

Guillermo T SÃ¡ez

List of Publications by Year in descending order

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90
papers

6,493
citations

94433
37
h-index

64796
79
g-index

92
all docs

92
docs citations

92
times ranked

8767
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of a Mediterranean-Style Diet on Cardiovascular Risk Factors. <i>Annals of Internal Medicine</i> , 2006, 145, 1.	3.9	1,430
2	Cohort Profile: Design and methods of the PREDIMED study. <i>International Journal of Epidemiology</i> , 2012, 41, 377-385.	1.9	477
3	Effect of a Traditional Mediterranean Diet on Lipoprotein Oxidation. <i>Archives of Internal Medicine</i> , 2007, 167, 1195.	3.8	365
4	Antioxidant Activities and Oxidative Stress Byproducts in Human Hypertension. <i>Hypertension</i> , 2003, 41, 1096-1101.	2.7	356
5	<i>In vivo</i> nutrigenomic effects of virgin olive oil polyphenols within the frame of the Mediterranean diet: a randomized controlled trial. <i>FASEB Journal</i> , 2010, 24, 2546-2557.	0.5	243
6	Effect of the Mediterranean diet on blood pressure in the PREDIMED trial: results from a randomized controlled trial. <i>BMC Medicine</i> , 2013, 11, 207.	5.5	227
7	Olive Oils High in Phenolic Compounds Modulate Oxidative/Antioxidative Status in Men. <i>Journal of Nutrition</i> , 2004, 134, 2314-2321.	2.9	221
8	53 mutations in human bladder cancer: Genotypic versus phenotypic patterns. <i>International Journal of Cancer</i> , 1994, 56, 347-353.	5.1	220
9	Cohort Profile: Design and methods of the PREDIMED-Plus randomized trial. <i>International Journal of Epidemiology</i> , 2019, 48, 387-388o.	1.9	179
10	The Mediterranean diet improves the systemic lipid and DNA oxidative damage in metabolic syndrome individuals. A randomized, controlled, trial. <i>Clinical Nutrition</i> , 2013, 32, 172-178.	5.0	164
11	Human and Methodological Sources of Variability in the Measurement of Urinary 8-Oxo-7,8-dihydro-2â€²-deoxyguanosine. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 2377-2391.	5.4	130
12	Effect of the Mediterranean diet on heart failure biomarkers: a randomized sample from the PREDIMED trial. <i>European Journal of Heart Failure</i> , 2014, 16, 543-550.	7.1	121
13	Mitochondrial dysfunction, persistent oxidative damage, and catalase inhibition in immune cells of naïve and treated Crohn's disease. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 76-86.	1.9	110
14	Antioxidant enzyme activities and the production of MDA and 8-oxo-dG in chronic lymphocytic leukemia. <i>Free Radical Biology and Medicine</i> , 2001, 30, 1286-1292.	2.9	108
15	A fast kinetic method for assessing mitochondrial membrane potential in isolated hepatocytes with rhodamine 123 and flow cytometry. <i>Cytometry</i> , 1994, 15, 335-342.	1.8	85
16	Low-fat dairy products and blood pressure: follow-up of 2290 older persons at high cardiovascular risk participating in the PREDIMED study. <i>British Journal of Nutrition</i> , 2009, 101, 59-67.	2.3	85
17	Effect of nut consumption on oxidative stress and the endothelial function in metabolic syndrome. <i>Clinical Nutrition</i> , 2010, 29, 373-380.	5.0	85
18	Genetic alterations and oxidative metabolism in sporadic colorectal tumors from a Spanish community. , 1997, 18, 232-243.		81

