

# Guillermo T SÃ¡ez

## List of Publications by Year in descending order

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90  
papers

6,493  
citations

94269

37  
h-index

64668

79  
g-index

92  
all docs

92  
docs citations

92  
times ranked

8767  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adherence to the Mediterranean Diet Has a Protective Role against Metabolic and DNA Damage Markers in Colorectal Cancer Patients. <i>Antioxidants</i> , 2022, 11, 499.	2.2	8
2	A new 8-oxo-7,8- $\epsilon^2$ deoxyguanosine nanoporous anodic alumina aptasensor for colorectal cancer diagnosis in blood and urine. <i>Nanoscale</i> , 2021, 13, 8648-8657.	2.8	5
3	The Effectiveness of Glutathione Redox Status as a Possible Tumor Marker in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6183.	1.8	11
4	Oxidative Stress in Non-Dialysis-Dependent Chronic Kidney Disease Patients. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7806.	1.2	8
5	Prevention of Teratogenesis in Pregnancies of Obese Rats by Vitamin E Supplementation. <i>Antioxidants</i> , 2021, 10, 1173.	2.2	2
6	Biomonitoring of Phthalates, Bisphenols and Parabens in Children: Exposure, Predictors and Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8909.	1.2	6
7	Cohort Profile: Design and methods of the PREDIMED-Plus randomized trial. <i>International Journal of Epidemiology</i> , 2019, 48, 387-388o.	0.9	179
8	Urinary levels of sirtuin-1 associated with disease activity in lupus nephritis. <i>Clinical Science</i> , 2018, 132, 569-579.	1.8	19
9	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.	1.0	21
10	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.	0.4	20
11	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.	0.7	15
12	DNA Injury and Repair Systems. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1902.	1.8	8
13	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.	1.8	46
14	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.	1.8	16
15	Oxidative imbalance in low/intermediate-risk myelodysplastic syndrome patients: The influence of iron overload. <i>Clinical Biochemistry</i> , 2017, 50, 911-917.	0.8	18
16	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.	3.9	55
17	DNA Damage and Repair in Degenerative Diseases 2016. <i>International Journal of Molecular Sciences</i> , 2017, 18, 166.	1.8	7
18	Increased thioredoxin levels are related to insulin resistance in familial combined hyperlipidaemia. <i>European Journal of Clinical Investigation</i> , 2016, 46, 636-642.	1.7	4

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19	Role of NAD <sup>+</sup> /NADH redox ratio in cell metabolism. Archives of Biochemistry and Biophysics, 2016, 595, 176-180.	1.4	9
20	Pterostilbene Decreases the Antioxidant Defenses of Aggressive Cancer Cells <i>In Vivo</i> : A Physiological Glucocorticoids- and Nrf2-Dependent Mechanism. Antioxidants and Redox Signaling, 2016, 24, 974-990.	2.5	54
21	Salivary and serum interleukin-6 levels in proliferative verrucous leukoplakia. Clinical Oral Investigations, 2016, 20, 737-743.	1.4	15
22	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.	0.2	6
23	Increased Oxidative Damage Associated with Unfavorable Cytogenetic Subgroups in Chronic Lymphocytic Leukemia. BioMed Research International, 2014, 2014, 1-5.	0.9	12
24	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.	0.8	5
25	Oxidative stress and recurrent aphthous stomatitis. Clinical Oral Investigations, 2014, 18, 1919-1923.	1.4	22
26	Effect of the Mediterranean diet on heart failure biomarkers: a randomized sample from the PREDIMED trial. European Journal of Heart Failure, 2014, 16, 543-550.	2.9	121
27	Oxidative stress in bisphosphonate-related osteonecrosis of the jaws. Journal of Oral Pathology and Medicine, 2014, 43, 371-377.	1.4	34
28	MicroRNA-410 regulated lipoprotein lipase variant rs13702 is associated with stroke incidence and modulated by diet in the randomized controlled PREDIMED trial. American Journal of Clinical Nutrition, 2014, 100, 719-731.	2.2	37
29	Oxidative Stress and DNA Damage in Obesity-Related Tumorigenesis. Advances in Experimental Medicine and Biology, 2014, 824, 5-17.	0.8	49
30	Plasma selenium levels and oxidative stress biomarkers: A gene-environment interaction population-based study. Free Radical Biology and Medicine, 2014, 74, 229-236.	1.3	49
31	Oxidative Stress Is Associated with an Increased Antioxidant Defense in Elderly Subjects: A Multilevel Approach. PLoS ONE, 2014, 9, e105881.	1.1	12
32	Oxidative stress markers in the neocortex of drug-resistant epilepsy patients submitted to epilepsy surgery. Epilepsy Research, 2013, 107, 75-81.	0.8	41
33	Dose-dependent metabolic disposition of hydroxytyrosol and formation of mercapturates in rats. Pharmacological Research, 2013, 77, 47-56.	3.1	54
34	Effect of the Mediterranean diet on blood pressure in the PREDIMED trial: results from a randomized controlled trial. BMC Medicine, 2013, 11, 207.	2.3	227
35	Human and Methodological Sources of Variability in the Measurement of Urinary 8-Oxo-7,8-dihydro-2-deoxyguanosine. Antioxidants and Redox Signaling, 2013, 18, 2377-2391.	2.5	130
36	Paraoxonase-1 Deficiency Is Associated with Severe Liver Steatosis in Mice Fed a High-fat High-cholesterol Diet: A Metabolomic Approach. Journal of Proteome Research, 2013, 12, 1946-1955.	1.8	54

