Armando Rojas

List of Publications by Year
in descending order

90 papers	2,304 citations	172386 29 h-index	233338 45 g-index
95 all docs	95 docs citations	95 times ranked	3560 citing authors

#	Article	IF	Citations
1	Dietary Advanced Glycation End Products and Their Role in Health and Disease. Advances in Nutrition, 2015, 6, 461-473.	2.9	252
2	Fueling inflammation at tumor microenvironment: the role of multiligand/rage axis. Carcinogenesis, 2010, 31, 334-341.	1.3	136
3	Advanced glycation and endothelial functions: A link towards vascular complications in diabetes. Life Sciences, 2004, 76, 715-730.	2.0	111
4	Regulation of Endothelial Nitric Oxide Synthase Expression by Albumin-Derived Advanced Glycosylation End Products. Circulation Research, 2000, 86, E50-4.	2.0	98
5	Chlorogenic Acid Inhibits Human Platelet Activation and Thrombus Formation. PLoS ONE, 2014, 9, e90699.	1.1	78
6	The receptor for advanced glycation end-products: A complex signaling scenario for a promiscuous receptor. Cellular Signalling, 2013, 25, 609-614.	1.7	77
7	Is ozone pre-conditioning effect linked to Nrf2/EpRE activation pathway in vivo? A preliminary result. European Journal of Pharmacology, 2014, 742, 158-162.	1.7	68
8	HMGB1 enhances the protumoral activities of M2 macrophages by a RAGE-dependent mechanism. Tumor Biology, 2016, 37, 3321-3329.	0.8	63
9	Albumin-derived advanced glycation end-products trigger the disruption of the vascular endothelial cadherin complex in cultured human and murine endothelial cells. Biochemical Journal, 2001, 359, 567-574.	1.7	55
10	Extracellular matrix glycation and receptor for advanced glycation end-products activation: a missing piece in the puzzle of the association between diabetes and cancer. Carcinogenesis, 2018, 39, 515-521.	1.3	53
11	Gastric Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2020, 1226, 23-35.	0.8	51
12	Polyphenols and AGEs/RAGE axis. Trends and challenges. Food Research International, 2020, 129, 108843.	2.9	50
13	Advanced Glycation and ROS: A Link between Diabetes and Heart Failure. Current Vascular Pharmacology, 2008, 6, 44-51.	0.8	48
14	The immunobiology of the receptor of advanced glycation end-products: Trends and challenges. Immunobiology, 2013, 218, 790-797.	0.8	48
15	Diabetes and cancer: Looking at the multiligand/RAGE axis. World Journal of Diabetes, 2011, 2, 108.	1.3	43
16	Role of Nitric Oxide Pathway in the Protection Against Lethal Endotoxemia Afforded by Low Doses of Lipopolysaccharide. Biochemical and Biophysical Research Communications, 1993, 191, 441-446.	1.0	42
17	Albumin-derived advanced glycation end-products trigger the disruption of the vascular endothelial cadherin complex in cultured human and murine endothelial cells. Biochemical Journal, 2001, 359, 567.	1.7	41
18	SARS-CoV-2-mediated inflammatory response in lungs: should we look at RAGE?. Inflammation Research, 2020, 69, 641-643.	1.6	41

