MarÃ-a C GutiÃ©rrez-Ruiz

List of Publications by Year
in descending order

96 papers	2,632 citations	147726 31 h-index	233338 45 g-index
99 all docs	99 docs citations	99 times ranked	3679 citing authors

#	Article	IF	Citations
1	Effects of perfluorooctanoic acid in oxidative stress generation, <scp>DNA</scp> damage in cumulus cells, and its impact on in vitro maturation of porcine oocytes. Environmental Toxicology, 2022, , .	2.1	7
2	Hepatocyte growth factor reverses cholemic nephropathy associated with Î±-naphthylisothiocyanate-induced cholestasis in mice. Life Sciences, 2022, 295, 120423.	2.0	1
3	GDF11 restricts aberrant lipogenesis and changes in mitochondrial structure and function in human hepatocellular carcinoma cells. Journal of Cellular Physiology, 2021, 236, 4076-4090.	2.0	11
4	Negative Regulation of ULK1 by microRNA-106a in Autophagy Induced by a Triple Drug Combination in Colorectal Cancer Cells In Vitro. Genes, 2021, 12, 245.	1.0	15
5	The Consumption of Cholesterol-Enriched Diets Conditions the Development of a Subtype of HCC with High Aggressiveness and Poor Prognosis. Cancers, 2021, 13, 1721.	1.7	13
6	Entamoeba histolytica Trophozoites Interact with the c-Met Receptor at the Surface of Liver Origin Cells through the Gal/GalNAc Amoebic Lectin. Life, 2021, 11, 923.	1.1	2
7	Mechanism of cholangiocellular damage and repair during cholestasis. Annals of Hepatology, 2021, 26, 100530.	0.6	2
8	HGF/c-Met regulates p22phox subunit of the NADPH oxidase complex in primary mouse hepatocytes by transcriptional and post-translational mechanisms. Annals of Hepatology, 2021, 25, 100339.	0.6	0
9	Fructose Consumption and Hepatocellular Carcinoma Promotion. Livers, 2021, 1, 250-262.	0.8	2
10	Hepatocyte growth factor enhances the clearance of a multidrugâ€resistant Mycobacterium tuberculosis strain by high doses of conventional chemotherapy, preserving liver function. Journal of Cellular Physiology, 2020, 235, 1637-1648.	2.0	5
11	HGF induces protective effects in Î±-naphthylisothiocyanate-induced intrahepatic cholestasis by counteracting oxidative stress. Biochemical Pharmacology, 2020, 174, 113812.	2.0	13
12	GDF11 Implications in Cancer Biology and Metabolism. Facts and Controversies. Frontiers in Oncology, 2019, 9, 1039.	1.3	19
13	Impact of the gene-gene interactions related to the HIF-1Î± signaling pathway with the knee osteoarthritis development. Clinical Rheumatology, 2019, 38, 2897-2907.	1.0	7
14	GDF11 exhibits tumor suppressive properties in hepatocellular carcinoma cells by restricting clonal expansion and invasion. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1540-1554.	1.8	22
15	Cholangiocyte death in ductopenic cholestatic cholangiopathies: Mechanistic basis and emerging therapeutic strategies. Life Sciences, 2019, 218, 324-339.	2.0	14
16	Cholesterol burden in the liver induces mitochondrial dynamic changes and resistance to apoptosis. Journal of Cellular Physiology, 2019, 234, 7213-7223.	2.0	67
17	Cadmium exposure exacerbates hyperlipidemia in cholesterol-overloaded hepatocytes via autophagy dysregulation. Toxicology, 2018, 398-399, 41-51.	2.0	30
18	Recombinant human hepatocyte growth factor provides protective effects in cerulein€induced acute pancreatitis in mice. Journal of Cellular Physiology, 2018, 233, 9354-9364.	2.0	16