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37	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.	2.3	164
38	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.	1.8	75
39	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.	0.4	33
40	Early ROS-mediated DNA damage and oxidative stress biomarkers in Monoclonal B Lymphocytosis. <i>Cancer Letters</i> , 2012, 317, 144-149.	3.2	24
41	Cohort Profile: Design and methods of the PREDIMED study. <i>International Journal of Epidemiology</i> , 2012, 41, 377-385.	0.9	477
42	Polymorphisms of antioxidant enzymes, blood pressure and risk of hypertension. <i>Journal of Hypertension</i> , 2011, 29, 492-500.	0.3	40
43	The effect of olive oil polyphenols on antibodies against oxidized LDL. A randomized clinical trial. <i>Clinical Nutrition</i> , 2011, 30, 490-493.	2.3	71
44	Different Impacts of Cardiovascular Risk Factors on Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2011, 12, 6146-6163.	1.8	24
45	Effect of nut consumption on oxidative stress and the endothelial function in metabolic syndrome. <i>Clinical Nutrition</i> , 2010, 29, 373-380.	2.3	85
46	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.	0.9	110
47	<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.	0.2	243
48	Mice Lacking Thyroid Hormone Receptor $\beta$ Show Enhanced Apoptosis and Delayed Liver Commitment for Proliferation after Partial Hepatectomy. <i>PLoS ONE</i> , 2010, 5, e8710.	1.1	37
49	Alcohol consumption is associated with high concentrations of urinary hydroxytyrosol. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1329-1335.	2.2	47
50	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.	1.3	36
51	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.	1.5	17
52	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.	1.2	85
53	Insulin resistance and oxidative stress in familial combined hyperlipidemia. <i>Atherosclerosis</i> , 2008, 199, 384-389.	0.4	35
54	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.	1.5	44

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55	Effect of a Traditional Mediterranean Diet on Lipoprotein Oxidation. Archives of Internal Medicine, 2007, 167, 1195.	4.3	365
56	Xanthine oxidoreductase polymorphisms: influence in blood pressure and oxidative stress levels. Pharmacogenetics and Genomics, 2007, 17, 589-596.	0.7	26
57	Inadequate Cytoplasmic Antioxidant Enzymes Response Contributes to the Oxidative Stress in Human Hypertension. American Journal of Hypertension, 2007, 20, 62-69.	1.0	43
58	Discordant Response of Glutathione and Thioredoxin Systems in Human Hypertension?. Antioxidants and Redox Signaling, 2007, 9, 507-514.	2.5	13
59	Impairment of antioxidant enzymes, lipid peroxidation and 8-oxo-2'-deoxyguanosine in advanced epithelial ovarian carcinoma of a Spanish community. Cancer Letters, 2006, 233, 28-35.	3.2	38
60	Effects of a Mediterranean-Style Diet on Cardiovascular Risk Factors. Annals of Internal Medicine, 2006, 145, 1.	2.0	1,430
61	Factors related to the impact of antihypertensive treatment in antioxidant activities and oxidative stress by-products in human hypertension. American Journal of Hypertension, 2004, 17, 809-816.	1.0	66
62	Role of glutathione in the induction of apoptosis and c-fos and c-jun mRNAs by oxidative stress in tumor cells. Cancer Letters, 2004, 208, 103-113.	3.2	38
63	Olive Oils High in Phenolic Compounds Modulate Oxidative/Antioxidative Status in Men. Journal of Nutrition, 2004, 134, 2314-2321.	1.3	221
64	Antioxidant Activities and Oxidative Stress Byproducts in Human Hypertension. Hypertension, 2003, 41, 1096-1101.	1.3	356
65	Oxidative stress and enzymatic antioxidant mechanisms in essential hypertension. American Journal of Hypertension, 2001, 14, A248.	1.0	8
66	Oxidative stress and early organ damage in essential hypertension. American Journal of Hypertension, 2001, 14, A248-A249.	1.0	1
67	Oxidative stress induces the expression of the major histocompatibility complex in murine tumor cells. Free Radical Research, 2001, 35, 119-128.	1.5	4
68	Differences between cysteine and homocysteine in the induction of deoxyribose degradation and DNA damage. Free Radical Biology and Medicine, 2001, 30, 354-362.	1.3	31
69	Antioxidant enzyme activities and the production of MDA and 8-oxo-dG in chronic lymphocytic leukemia. Free Radical Biology and Medicine, 2001, 30, 1286-1292.	1.3	108
70	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
71	On the Function of Modified Nucleosides in the RNA World. Journal of Theoretical Biology, 1998, 194, 485-490.	0.8	18
72	Genetic alterations and oxidative metabolism in sporadic colorectal tumors from a Spanish community. , 1997, 18, 232-243.		81