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19	Activation of phospholipase D by interleukin-8 in human neutrophils. Blood, 1994, 84, 3895-3901.	0.6	40
20	Nitric oxide, an iceberg in cardiovascular physiology:. Archives of Medical Research, 2004, 35, 1-11.	1.5	40
21	Oxidative Stress at the Vascular Wall. Mechanistic and Pharmacological Aspects. Archives of Medical Research, 2006, 37, 436-448.	1.5	40
22	Effect of Advanced Glycosylation End Products on the Induction of Nitric Oxide Synthase in Murine Macrophages. Biochemical and Biophysical Research Communications, 1996, 225, 358-362.	1.0	39
23	Dietary AGEs as Exogenous Boosters of Inflammation. Nutrients, 2021, 13, 2802.	1.7	39
24	Microencapsulation of an antiâ€VEâ€"cadherin antibody secreting 1B5 hybridoma cells. Biotechnology and Bioengineering, 2001, 76, 285-294.	1.7	38
25	Effects of Phycocyanin Extract on Tumor Necrosis Factor-Î± and Nitrite Levels in Serum of Mice Treated with Endotoxin. Arzneimittelforschung, 2001, 51, 733-736.	0.5	38
26	Chlorpromazine Inhibits Both the Constitutive Nitric Oxide Synthase and the Induction of Nitric Oxide Synthase After LPS Challenge. Biochemical and Biophysical Research Communications, 1993, 196, 280-286.	1.0	35
27	Differential Interleukin-8 Response of Intestinal Epithelial Cell Line to Reactogenic and Nonreactogenic Candidate Vaccine Strains of Vibrio cholerae. Infection and Immunity, 2001, 69, 613-616.	1.0	34
28	Role of multiligand/RAGE axis in platelet activation. Thrombosis Research, 2014, 133, 308-314.	0.8	33
29	NF-Î°B signaling pathway as target for antiplatelet activity. Blood Reviews, 2016, 30, 309-315.	2.8	33
30	Gallstones, Body Mass Index, Câ€Reactive Protein, and Gallbladder Cancer: Mendelian Randomization Analysis of Chilean and European Genotype Data. Hepatology, 2021, 73, 1783-1796.	3.6	32
31	Monocyte Chemotactic Protein-1 Inhibits the Induction of Nitric Oxide Synthase in J774 Cells. Biochemical and Biophysical Research Communications, 1993, 196, 274-279.	1.0	29
32	Ca(2+)-independent nitric oxide synthase activity in human lung after cardiopulmonary bypass.. Thorax, 1995, 50, 403-404.	2.7	24
33	Evidence of involvement of the receptor for advanced glycation end-products (RAGE) in the adhesion of Helicobacter pylori to gastric epithelial cells. Microbes and Infection, 2011, 13, 818-823.	1.0	24
34	Adipose tissue macrophages as a therapeutic target in obesityâ€associated diseases. Obesity Reviews, 2021, 22, e13200.	3.1	24
35	The potential role of dietary advanced glycation endproducts in the development of chronic non-infectious diseases: a narrative review. Nutrition Research Reviews, 2020, 33, 298-311.	2.1	23
36	Inhibition of RAGE Axis Signaling: A Pharmacological Challenge. Current Drug Targets, 2019, 20, 340-346.	1.0	23

