

# JosÃ© I Ruiz-Sanz

## List of Publications by Year in descending order

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55  
papers

1,256  
citations

393982

19  
h-index

377514

34  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2069  
citing authors

#	ARTICLE	IF	CITATIONS
1	High tolerance of wild <i>Lactobacillus plantarum</i> and <i>Oenococcus oeni</i> strains to lyophilisation and stress environmental conditions of acid pH and ethanol. <i>FEMS Microbiology Letters</i> , 2004, 230, 53-61.	0.7	181
2	Antioxidant activity and polyphenol content of aqueous extracts from Colombian Amazonian plants with medicinal use. <i>Food Chemistry</i> , 2010, 119, 1566-1570.	4.2	135
3	tert-Butyl hydroperoxide-induced lipid signaling in hepatocytes: involvement of glutathione and free radicals 1 Abbreviations: [14C]-AA, [14C]-arachidonic acid; DCF, 2,2'-dichlorofluorescein; DCFDA, 2,2',7,7'-dichlorofluorescein diacetate; DTT, 1,4-dithiothreitol; MDA, malondialdehyde; PLA2, phospholipase A2; ROS, reactive oxygen species; TBARS, thiobarbituric acid reactive substances; and TBHP, tert-butyl hydroperoxide. <i>Biochemical Pharmacology</i> , 2001, 62, 705-712.	2.0	100
4	Fatty acid composition of fertilization-failed human oocytes. <i>Human Reproduction</i> , 1998, 13, 2227-2230.	0.4	72
5	Brain Docosahexaenoic Acid Status and Learning in Young Rats Submitted to Dietary Long-Chain Polyunsaturated Fatty Acid Deficiency and Supplementation Limited to Lactation. <i>Pediatric Research</i> , 2005, 57, 719-723.	1.1	45
6	Serum oxidizability and antioxidant status in patients undergoing in vitro fertilization. <i>Fertility and Sterility</i> , 2010, 94, 1279-1286.	0.5	43
7	Intake of long chain w3 polyunsaturated fatty acids during pregnancy and the influence of levels in the mother on newborn levels. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1999, 83, 179-184.	0.5	38
8	Superoxide Anions Are Involved in Doxorubicin-Induced ERK Activation in Hepatocyte Cultures. <i>Annals of the New York Academy of Sciences</i> , 2006, 1090, 419-428.	1.8	35
9	Atherosclerosis prevention by a fish oil-rich diet in apoE <sup>-/-</sup> mice is associated with a reduction of endothelial adhesion molecules. <i>Atherosclerosis</i> , 2008, 201, 306-317.	0.4	35
10	Structural-tridimensional study of yolk sac in pregnancies complicated by diabetes. <i>Journal of Perinatal Medicine</i> , 2004, 32, 132-6.	0.6	32
11	Lipid Oxidation Inhibitory Effects and Phenolic Composition of Aqueous Extracts from Medicinal Plants of Colombian Amazonia. <i>International Journal of Molecular Sciences</i> , 2012, 13, 5454-5467.	1.8	31
12	Ala16Val SOD2 polymorphism is associated with higher pregnancy rates in in vitro fertilization cycles. <i>Fertility and Sterility</i> , 2011, 95, 1601-1605.	0.5	30
13	Longitudinal study of fatty acids in plasma and erythrocyte phospholipids during pregnancy. <i>Journal of Perinatal Medicine</i> , 2001, 29, 293-7.	0.6	29
14	Glutathione peroxidase activity in seminal plasma and its relationship to classical sperm parameters and in vitro fertilization-intracytoplasmic sperm injection outcome. <i>Fertility and Sterility</i> , 2012, 97, 852-857.e1.	0.5	29
15	Detection of catechol-O-methyltransferase Val158Met polymorphism by a simple one-step tetra-primer amplification refractory mutation system-PCR. <i>Molecular and Cellular Probes</i> , 2007, 21, 202-207.	0.9	26
16	Dietary Threonine Reduces Plasma Phenylalanine Levels in Patients With Hyperphenylalaninemia. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2003, 36, 23-26.	0.9	24
17	Doxorubicin-Induced MAPK Activation in Hepatocyte Cultures Is Independent of Oxidant Damage. <i>Annals of the New York Academy of Sciences</i> , 2006, 1090, 408-418.	1.8	21
18	The Profile of Fatty Acids in Frontal Cortex of Rats Depends on the Type of Fat Used in the Diet and Correlates with Neuropeptidase Activities. <i>Hormone and Metabolic Research</i> , 2011, 43, 86-91.	0.7	21