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73	Mutagenic effects of tumorigenic neutron radiation. , 1996, 65, 677-681.		2
74	The role of 8-hydroxy-2- $\beta$ -deoxyguanosine in rifamycin-induced DNA damage. Free Radical Biology and Medicine, 1995, 18, 747-755.	1.3	40
75	A New Polymorphic Site in Intron 2 of TP53 Characterizes LOH in Human Tumors by PCR-SSCP. Diagnostic Molecular Pathology, 1995, 4, 54-58.	2.1	9
76	Absence ofMDM-2 gene amplification in experimentally induced tumors regardless ofp53 status. Molecular Carcinogenesis, 1994, 9, 40-45.	1.3	13
77	A fast kinetic method for assessing mitochondrial membrane potential in isolated hepatocytes with rhodamine 123 and flow cytometry. Cytometry, 1994, 15, 335-342.	1.8	85
78	p53 mutations in human bladder cancer: Genotypicversus phenotypic patterns. International Journal of Cancer, 1994, 56, 347-353.	2.3	220
79	Different hydrolytic efficiencies of adipose tissue lipoprotein lipase on very-low-density lipoprotein subfractions separated by heparin-Sepharose chromatography. Lipids and Lipid Metabolism, 1993, 1167, 70-78.	2.6	24
80	The Role of Glutathione in Protection against DNA Damage Induced by Rifamycin SV And Copper(II) Ions. Free Radical Research Communications, 1993, 19, 81-92.	1.8	14
81	Effect of metal ion catalyzed oxidation of rifamycin SV on cell viability and metabolic performance of isolated rat hepatocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1991, 1092, 326-335.	1.9	9
82	Myocardial Glutathione Alterations in Acute Coronary Occlusion in the Dog. Free Radical Research Communications, 1987, 4, 27-30.	1.8	9
83	Effect of Fasting on Amino Acid Metabolism by Lactating Mammary Gland: Studies in Women and Rats. Journal of Nutrition, 1987, 117, 533-538.	1.3	23
84	Glucose formation from methylglyoxal in rat hepatocytes. Biochemical Society Transactions, 1985, 13, 945-946.	1.6	5
85	Gamma-Glutamyl-Amino Acids as Signals for the Hormonal Regulation of Amino Acid Uptake by the Mammary Gland of the Lactating Rat. Neonatology, 1985, 48, 250-256.	0.9	12
86	Effects of glutathione depletion on gluconeogenesis in isolated hepatocytes. Archives of Biochemistry and Biophysics, 1985, 241, 75-80.	1.4	34
87	Decreased hepatic gluconeogenesis by treatment with substrates of the GSH S-transferases. Biochemical Pharmacology, 1985, 34, 453-454.	2.0	5
88	The effect of cysteine and N-acetyl cysteine on rat liver glutathione (GSH). Biochemical Pharmacology, 1983, 32, 3483-3485.	2.0	38
89	Equilibration of metabolic CO <sub>2</sub> with preformed CO <sub>2</sub> and bicarbonate. FEBS Letters, 1983, 153, 438-440.	1.3	13
90	Role of prolactin in amino acid uptake by the lactating mammary gland of the rat. FEBS Letters, 1981, 126, 250-252.	1.3	42