1 binding to the NOS-3 promoter in an oxidative stress dependent manner. <i>Biochemical Pharmacology</i> , 2015, 96, 39-51.	4.4	14
51	Uptake and clearance of PCB congeners in <i>Chamaelea gallina</i> : response of oxidative stress biomarkers. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2003, 134, 57-67.	2.6	13
52	Multivariate discriminant analysis distinguishes metal- from non metal-related biomarker responses in the clam <i>Chamaelea gallina</i> . <i>Marine Pollution Bulletin</i> , 2009, 58, 64-71.	5.0	13
53	Additive effect of PTK787/ZK 222584, a potent inhibitor of VEGFR phosphorylation, with Idarubicin in the treatment of acute myeloid leukemia. <i>Experimental Hematology</i> , 2009, 37, 679-691.	0.4	13
54	Clinical Utility of microRNAs in Exhaled Breath Condensate as Biomarkers for Lung Cancer. <i>Journal of Personalized Medicine</i> , 2021, 11, 111.	2.5	13

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55	Proteomic analysis for developing new biomarkers of hepatocellular carcinoma. <i>World Journal of Hepatology</i> , 2010, 2, 127.	2.0	13
56	The differential effect of PGE1 on d-galactosamine-induced nitrosative stress and cell death in primary culture of human hepatocytes. <i>Prostaglandins and Other Lipid Mediators</i> , 2006, 79, 245-259.	1.9	12
57	KIR Genes and Their Ligands Predict the Response to Anti-EGFR Monoclonal Antibodies in Solid Tumors. <i>Frontiers in Immunology</i> , 2016, 7, 561.	4.8	11
58	Association of Tumor Budding With Immune Evasion Pathways in Primary Colorectal Cancer and Patient-Derived Xenografts. <i>Frontiers in Medicine</i> , 2020, 7, 264.	2.6	10
59	S-nitrosation of proteins during d-galactosamine-induced cell death in human hepatocytes. <i>Free Radical Research</i> , 2007, 41, 50-61.	3.3	9
60	Proteomics insights into deregulated protein S-nitrosylation and disease. <i>Expert Review of Proteomics</i> , 2012, 9, 59-69.	3.0	8
61	Nitric oxide-targeted therapy inhibits stemness and increases the efficacy of tamoxifen in estrogen receptor-positive breast cancer cells. <i>Laboratory Investigation</i> , 2021, 101, 292-303.	3.7	7
62	AEE788 is a vascular endothelial growth factor receptor tyrosine kinase inhibitor with antiproliferative and proapoptotic effects in acute myeloid leukemia. <i>Experimental Hematology</i> , 2010, 38, 641-652.	0.4	6
63	Differential Bone Marrow Hematopoietic Stem Cells Mobilization in Hepatectomized Patients. <i>Journal of Gastrointestinal Surgery</i> , 2011, 15, 1459-1467.	1.7	6
64	BIOCHEMICAL BIOMARKERS OF POLLUTION IN THE CLAM CHAMAELEA GALLINA FROM SOUTH-SPANISH LITTORAL. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 542.	4.3	6
65	Mutagenic activation of arylamines by subcellular fractions of <i>Chamaelea gallina</i> clams exposed to environmental pollutants. <i>Environmental and Molecular Mutagenesis</i> , 2003, 41, 55-63.	2.2	3
66	Effect of aflibercept plus FOLFIRI and potential efficacy biomarkers in patients with metastatic colorectal cancer: the POLAF trial. <i>British Journal of Cancer</i> , 2022, 126, 874-880.	6.4	3
67	Basal VEGF-A and ACE Plasma Levels of Metastatic Colorectal Cancer Patients Have Prognostic Value for First-Line Treatment with Chemotherapy Plus Bevacizumab. <i>Cancers</i> , 2022, 14, 3054.	3.7	1
68	977 INHIBITION OF NITRIC OXIDE SYNTHESIS DURING INDUCED CHOLESTASIS AMELIORATES HEPATOCELLULAR INJURY BY FACILITATING S-NITROSOTHIOL HOMEOSTASIS. <i>Journal of Hepatology</i> , 2010, 52, S377-S378.	3.7	0
69	S-Nitrosothiol Metabolism in Cancer and Therapeutic Implications. , 2017, , 211-222.		0
70	Nitric Oxide Scavenging-Based Therapies for Targeting Colorectal Cancer. , 2019, , 159-171.		0