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19	A comprehensive serum lipidome profiling of amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2020, 21, 252-262.	1.1	20
20	17 $\beta$ -Estradiol affects in vivo the low density lipoprotein composition, particle size, and oxidizability. <i>Free Radical Biology and Medicine</i> , 2001, 31, 391-397.	1.3	19
21	Lower follicular n-3 polyunsaturated fatty acid levels are associated with a better response to ovarian stimulation. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 473-482.	1.2	18
22	Oocytes of women who are obese or overweight have lower levels of n-3 polyunsaturated fatty acids compared with oocytes of women with normal weight. <i>Fertility and Sterility</i> , 2020, 113, 53-61.	0.5	18
23	Inborn errors of metabolism with a protein-restricted diet: Effect on polyunsaturated fatty acids. <i>Journal of Inherited Metabolic Disease</i> , 1997, 20, 783-789.	1.7	17
24	Diurnal variations of rat liver enzymes catalyzing cholesterol ester hydrolysis. <i>Lipids and Lipid Metabolism</i> , 1991, 1085, 106-111.	2.6	14
25	Influence of diet on atherogenic risk in children with renal transplants. <i>Pediatric Nephrology</i> , 2004, 19, 1039-45.	0.9	14
26	Doxorubicin induces ceramide and diacylglycerol accumulation in rat hepatocytes through independent routes. <i>Toxicology Letters</i> , 2009, 190, 86-90.	0.4	14
27	Pro-oxidant and antioxidant potential of catecholestrogens against ferrylmyoglobin-induced oxidative stress. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2002, 1583, 167-175.	1.2	13
28	Hyperhomocysteinemia in children with renal transplants. <i>Pediatric Nephrology</i> , 2002, 17, 718-723.	0.9	13
29	Polyunsaturated fatty acid deficiency during dietary treatment of very long-chain acyl-CoA dehydrogenase deficiency. Rescue with soybean oil. <i>Journal of Inherited Metabolic Disease</i> , 2001, 24, 493-503.	1.7	12
30	Fatty acid composition of skeletal muscle and adipose tissue in Spanish infants and children. <i>British Journal of Nutrition</i> , 2006, 95, 168-173.	1.2	12
31	Metabolic adaptations in spontaneously immortalized PGC-1 $\beta$ knock-out mouse embryonic fibroblasts increase their oncogenic potential. <i>Redox Biology</i> , 2020, 29, 101396.	3.9	12
32	Identification of a cytogenetic deletion and of four novel mutations (Q69X, I172F, G188V, G197R) affecting the gene for ornithine transcarbamylase (OTC) in Spanish patients with OTC deficiency. <i>Journal of Inherited Metabolic Disease</i> , 1999, 14, 352-353.		11
33	Dietary fatty acid composition affects aminopeptidase activities in the testes of mice. <i>Journal of Developmental and Physical Disabilities</i> , 2002, 25, 113-118.	3.6	11
34	Genetic and metabolic determinants of increased plasma plasminogen activator inhibitor-1 activity in children with renal transplants. <i>Pediatric Nephrology</i> , 2003, 18, 749-755.	0.9	11
35	Piper and Vismia Species from Colombian Amazonia Differentially Affect Cell Proliferation of Hepatocarcinoma Cells. <i>Nutrients</i> , 2015, 7, 179-195.	1.7	11
36	Paraoxonase activities in human follicular fluid: role in follicular maturation. <i>Reproductive BioMedicine Online</i> , 2017, 35, 351-362.	1.1	10

