

MarÃ-a C GutiÃ©rrez-Ruiz

List of Publications by Year in descending order

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96
papers

2,632
citations

147726

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233338

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docs citations

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times ranked

3679
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#	ARTICLE	IF	CITATIONS
1	Therapeutic Vaccination with MVA E2 Can Eliminate Precancerous Lesions (CIN 1, CIN 2, and CIN 3) Associated with Infection by Oncogenic Human Papillomavirus. <i>Human Gene Therapy</i> , 2004, 15, 421-431.	1.4	132
2	Cadmium uptake by a human hepatic cell line (WRL-68 cells). <i>Toxicology</i> , 1997, 120, 215-220.	2.0	85
3	Acute cadmium exposure enhances AP-1 DNA binding and induces cytokines expression and heat shock protein 70 in HepG2 cells. <i>Toxicology</i> , 2004, 197, 213-228.	2.0	80
4	DNA damage response of A549 cells treated with particulate matter (PM 10) of urban air pollutants. <i>Cancer Letters</i> , 2009, 278, 192-200.	3.2	80
5	Health-Related Quality of Life and Depression in Patients with Chronic Hepatitis C. <i>Archives of Medical Research</i> , 2003, 34, 124-129.	1.5	78
6	Acetaldehyde-induced mitochondrial dysfunction sensitizes hepatocytes to oxidative damage. <i>Cell Biology and Toxicology</i> , 2009, 25, 599-609.	2.4	71
7	Cholesterol burden in the liver induces mitochondrial dynamic changes and resistance to apoptosis. <i>Journal of Cellular Physiology</i> , 2019, 234, 7213-7223.	2.0	67
8	Frequency of Functional Bowel Disorders among Healthy Volunteers in Mexico City. <i>Digestive Diseases</i> , 2006, 24, 342-347.	0.8	63
9	PM10 impairs the antioxidant defense system and exacerbates oxidative stress driven cell death. <i>Toxicology Letters</i> , 2010, 193, 209-216.	0.4	62
10	Hepatocyte Growth Factor Protects Against Isoniazid/Rifampicin-Induced Oxidative Liver Damage. <i>Toxicological Sciences</i> , 2013, 135, 26-36.	1.4	60
11	Degradation of di(2-ethyl hexyl) phthalate by <i>Fusarium culmorum</i> : Kinetics, enzymatic activities and biodegradation pathway based on quantum chemical modelingpathway based on quantum chemical modeling. <i>Science of the Total Environment</i> , 2016, 566-567, 1186-1193.	3.9	57
12	A novel biodegradation pathway of the endocrine-disruptor di(2-ethyl hexyl) phthalate by <i>Pleurotus ostreatus</i> based on quantum chemical investigation. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 494-499.	2.9	56
13	Cadmium and mercury toxicity in a human fetal hepatic cell line (WRL-68 cells). <i>Toxicology</i> , 1995, 102, 285-299.	2.0	54
14	NADPH oxidase and ERK1/2 are involved in cadmium induced-STAT3 activation in HepG2 cells. <i>Toxicology Letters</i> , 2009, 187, 180-186.	0.4	52
15	Cytokines, growth factors, and oxidative stress in HepG2 cells treated with ethanol, acetaldehyde, and LPS. <i>Toxicology</i> , 1999, 134, 197-207.	2.0	51
16	Lower Serum IL-10 Is an Independent Predictor of IBS Among Volunteers in Mexico. <i>American Journal of Gastroenterology</i> , 2012, 107, 747-753.	0.2	48
17	Hepatocyte growth factor protects hepatocytes against oxidative injury induced by ethanol metabolism. <i>Free Radical Biology and Medicine</i> , 2009, 47, 424-430.	1.3	46
18	Oxidative stress modulation in hepatitis C virus infected cells. <i>World Journal of Hepatology</i> , 2015, 7, 2880.	0.8	45