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19	Mineralization of high concentrations of the endocrine disruptor dibutyl phthalate by Fusarium culmorum. 3 Biotech, 2018, 8, 42.	1.1	18
20	A novel biodegradation pathway of the endocrine-disruptor di(2-ethyl hexyl) phthalate by Pleurotus ostreatus based on quantum chemical investigation. Ecotoxicology and Environmental Safety, 2018, 147, 494-499.	2.9	56
21	Acetaldehyde Effects on Cellular Redox State. , 2018, , 63-70.		1
22	Kinetics and pathway of biodegradation of dibutyl phthalate by Pleurotus ostreatus. Fungal Biology, 2018, 122, 991-997.	1.1	25
23	Oxidative stress as a damage mechanism in porcine cumulusâ€oocyte complexes exposed to malathion during in vitro maturation. Environmental Toxicology, 2017, 32, 1669-1678.	2.1	21
24	Hyperlipidemic microenvironment conditionates damage mechanisms in human chondrocytes by oxidative stress. Lipids in Health and Disease, 2017, 16, 114.	1.2	19
25	Role of HIF-1Î± signaling pathway in osteoarthritis: a systematic review. Revista Brasileira De Reumatologia, 2017, 57, 162-173.	0.7	26
26	Cholesterol overload in the liver aggravates oxidative stress-mediated DNA damage and accelerates hepatocarcinogenesis. Oncotarget, 2017, 8, 104136-104148.	0.8	33
27	Cholesterol Enhances the Toxic Effect of Ethanol and Acetaldehyde in Primary Mouse Hepatocytes. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-9.	1.9	18
28	Hepatocyte Growth Factor Reduces Free Cholesterol-Mediated Lipotoxicity in Primary Hepatocytes by Countering Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-8.	1.9	25
29	Liver Cholesterol Overload Aggravates Obstructive Cholestasis by Inducing Oxidative Stress and Premature Death in Mice. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-13.	1.9	26
30	Loss of c-Met signaling sensitizes hepatocytes to lipotoxicity and induces cholestatic liver damage by aggravating oxidative stress. Toxicology, 2016, 361-362, 39-48.	2.0	19
31	Degradation of di(2-ethyl hexyl) phthalate by Fusarium culmorum: Kinetics, enzymatic activities and biodegradation pathway based on quantum chemical modelingpathway based on quantum chemical modeling. Science of the Total Environment, 2016, 566-567, 1186-1193.	3.9	57
32	Atmospheric particulate matter (PM10) exposure-induced cell cycle arrest and apoptosis evasion through STAT3 activation via PKCÎ¶ and Src kinases in lung cells. Environmental Pollution, 2016, 214, 646-656.	3.7	39
33	Increase of drug use and genotype 3 in HCV-infected patients from Central West and Northeast Mexico. Annals of Hepatology, 2015, 14, 642-651.	0.6	17
34	Superficial modification of biopolymeric scaffolds for tridimensional hepatic cell model. International Journal of Medical Engineering and Informatics, 2015, 7, 110.	0.2	0
35	Acetylcholinesterase is associated with a decrease in cell proliferation of hepatocellular carcinoma cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1380-1387.	1.8	43
36	Animal model of acute gout reproduces the inflammatory and ultrasonographic joint changes of human gout. Arthritis Research and Therapy, 2015, 17, 37.	1.6	34

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37	Bik subcellular localization in response to oxidative stress induced by chemotherapy, in Two different breast cancer cell lines and a Nonâ€tumorigenic epithelial cell line. Journal of Applied Toxicology, 2015, 35, 1262-1270.	1.4	8
38	Free fatty acids enhance the oxidative damage induced by ethanol metabolism in an in vitro model. Food and Chemical Toxicology, 2015, 76, 109-115.	1.8	14
39	Oxidative stress modulation in hepatitis C virus infected cells. World Journal of Hepatology, 2015, 7, 2880.	0.8	45
40	Increase of drug use and genotype 3 in HCV-infected patients from Central West and Northeast Mexico. Annals of Hepatology, 2015, 14, 642-51.	0.6	7
41	Acetaldehyde targets superoxide dismutase 2 in liver cancer cells inducing transient enzyme impairment and a rapid transcriptional recovery. Food and Chemical Toxicology, 2014, 69, 102-108.	1.8	15
42	Hepatocytes display a compensatory survival response against cadmium toxicity by a mechanism mediated by EGFR and Src. Toxicology in Vitro, 2013, 27, 1031-1042.	1.1	20
43	Biphasic regulation of the NADPH oxidase by HGF/c-Met signaling pathway in primary mouse hepatocytes. Biochimie, 2013, 95, 1177-1184.	1.3	38
44	Hepatocyte Growth Factor Protects Against Isoniazid/Rifampicin-Induced Oxidative Liver Damage. Toxicological Sciences, 2013, 135, 26-36.	1.4	60
45	IL-10 and TNF-α polymorphisms in subjects with irritable bowel syndrome in Mexico. Revista Espanola De Enfermedades Digestivas, 2013, 105, 392-399.	0.1	23
46	Lower Serum IL-10 Is an Independent Predictor of IBS Among Volunteers in Mexico. American Journal of Gastroenterology, 2012, 107, 747-753.	0.2	48
47	Telomerase activity in response to mild oxidative stress. Cell Biology International, 2012, 36, 409-413.	1.4	15
48	Vigorous, but differential mononuclear cell response of cirrhotic patients to bacterial ligands. World Journal of Gastroenterology, 2011, 17, 1317.	1.4	4
49	Bcl-2 sustains hormetic response by inducing Nrf-2 nuclear translocation in L929 mouse fibroblasts. Free Radical Biology and Medicine, 2010, 49, 1192-1204.	1.3	22
50	Bclâ€2 overexpression in hepatic stellate cell line CFSCâ€2G, induces a proâ€fibrotic state. Journal of Gastroenterology and Hepatology (Australia), 2010, 25, 1306-1314.	1.4	5
51	PM10 impairs the antioxidant defense system and exacerbates oxidative stress driven cell death. Toxicology Letters, 2010, 193, 209-216.	0.4	62
52	Hepatocyte growth factor protects hepatocytes against oxidative injury induced by ethanol metabolism. Free Radical Biology and Medicine, 2009, 47, 424-430.	1.3	46
53	Acetaldehyde-induced mitochondrial dysfunction sensitizes hepatocytes to oxidative damage. Cell Biology and Toxicology, 2009, 25, 599-609.	2.4	71
54	DNA damage response of A549 cells treated with particulate matter (PM 10) of urban air pollutants. Cancer Letters, 2009, 278, 192-200.	3.2	80