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19	Oxidative Stress and DNA Damage in Human Gastric Carcinoma: 8-Oxo-7'8-dihydro-2'-deoxyguanosine (8-oxo-dG) as a Possible Tumor Marker. <i>International Journal of Molecular Sciences</i> , 2013, 14, 3467-3486.	4.1	75
20	The effect of olive oil polyphenols on antibodies against oxidized LDL. A randomized clinical trial. <i>Clinical Nutrition</i> , 2011, 30, 490-493.	5.0	71
21	Factors related to the impact of antihypertensive treatment in antioxidant activities and oxidative stress by-products in human hypertension. <i>American Journal of Hypertension</i> , 2004, 17, 809-816.	2.0	66
22	One-year follow-up of clinical, metabolic and oxidative stress profile of morbid obese patients after laparoscopic sleeve gastrectomy. 8-oxo-dG as a clinical marker. <i>Redox Biology</i> , 2017, 12, 389-402.	9.0	55
23	Dose-dependent metabolic disposition of hydroxytyrosol and formation of mercapturates in rats. <i>Pharmacological Research</i> , 2013, 77, 47-56.	7.1	54
24	Paraoxonase-1 Deficiency Is Associated with Severe Liver Steatosis in Mice Fed a High-fat High-cholesterol Diet: A Metabolomic Approach. <i>Journal of Proteome Research</i> , 2013, 12, 1946-1955.	3.7	54
25	Pterostilbene Decreases the Antioxidant Defenses of Aggressive Cancer Cells <i>in Vivo</i> : A Physiological Glucocorticoids- and Nrf2-Dependent Mechanism. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 974-990.	5.4	54
26	Oxidative Stress and DNA Damage in Obesity-Related Tumorigenesis. <i>Advances in Experimental Medicine and Biology</i> , 2014, 824, 5-17.	1.6	49
27	Plasma selenium levels and oxidative stress biomarkers: A gene-environment interaction population-based study. <i>Free Radical Biology and Medicine</i> , 2014, 74, 229-236.	2.9	49
28	Alcohol consumption is associated with high concentrations of urinary hydroxytyrosol. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1329-1335.	4.7	47
29	Effect of olive oil phenolic compounds on the expression of blood pressure-related genes in healthy individuals. <i>European Journal of Nutrition</i> , 2017, 56, 663-670.	3.9	46
30	Urinary 8-oxo-7,8-dihydro-2'-deoxyguanosine (8-oxo-dG), a reliable oxidative stress marker in hypertension. <i>Free Radical Research</i> , 2007, 41, 546-554.	3.3	44
31	Inadequate Cytoplasmic Antioxidant Enzymes Response Contributes to the Oxidative Stress in Human Hypertension. <i>American Journal of Hypertension</i> , 2007, 20, 62-69.	2.0	43
32	Role of prolactin in amino acid uptake by the lactating mammary gland of the rat. <i>FEBS Letters</i> , 1981, 126, 250-252.	2.8	42
33	Oxidative stress markers in the neocortex of drug-resistant epilepsy patients submitted to epilepsy surgery. <i>Epilepsy Research</i> , 2013, 107, 75-81.	1.6	41
34	The role of 8-hydroxy-2'-deoxyguanosine in rifamycin-induced DNA damage. <i>Free Radical Biology and Medicine</i> , 1995, 18, 747-755.	2.9	40
35	Polymorphisms of antioxidant enzymes, blood pressure and risk of hypertension. <i>Journal of Hypertension</i> , 2011, 29, 492-500.	0.5	40
36	The effect of cysteine and N-acetyl cysteine on rat liver glutathione (GSH). <i>Biochemical Pharmacology</i> , 1983, 32, 3483-3485.	4.4	38