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19	Acetylcholinesterase is associated with a decrease in cell proliferation of hepatocellular carcinoma cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1380-1387.	1.8	43
20	Metadoxine prevents damage produced by ethanol and acetaldehyde in hepatocyte and hepatic stellate cells in culture. <i>Pharmacological Research</i> , 2001, 44, 431-436.	3.1	42
21	Uptake, cellular distribution and DNA damage produced by mercuric chloride in a human fetal hepatic cell line. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999, 423, 65-72.	0.4	40
22	Uncoupling effect of mercuric chloride on mitochondria isolated from an hepatic cell line. <i>Journal of Applied Toxicology</i> , 2001, 21, 323-329.	1.4	40
23	Susceptibility of DNA to oxidative stressors in young and aging mice. <i>Life Sciences</i> , 2005, 77, 2840-2854.	2.0	40
24	Liver Fibrosis and Chronic Viral Hepatitis. <i>Archives of Medical Research</i> , 2007, 38, 644-651.	1.5	39
25	Atmospheric particulate matter (PM10) exposure-induced cell cycle arrest and apoptosis evasion through STAT3 activation via PKC α and Src kinases in lung cells. <i>Environmental Pollution</i> , 2016, 214, 646-656.	3.7	39
26	Biphasic regulation of the NADPH oxidase by HGF/c-Met signaling pathway in primary mouse hepatocytes. <i>Biochimie</i> , 2013, 95, 1177-1184.	1.3	38
27	Bcl-2 protects against oxidative stress while inducing premature senescence. <i>Free Radical Biology and Medicine</i> , 2006, 40, 1161-1169.	1.3	36
28	Liver fibrosis: searching for cell model answers. <i>Liver International</i> , 2007, 27, 434-439.	1.9	35
29	Animal model of acute gout reproduces the inflammatory and ultrasonographic joint changes of human gout. <i>Arthritis Research and Therapy</i> , 2015, 17, 37.	1.6	34
30	Expression of some hepatocyte-like functional properties of WRL-68 cells in culture. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1994, 30, 366-371.	0.7	33
31	Cholesterol overload in the liver aggravates oxidative stress-mediated DNA damage and accelerates hepatocarcinogenesis. <i>Oncotarget</i> , 2017, 8, 104136-104148.	0.8	33
32	Cadmium exposure exacerbates hyperlipidemia in cholesterol-overloaded hepatocytes via autophagy dysregulation. <i>Toxicology</i> , 2018, 398-399, 41-51.	2.0	30
33	Effect of endotoxin pretreatment on hepatic stellate cell response to ethanol and acetaldehyde. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2001, 16, 1267-1273.	1.4	29
34	Cadmium induces α 1collagen (I) and metallothionein II gene and alters the antioxidant system in rat hepatic stellate cells. <i>Toxicology</i> , 2002, 170, 63-73.	2.0	29
35	Zinc pretreatment prevents hepatic stellate cells from cadmium-produced oxidative damage. <i>Cell Biology and Toxicology</i> , 2004, 20, 241-251.	2.4	29
36	Effect of Pentoxifylline on Levels of Pro-inflammatory Cytokines During Chronic Hepatitis C. <i>Scandinavian Journal of Immunology</i> , 2006, 63, 461-467.	1.3	28