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55	NADPH oxidase and ERK1/2 are involved in cadmium induced-STAT3 activation in HepG2 cells. Toxicology Letters, 2009, 187, 180-186.	0.4	52
56	MAPK activation is involved in Cadmium-induced Hsp70 expression in HepG2 cells. Toxicology Mechanisms and Methods, 2009, 19, 503-509.	1.3	23
57	Effective use of FibroTest to generate decision trees in hepatitis C. World Journal of Gastroenterology, 2009, 15, 2617.	1.4	3
58	Modifcation of sleep architecture in an animal model ofexperimental cirrhosis. World Journal of Gastroenterology, 2009, 15, 5176.	1.4	10
59	Pentoxifylline downregulates Î± (I) collagen expression by the inhibition of Ilºbî± degradation in liver stellate cells. Cell Biology and Toxicology, 2008, 24, 303-314.	2.4	18
60	Liver fibrosis: searching for cell model answers. Liver International, 2007, 27, 434-439.	1.9	35
61	Physiological deterioration associated with breeding in female mice: A model for the study of senescence and aging. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 146, 695-701.	0.8	6
62	Liver Fibrosis and Chronic Viral Hepatitis. Archives of Medical Research, 2007, 38, 644-651.	1.5	39
63	Effect of Pentoxifylline on Levels of Pro-inflammatory Cytokines During Chronic Hepatitis C. Scandinavian Journal of Immunology, 2006, 63, 461-467.	1.3	28
64	Organ- and Tissue-specific Alterations in the Anti-apoptotic Protein Bcl-2 in CD1 Female Mice of Different Ages. Biogerontology, 2006, 7, 63-67.	2.0	9
65	Bcl-2 protects against oxidative stress while inducing premature senescence. Free Radical Biology and Medicine, 2006, 40, 1161-1169.	1.3	36
66	Frequency of Functional Bowel Disorders among Healthy Volunteers in Mexico City. Digestive Diseases, 2006, 24, 342-347.	0.8	63
67	Differential modulation of interleukin 8 by interleukin 4 and interleukin 10 in HepG2 cells treated with acetaldehyde. Liver International, 2005, 25, 122-130.	1.9	12
68	EFFECT OF CALCIUM CHLORIDE MARINATION AND COLLAGEN CONTENT ON BEEF, HORSE, RABBIT AND HEN MEAT HARDNESS. Journal of Muscle Foods, 2005, 16, 141-154.	0.5	7
69	Effect of Calcium Chloride Marination on Electrophoretical and Structural Characteristics of Beef, Horse, Rabbit and Chicken Meat. International Journal of Food Properties, 2005, 8, 207-219.	1.3	3
70	Differential effect of interleukin-10 on hepatocyte apoptosis. Life Sciences, 2005, 76, 2569-2579.	2.0	13
71	Susceptibility of DNA to oxidative stressors in young and aging mice. Life Sciences, 2005, 77, 2840-2854.	2.0	40
72	Therapeutic Vaccination with MVA E2 Can Eliminate Precancerous Lesions (CIN 1, CIN 2, and CIN 3) Associated with Infection by Oncogenic Human Papillomavirus. Human Gene Therapy, 2004, 15, 421-431.	1.4	132