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37	Role of glutathione in the induction of apoptosis and c-fos and c-jun mRNAs by oxidative stress in tumor cells. <i>Cancer Letters</i> , 2004, 208, 103-113.	7.2	38
38	Impairment of antioxidant enzymes, lipid peroxidation and 8-oxo-2'-deoxyguanosine in advanced epithelial ovarian carcinoma of a Spanish community. <i>Cancer Letters</i> , 2006, 233, 28-35.	7.2	38
39	MicroRNA-410 regulated lipoprotein lipase variant rs13702 is associated with stroke incidence and modulated by diet in the randomized controlled PREDIMED trial. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 719-731.	4.7	37
40	Mice Lacking Thyroid Hormone Receptor β Show Enhanced Apoptosis and Delayed Liver Commitment for Proliferation after Partial Hepatectomy. <i>PLoS ONE</i> , 2010, 5, e8710.	2.5	37
41	Polymorphisms Cyclooxygenase-2 -765G>C and Interleukin-6 -174G>C Are Associated with Serum Inflammation Markers in a High Cardiovascular Risk Population and Do Not Modify the Response to a Mediterranean Diet Supplemented with Virgin Olive Oil or Nuts. <i>Journal of Nutrition</i> , 2009, 139, 128-134.	2.9	36
42	Insulin resistance and oxidative stress in familial combined hyperlipidemia. <i>Atherosclerosis</i> , 2008, 199, 384-389.	0.8	35
43	Effects of glutathione depletion on gluconeogenesis in isolated hepatocytes. <i>Archives of Biochemistry and Biophysics</i> , 1985, 241, 75-80.	3.0	34
44	Oxidative stress in bisphosphonate-related osteonecrosis of the jaws. <i>Journal of Oral Pathology and Medicine</i> , 2014, 43, 371-377.	2.7	34
45	Study of oxidative stress in patients with advanced renal disease and undergoing either hemodialysis or peritoneal dialysis. <i>Clinical Nephrology</i> , 2013, 80, 177-186.	0.7	33
46	Differences between cysteine and homocysteine in the induction of deoxyribose degradation and DNA damage. <i>Free Radical Biology and Medicine</i> , 2001, 30, 354-362.	2.9	31
47	Xanthine oxidoreductase polymorphisms: influence in blood pressure and oxidative stress levels. <i>Pharmacogenetics and Genomics</i> , 2007, 17, 589-596.	1.5	26
48	Different hydrolytic efficiencies of adipose tissue lipoprotein lipase on very-low-density lipoprotein subfractions separated by heparin-Sepharose chromatography. <i>Lipids and Lipid Metabolism</i> , 1993, 1167, 70-78.	2.6	24
49	Different Impacts of Cardiovascular Risk Factors on Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2011, 12, 6146-6163.	4.1	24
50	Early ROS-mediated DNA damage and oxidative stress biomarkers in Monoclonal B Lymphocytosis. <i>Cancer Letters</i> , 2012, 317, 144-149.	7.2	24
51	Effect of Fasting on Amino Acid Metabolism by Lactating Mammary Gland: Studies in Women and Rats. <i>Journal of Nutrition</i> , 1987, 117, 533-538.	2.9	23
52	Oxidative stress and recurrent aphthous stomatitis. <i>Clinical Oral Investigations</i> , 2014, 18, 1919-1923.	3.0	22
53	The Effect of Moderate- Versus High-Intensity Resistance Training on Systemic Redox State and DNA Damage in Healthy Older Women. <i>Biological Research for Nursing</i> , 2018, 20, 205-217.	1.9	21
54	Effects of the Ser326Cys Polymorphism in the DNA Repair OGG1 Gene on Cancer, Cardiovascular, and All-Cause Mortality in the PREDIMED Study: Modulation by Diet. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2018, 118, 589-605.	0.8	20

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55	Urinary levels of sirtuin-1 associated with disease activity in lupus nephritis. <i>Clinical Science</i> , 2018, 132, 569-579.	4.3	19
56	On the Function of Modified Nucleosides in the RNA World. <i>Journal of Theoretical Biology</i> , 1998, 194, 485-490.	1.7	18
57	Oxidative imbalance in low/intermediate-risk myelodysplastic syndrome patients: The influence of iron overload. <i>Clinical Biochemistry</i> , 2017, 50, 911-917.	1.9	18
58	Impact of cardiovascular risk factors on oxidative stress and DNA damage in a high risk Mediterranean population. <i>Free Radical Research</i> , 2009, 43, 1179-1186.	3.3	17
59	Frying oils with high natural or added antioxidants content, which protect against postprandial oxidative stress, also protect against DNA oxidation damage. <i>European Journal of Nutrition</i> , 2017, 56, 1597-1607.	3.9	16
60	Salivary and serum interleukin-6 levels in proliferative verrucous leukoplakia. <i>Clinical Oral Investigations</i> , 2016, 20, 737-743.	3.0	15
61	PAI-1 Levels are Related to Insulin Resistance and Carotid Atherosclerosis in Subjects with Familial Combined Hyperlipidemia. <i>Journal of Investigative Medicine</i> , 2018, 66, 17-21.	1.6	15
62	The Role of Glutathione in Protection against DNA Damage Induced by Rifamycin SV And Copper(II) Ions. <i>Free Radical Research Communications</i> , 1993, 19, 81-92.	1.8	14
63	Equilibration of metabolic CO ₂ with preformed CO ₂ and bicarbonate. <i>FEBS Letters</i> , 1983, 153, 438-440.	2.8	13
64	Absence of MDM-2 gene amplification in experimentally induced tumors regardless of p53 status. <i>Molecular Carcinogenesis</i> , 1994, 9, 40-45.	2.7	13
65	Discordant Response of Glutathione and Thioredoxin Systems in Human Hypertension?. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 507-514.	5.4	13
66	Gamma-Glutamyl-Amino Acids as Signals for the Hormonal Regulation of Amino Acid Uptake by the Mammary Gland of the Lactating Rat. <i>Neonatology</i> , 1985, 48, 250-256.	2.0	12
67	Increased Oxidative Damage Associated with Unfavorable Cytogenetic Subgroups in Chronic Lymphocytic Leukemia. <i>BioMed Research International</i> , 2014, 2014, 1-5.	1.9	12
68	Oxidative Stress Is Associated with an Increased Antioxidant Defense in Elderly Subjects: A Multilevel Approach. <i>PLoS ONE</i> , 2014, 9, e105881.	2.5	12
69	The Effectiveness of Glutathione Redox Status as a Possible Tumor Marker in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6183.	4.1	11
70	Myocardial Glutathione Alterations in Acute Coronary Occlusion in the Dog. <i>Free Radical Research Communications</i> , 1987, 4, 27-30.	1.8	9
71	Effect of metal ion catalyzed oxidation of rifamycin SV on cell viability and metabolic performance of isolated rat hepatocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1991, 1092, 326-335.	4.1	9
72	A New Polymorphic Site in Intron 2 of TP53 Characterizes LOH in Human Tumors by PCR-SSCP. <i>Diagnostic Molecular Pathology</i> , 1995, 4, 54-58.	2.1	9