#	Article	IF	Citations
37	Nitric oxide disrupts VE-cadherin complex in murine microvascular endothelial cells. Biochemical and Biophysical Research Communications, 2003, 304, 113-118.	1.0	22
38	Pathophysiology of the proatherothrombotic state in the metabolic syndrome. Frontiers in Bioscience - Scholar, 2010, S2, 194-208.	0.8	21
39	Cell line cross-contamination in biomedical research: a call to prevent unawareness. Acta Pharmacologica Sinica, 2008, 29, 877-880.	2.8	19
40	Cross-talk between platelet and tumor microenvironment: Role of multiligand/RAGE axis in platelet activation. Blood Reviews, 2016, 30, 213-221.	2.8	19
41	The Emerging Role of the Receptor for Advanced Glycation End Products on Innate Immunity. International Reviews of Immunology, 2014, 33, 67-80.	1.5	18
42	Facing Up the ROS Labyrinth - Where To Go?. Current Vascular Pharmacology, 2006, 4, 277-289.	0.8	17
43	Contribution of RAGE axis activation to the association between metabolic syndrome and cancer. Molecular and Cellular Biochemistry, 2021, 476, 1555-1573.	1.4	16
44	Increases in chromosome aberrations and in abnormal sperm morphology in rubber factory workers. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1994, 323, 151-157.	1.2	15
45	An insight into the pathophysiology of thrombosis in antiphospholipid syndrome. Frontiers in Bioscience - Landmark, 2007, 12, 3093.	3.0	14
46	Skewed Signaling through the Receptor for Advanced Glycation End-Products Alters the Proinflammatory Profile of Tumor-Associated Macrophages. Cancer Microenvironment, 2018, 11, 97-105.	3.1	13
47	Heparin and Low Molecular Weight Heparin Decrease Nitric Oxide Production by Human Polymorphonuclear Cells. Archives of Medical Research, 1999, 30, 116-119.	1.5	12
48	Helicobacter Pylori Infection and Lung Cancer: â€©New Insights and Future Challenges. Chinese Journal of Lung Cancer, 2018, 21, 658-662.	0.7	12
49	Statins and Portal Hypertension: A New Pharmacological Challenge. Current Vascular Pharmacology, 2012, 10, 767-772.	0.8	10
50	Advanced-glycation end-products axis: A contributor to the risk of severe illness from COVID-19 in diabetes patients. World Journal of Diabetes, 2021, 12, 590-602.	1.3	10
51	The RAGE/multiligand axis: a new actor in tumor biology. Bioscience Reports, 2022, 42, .	1.1	10
52	High prevalence of virulence-associated genotypes in Helicobacter pylori clinical isolates in the Region del Maule, Chile. Scandinavian Journal of Infectious Diseases, 2011, 43, 652-655.	1.5	9
53	Tumor-associated macrophages in gastric cancer: more than bystanders in tumor microenvironment. Gastric Cancer, 2017, 20, 215-216.	2.7	9
54	ABCB1/4 gallbladder cancer risk variants identified in India also show strong effects in Chileans. Cancer Epidemiology, 2020, 65, 101643.	0.8	9

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55	iNOS Activation Regulates Î²-catenin Association with Its Partners in Endothelial Cells. PLoS ONE, 2012, 7, e52964.	1.1	9
56	Lysyl oxidase isoforms in gastric cancer. Biomarkers in Medicine, 2016, 10, 987-998.	0.6	8
57	No increase in chromosome aberrations in lymphocytes from workers exposed to nitrogen fertilisers. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1992, 281, 133-135.	1.2	6
58	Inflammation at the crossroads of <i>Helicobacter pylori</i> and COVID-19. Future Microbiology, 2022, 17, 77-80.	1.0	6
59	The influence of cellular seeding density in the microencapsulation of hybridoma cells. Journal of Biomaterials Science, Polymer Edition, 2005, 16, 521-529.	1.9	5
60	Cell line crossâ€contamination: a detrimental issue in current biomedical research. Cell Biology International, 2018, 42, 272-272.	1.4	5
61	Receptor for advanced glycation end-products axis and coronavirus disease 2019 in inflammatory bowel diseases: A dangerous liaison?. World Journal of Gastroenterology, 2021, 27, 2270-2280.	1.4	5
62	No increase in chromosome aberrations in workers from an oil catalytic cracking plant. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1992, 282, 209-212.	1.2	4
63	M2 macrophages do not fly into a â€œRAGEâ€. Inflammation Research, 2017, 66, 13-15.	1.6	4
64	HMGB1 decreases CCR-2 expression and migration of M2 macrophages under hypoxia. Inflammation Research, 2019, 68, 639-642.	1.6	4
65	Diabetes mellitus contribution to the remodeling of the tumor microenvironment in gastric cancer. World Journal of Gastrointestinal Oncology, 2021, 13, 1997-2012.	0.8	4
66	Nitric oxide modulates interleukin-2-induced proliferation in CTLL-2 cells. Mediators of Inflammation, 1996, 5, 324-327.	1.4	3
67	The Imperative Authentication of Cell Lines. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	3
68	Modulation of Nitric Oxide Pathway by Multiligands/RAGE Axis: A Crossing Point on the Road to Microvascular Complication in Diabetes. Current Enzyme Inhibition, 2010, 6, 34-45.	0.3	3
69	Identification of Circulating lncRNAs Associated with Gallbladder Cancer Risk by Tissue-Based Preselection, Cis-eQTL Validation, and Analysis of Association with Genotype-Based Expression. Cancers, 2022, 14, 634.	1.7	3
70	Generation of Murine Triomas Secreting Bi-specific Monoclonal Antibodies That Recognize HBsAG<i>ad</i>and<i>ay</i>Subtypes. Hybridoma, 1992, 11, 815-823.	0.9	2
71	Letter To The Editor. European Journal of Neurology, 2008, 15, e8.	1.7	2
72	EL CONSUMO DE FRUTAS Y HORTALIZAS AYUDA A PREVENIR EL DAÃ‘O ENDOTELIAL. Revista Chilena De Nutricion, 2011, 38, 343-355.	0.1	2