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37	EFFECTS OF DIETARY SUPPLEMENTATION WITH FISH OIL, LARD, OR COCONUT OIL ON OXYTOCINASE ACTIVITY IN THE TESTIS OF MICE. <i>Archives of Andrology</i> , 2002, 48, 233-236.	1.0	8
38	Influence of oxygen partial pressure on the characteristics of human hepatocarcinoma cells. <i>Redox Biology</i> , 2017, 12, 103-113.	3.9	8
39	Tissue antioxidant capacity and bacterial translocation under total parenteral nutrition. <i>Pediatric Surgery International</i> , 2001, 17, 280-283.	0.6	7
40	Increased tissue concentrations of arachidonic acid in umbilical artery and placenta in fetal growth retardation. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2001, 80, 807-812.	1.3	7
41	Long-Chain Polyunsaturated Fatty Acids in Rat Maternal Milk, Offspring Brain and Peripheral Tissues in Essential Fatty Acid Deficiency. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002, 40, 278-84.	1.4	7
42	Long-chain n-3 polyunsaturated fatty acid from fish oil modulates aortic nitric oxide and tocopherol status in the rat. <i>British Journal of Nutrition</i> , 2008, 100, 767-775.	1.2	7
43	No effect of menstrual cycle on LDL oxidizability and particle size. <i>Maturitas</i> , 2007, 57, 253-260.	1.0	6
44	Unraveling the in vitro antitumor activity of <i>Vismia baccifera</i> against HepG2: role of hydrogen peroxide. <i>Heliyon</i> , 2018, 4, e00675.	1.4	5
45	Ovarian stimulated cycles reduce protection of follicular fluid against free radicals. <i>Free Radical Biology and Medicine</i> , 2019, 145, 330-335.	1.3	5
46	Stimulation of microsomal cholesterol ester hydrolase by glucagon, cyclic AMP analogues, and vasopressin in isolated rat hepatocytes. <i>Lipids</i> , 1996, 31, 269-276.	0.7	4
47	Ferrylmyoglobin impairs secretion of VLDL triacylglycerols from stored intracellular pools: Involvement of lipid peroxidation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2007, 1771, 590-599.	1.2	4
48	Long chain n-3 polyunsaturated fatty acids and lipid pattern in the mother and the newborn infant. <i>Journal of Perinatal Medicine</i> , 1998, 26, 313-319.	0.6	3
49	Analysis of Protein Oxidative Modifications in Follicular Fluid from Fertile Women: Natural Versus Stimulated Cycles. <i>Antioxidants</i> , 2018, 7, 176.	2.2	3
50	Doxorubicin Increases Intracellular Diacylglycerol by the Mobilization of Choline-Enriched Phospholipids in Rat Hepatocytes. <i>Annals of the New York Academy of Sciences</i> , 2002, 973, 49-51.	1.8	2
51	Intracellular Diacylglycerol Accumulation Induced by Doxorubicin in Rat Hepatocytes. <i>Annals of the New York Academy of Sciences</i> , 2002, 973, 52-56.	1.8	1
52	Involvement of G-463A MPO gene polymorphism in the response of postmenopausal women to hormone therapy. <i>Menopause</i> , 2011, 18, 575-581.	0.8	1
53	Unusual stilbene glucosides from <i>Vitis vinifera</i> roots. <i>Oeno One</i> , 2019, 53, .	0.7	1
54	Sexual dimorphism in the fatty acyl composition of rat adrenal lipids. <i>Biochemical Society Transactions</i> , 1998, 26, S218-S218.	1.6	0

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55	Human follicular fluid lipid composition: a lipidomic approach. Chemistry and Physics of Lipids, 2010, 163, S36-S37.	1.5	0