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37	Interleukin 8 response and oxidative stress in HepG2 cells treated with ethanol, acetaldehyde or lipopolysaccharide. <i>Hepatology Research</i> , 2003, 26, 134-141.	1.8	27
38	PENTOXIFYLLINE DIMINISHED ACETALDEHYDE-INDUCED COLLAGEN PRODUCTION IN HEPATIC STELLATE CELLS BY DECREASING INTERLEUKIN-6 EXPRESSION. <i>Pharmacological Research</i> , 2002, 46, 435-443.	3.1	26
39	Liver Cholesterol Overload Aggravates Obstructive Cholestasis by Inducing Oxidative Stress and Premature Death in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-13.	1.9	26
40	Role of HIF-1 α signaling pathway in osteoarthritis: a systematic review. <i>Revista Brasileira De Reumatologia</i> , 2017, 57, 162-173.	0.7	26
41	Hepatocyte Growth Factor Reduces Free Cholesterol-Mediated Lipotoxicity in Primary Hepatocytes by Countering Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-8.	1.9	25
42	Kinetics and pathway of biodegradation of dibutyl phthalate by <i>Pleurotus ostreatus</i> . <i>Fungal Biology</i> , 2018, 122, 991-997.	1.1	25
43	MAPK activation is involved in Cadmium-induced Hsp70 expression in HepG2 cells. <i>Toxicology Mechanisms and Methods</i> , 2009, 19, 503-509.	1.3	23
44	IL-10 and TNF- α ; polymorphisms in subjects with irritable bowel syndrome in Mexico. <i>Revista Espanola De Enfermedades Digestivas</i> , 2013, 105, 392-399.	0.1	23
45	Effect of cadmium on calcium transport in a human fetal hepatic cell line (WRL-68 cells). <i>Toxicology</i> , 1996, 112, 97-104.	2.0	22
46	Bcl-2 sustains hormetic response by inducing Nrf-2 nuclear translocation in L929 mouse fibroblasts. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1192-1204.	1.3	22
47	GDF11 exhibits tumor suppressive properties in hepatocellular carcinoma cells by restricting clonal expansion and invasion. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1540-1554.	1.8	22
48	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. <i>Human Gene Therapy</i> , 2002, 13, 1127-1140.	1.4	21
49	Oxidative stress as a damage mechanism in porcine cumulus oocyte complexes exposed to malathion during in vitro maturation. <i>Environmental Toxicology</i> , 2017, 32, 1669-1678.	2.1	21
50	Comparative study of the damage produced by acute ethanol and acetaldehyde treatment in a human fetal hepatic cell line. <i>Toxicology</i> , 1997, 120, 133-144.	2.0	20
51	DNA damage produced by cadmium in a human fetal hepatic cell line. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1999, 439, 301-306.	0.9	20
52	Hepatocytes display a compensatory survival response against cadmium toxicity by a mechanism mediated by EGFR and Src. <i>Toxicology in Vitro</i> , 2013, 27, 1031-1042.	1.1	20
53	Loss of c-Met signaling sensitizes hepatocytes to lipotoxicity and induces cholestatic liver damage by aggravating oxidative stress. <i>Toxicology</i> , 2016, 361-362, 39-48.	2.0	19
54	Hyperlipidemic microenvironment conditionates damage mechanisms in human chondrocytes by oxidative stress. <i>Lipids in Health and Disease</i> , 2017, 16, 114.	1.2	19