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73	Abstract 725: HMGB1-mediated RAGE activation mechanism in M2 macrophages. , 2016, , .		2
74	AGE Clearance Mechanisms. , 2017, , 37-50.		2
75	Dermal Collagen Stabilization by Polyphenols and Spray Drying as an Encapsulation Strategy. Current Topics in Medicinal Chemistry, 2018, 18, 1242-1251.	1.0	2
76	Oxidative stress in tumor microenvironment--Its role in angiogenesis. Chinese Journal of Lung Cancer, 2008, 11, 297-305.	0.7	2
77	Cholera toxin differentially regulates nitric oxide synthesis, tumor necrosis factor-ÃŽÂ± production and respiratory burst in murine macrophages. FEMS Immunology and Medical Microbiology, 1998, 22, 193-198.	2.7	1
78	Stopping the use of false â€œendothelialâ€•cell lines. International Immunopharmacology, 2009, 9, 258.	1.7	1
79	Identity Crisis â€" Bladder cells in vascular biology. Toxicology in Vitro, 2011, 25, 999.	1.1	1
80	Cell Line Cross-contamination: Who Wins?. Journal of Biological Chemistry, 2011, 286, le20.	1.6	1
81	Pattern recognition receptors and their roles in the host response to Helicobacter pylori infection. Future Microbiology, 2021, 16, 1229-1238.	1.0	1
82	Competitive enzyme inhibition immunoassay of apolipoprotein B based on monoclonal antibody. Clinica Chimica Acta, 1992, 205, 245-247.	0.5	0
83	Lobenzarit disodium inhibits the constitutive NOâ€"cGMP metabolic pathways. Possible involvement as an immunomodulatory drug. Mediators of Inflammation, 1995, 4, 364-367.	1.4	0
84	Calling attention to the use of false â€œendothelialâ€•cell lines. Fertility and Sterility, 2010, 93, e33.	0.5	0
85	Comment on â€œEndothelial ICAM-1 Protein Induction Is Regulated by Cytosolic Phospholipase A2Î± via Both NF-ÎºB and CREB Transcription Factorsâ€• Journal of Immunology, 2011, 187, 2041.1-2041.	0.4	0
86	Letter to the editor: Cross-contaminated cell lines: there is no time to lose. American Journal of Physiology - Cell Physiology, 2019, 317, C626-C626.	2.1	0
87	Pathogenic potential of Helicobacter pylori strains can explain differences in H. pylori associated diseases rates from Chile and Cuba. Bangladesh Journal of Medical Science, 2019, 18, 577-585.	0.1	0
88	RID: Evaluation of the Possible Inhibiting Effect of the Proinflammatory Signaling Induced by TNF-<i>Î±</i> through NF-<i>Îºî²</i> and AP-1 in Two Cell Lines of Breast Cancer. Mediators of Inflammation, 2020, 2020, 1-8.	1.4	0
89	RAGE at Tumor Microenvironment. Looking at Tumor-associated Macrophages. Chinese Journal of Lung Cancer, 2015, 18, 725-6.	0.7	0
90	RAGE in Cancer Lung: the End of a Long and Winding Road is in Sight. Chinese Journal of Lung Cancer, 2018, 21, 655-657.	0.7	0