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73	Zinc pretreatment prevents hepatic stellate cells from cadmium-produced oxidative damage. Cell Biology and Toxicology, 2004, 20, 241-251.	2.4	29
74	Acute cadmium exposure enhances AP-1 DNA binding and induces cytokines expression and heat shock protein 70 in HepG2 cells. Toxicology, 2004, 197, 213-228.	2.0	80
75	Senescent phenotype achieved in vitro is indistinguishable, with the exception of Bcl-2 content, from that attained during the in vivo aging process. Cell Biology International, 2004, 28, 641-651.	1.4	9
76	Health-Related Quality of Life and Depression in Patients with Chronic Hepatitis C. Archives of Medical Research, 2003, 34, 124-129.	1.5	78
77	Interleukin 8 response and oxidative stress in HepG2 cells treated with ethanol, acetaldehyde or lipopolysaccharide. Hepatology Research, 2003, 26, 134-141.	1.8	27
78	A Phase II Study: Efficacy of the Gene Therapy of the MVA E2 Recombinant Virus in the Treatment of Precancerous Lesions (NIC I and NIC II) Associated with Infection of Oncogenic Human Papillomavirus. Human Gene Therapy, 2002, 13, 1127-1140.	1.4	21
79	PENTOXIFYLLINE DIMINISHED ACETALDEHYDE-INDUCED COLLAGEN PRODUCTION IN HEPATIC STELLATE CELLS BY DECREASING INTERLEUKIN-6 EXPRESSION. Pharmacological Research, 2002, 46, 435-443.	3.1	26
80	School-based hepatitis B immunization program in adolescents. Journal of Adolescent Health, 2002, 30, 228.	1.2	0
81	Cadmium induces Î±1collagen (I) and metallothionein II gene and alters the antioxidant system in rat hepatic stellate cells. Toxicology, 2002, 170, 63-73.	2.0	29
82	Metadoxine prevents damage produced by ethanol and acetaldehyde in hepatocyte and hepatic stellate cells in culture. Pharmacological Research, 2001, 44, 431-436.	3.1	42
83	Effect of endotoxin pretreatment on hepatic stellate cell response to ethanol and acetaldehyde. Journal of Gastroenterology and Hepatology (Australia), 2001, 16, 1267-1273.	1.4	29
84	Uncoupling effect of mercuric chloride on mitochondria isolated from an hepatic cell line. Journal of Applied Toxicology, 2001, 21, 323-329.	1.4	40
85	Relationship between Toxicokinetics of Carbaryl and Effect on Acetylcholinesterase Activity in Pomacea patula Snail. Ecotoxicology and Environmental Safety, 2000, 46, 234-239.	2.9	18
86	Cytokines, growth factors, and oxidative stress in HepG2 cells treated with ethanol, acetaldehyde, and LPS. Toxicology, 1999, 134, 197-207.	2.0	51
87	DNA damage produced by cadmium in a human fetal hepatic cell line. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 439, 301-306.	0.9	20
88	Uptake, cellular distribution and DNA damage produced by mercuric chloride in a human fetal hepatic cell line. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1999, 423, 65-72.	0.4	40
89	Effect of acute lead treatment on coproporphyrinogen oxidase activity in HepG2 cells. Toxicology, 1998, 126, 163-171.	2.0	4
90	Cadmium uptake by a human hepatic cell line (WRL-68 cells). Toxicology, 1997, 120, 215-220.	2.0	85

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91	Comparative study of the damage produced by acute ethanol and acetaldehyde treatment in a human fetal hepatic cell line. Toxicology, 1997, 120, 133-144.	2.0	20
92	Effect of cadmium on calcium transport in a human fetal hepatic cell line (WRL-68 cells). Toxicology, 1996, 112, 97-104.	2.0	22
93	Chronic and acute ethanol treatment modifies fluidity and composition in plasma membranes of a human hepaic cell line (WRL-68). Cell Biology and Toxicology, 1995, 11, 69-78.	2.4	15
94	Cadmium and mercury toxicity in a human fetal hepatic cell line (WRL-68 cells). Toxicology, 1995, 102, 285-299.	2.0	54
95	The effect of chronic and acute ethanol treatment on morphology, lipid peroxidation, enzyme activities and Na+ transport systems on WRL-68 cells. Human and Experimental Toxicology, 1995, 14, 324-334.	1.1	3
96	Expression of some hepatocyte-like functional properties of WRL-68 cells in culture. In Vitro Cellular and Developmental Biology - Animal, 1994, 30, 366-371.	0.7	33