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73	Role of NAD ⁺ /NADH redox ratio in cell metabolism. Archives of Biochemistry and Biophysics, 2016, 595, 176-180.	3.0	9
74	Oxidative stress and enzymatic antioxidant mechanisms in essential hypertension. American Journal of Hypertension, 2001, 14, A248.	2.0	8
75	DNA Injury and Repair Systems. International Journal of Molecular Sciences, 2018, 19, 1902.	4.1	8
76	Oxidative Stress in Non-Dialysis-Dependent Chronic Kidney Disease Patients. International Journal of Environmental Research and Public Health, 2021, 18, 7806.	2.6	8
77	Adherence to the Mediterranean Diet Has a Protective Role against Metabolic and DNA Damage Markers in Colorectal Cancer Patients. Antioxidants, 2022, 11, 499.	5.1	8
78	Flow cytometric analysis of peroxidative activity in granulocytes from coronary and peripheral blood in acute myocardial ischemia and reperfusion in dogs: Protective effect of methionine. , 1999, 37, 140-146.		7
79	DNA Damage and Repair in Degenerative Diseases 2016. International Journal of Molecular Sciences, 2017, 18, 166.	4.1	7
80	Urinary Klotho measured by ELISA as an early biomarker of acute kidney injury in patients after cardiac surgery or coronary angiography. Nefrologia, 2015, 35, 172-178.	0.4	6
81	Biomonitoring of Phthalates, Bisphenols and Parabens in Children: Exposure, Predictors and Risk Assessment. International Journal of Environmental Research and Public Health, 2021, 18, 8909.	2.6	6
82	Glucose formation from methylglyoxal in rat hepatocytes. Biochemical Society Transactions, 1985, 13, 945-946.	3.4	5
83	Decreased hepatic gluconeogenesis by treatment with substrates of the GSH S-transferases. Biochemical Pharmacology, 1985, 34, 453-454.	4.4	5
84	Enhanced reduction in oxidative stress and altered glutathione and thioredoxin system response to unsaturated fatty acid load in familial hypercholesterolemia. Clinical Biochemistry, 2014, 47, 291-297.	1.9	5
85	A new 8-oxo-7,8- ϵ^2 deoxyguanosine nanoporous anodic alumina aptasensor for colorectal cancer diagnosis in blood and urine. Nanoscale, 2021, 13, 8648-8657.	5.6	5
86	Oxidative stress induces the expression of the major histocompatibility complex in murine tumor cells. Free Radical Research, 2001, 35, 119-128.	3.3	4
87	Increased thioredoxin levels are related to insulin resistance in familial combined hyperlipidaemia. European Journal of Clinical Investigation, 2016, 46, 636-642.	3.4	4
88	Mutagenic effects of tumorigenic neutron radiation. , 1996, 65, 677-681.		2
89	Prevention of Teratogenesis in Pregnancies of Obese Rats by Vitamin E Supplementation. Antioxidants, 2021, 10, 1173.	5.1	2
90	Oxidative stress and early organ damage in essential hypertension. American Journal of Hypertension, 2001, 14, A248-A249.	2.0	1