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55	GDF11 Implications in Cancer Biology and Metabolism. Facts and Controversies. <i>Frontiers in Oncology</i> , 2019, 9, 1039.	1.3	19
56	Relationship between Toxicokinetics of Carbaryl and Effect on Acetylcholinesterase Activity in <i>Pomacea patula</i> Snail. <i>Ecotoxicology and Environmental Safety</i> , 2000, 46, 234-239.	2.9	18
57	Pentoxifylline downregulates $\alpha_1(I)$ collagen expression by the inhibition of $\alpha_1(I)$ degradation in liver stellate cells. <i>Cell Biology and Toxicology</i> , 2008, 24, 303-314.	2.4	18
58	Cholesterol Enhances the Toxic Effect of Ethanol and Acetaldehyde in Primary Mouse Hepatocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	1.9	18
59	Mineralization of high concentrations of the endocrine disruptor dibutyl phthalate by <i>Fusarium culmorum</i> . <i>3 Biotech</i> , 2018, 8, 42.	1.1	18
60	Increase of drug use and genotype 3 in HCV-infected patients from Central West and Northeast Mexico. <i>Annals of Hepatology</i> , 2015, 14, 642-651.	0.6	17
61	Recombinant human hepatocyte growth factor provides protective effects in cerulein-induced acute pancreatitis in mice. <i>Journal of Cellular Physiology</i> , 2018, 233, 9354-9364.	2.0	16
62	Chronic and acute ethanol treatment modifies fluidity and composition in plasma membranes of a human hepatic cell line (WRL-68). <i>Cell Biology and Toxicology</i> , 1995, 11, 69-78.	2.4	15
63	Telomerase activity in response to mild oxidative stress. <i>Cell Biology International</i> , 2012, 36, 409-413.	1.4	15
64	Acetaldehyde targets superoxide dismutase 2 in liver cancer cells inducing transient enzyme impairment and a rapid transcriptional recovery. <i>Food and Chemical Toxicology</i> , 2014, 69, 102-108.	1.8	15
65	Negative Regulation of ULK1 by microRNA-106a in Autophagy Induced by a Triple Drug Combination in Colorectal Cancer Cells In Vitro. <i>Genes</i> , 2021, 12, 245.	1.0	15
66	Free fatty acids enhance the oxidative damage induced by ethanol metabolism in an in vitro model. <i>Food and Chemical Toxicology</i> , 2015, 76, 109-115.	1.8	14
67	Cholangiocyte death in ductopenic cholestatic cholangiopathies: Mechanistic basis and emerging therapeutic strategies. <i>Life Sciences</i> , 2019, 218, 324-339.	2.0	14
68	Differential effect of interleukin-10 on hepatocyte apoptosis. <i>Life Sciences</i> , 2005, 76, 2569-2579.	2.0	13
69	HGF induces protective effects in α -naphthylisothiocyanate-induced intrahepatic cholestasis by counteracting oxidative stress. <i>Biochemical Pharmacology</i> , 2020, 174, 113812.	2.0	13
70	The Consumption of Cholesterol-Enriched Diets Conditions the Development of a Subtype of HCC with High Aggressiveness and Poor Prognosis. <i>Cancers</i> , 2021, 13, 1721.	1.7	13
71	Differential modulation of interleukin 8 by interleukin 4 and interleukin 10 in HepG2 cells treated with acetaldehyde. <i>Liver International</i> , 2005, 25, 122-130.	1.9	12
72	GDF11 restricts aberrant lipogenesis and changes in mitochondrial structure and function in human hepatocellular carcinoma cells. <i>Journal of Cellular Physiology</i> , 2021, 236, 4076-4090.	2.0	11

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73	Modification of sleep architecture in an animal model of experimental cirrhosis. <i>World Journal of Gastroenterology</i> , 2009, 15, 5176.	1.4	10
74	Senescent phenotype achieved in vitro is indistinguishable, with the exception of Bcl-2 content, from that attained during the in vivo aging process. <i>Cell Biology International</i> , 2004, 28, 641-651.	1.4	9
75	Organ- and Tissue-specific Alterations in the Anti-apoptotic Protein Bcl-2 in CD1 Female Mice of Different Ages. <i>Biogerontology</i> , 2006, 7, 63-67.	2.0	9
76	Bik subcellular localization in response to oxidative stress induced by chemotherapy, in Two different breast cancer cell lines and a Non-tumorigenic epithelial cell line. <i>Journal of Applied Toxicology</i> , 2015, 35, 1262-1270.	1.4	8
77	EFFECT OF CALCIUM CHLORIDE MARINATION AND COLLAGEN CONTENT ON BEEF, HORSE, RABBIT AND HEN MEAT HARDNESS. <i>Journal of Muscle Foods</i> , 2005, 16, 141-154.	0.5	7
78	Impact of the gene-gene interactions related to the HIF-1 α signaling pathway with the knee osteoarthritis development. <i>Clinical Rheumatology</i> , 2019, 38, 2897-2907.	1.0	7
79	Increase of drug use and genotype 3 in HCV-infected patients from Central West and Northeast Mexico. <i>Annals of Hepatology</i> , 2015, 14, 642-51.	0.6	7
80	Effects of perfluorooctanoic acid in oxidative stress generation, <sc>DNA</sc> damage in cumulus cells, and its impact on in vitro maturation of porcine oocytes. <i>Environmental Toxicology</i> , 2022, , .	2.1	7
81	Physiological deterioration associated with breeding in female mice: A model for the study of senescence and aging. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 146, 695-701.	0.8	6
82	Bcl-2 overexpression in hepatic stellate cell line CFSC-2G, induces a pro-fibrotic state. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2010, 25, 1306-1314.	1.4	5
83	Hepatocyte growth factor enhances the clearance of a multidrug-resistant <i>Mycobacterium tuberculosis</i> strain by high doses of conventional chemotherapy, preserving liver function. <i>Journal of Cellular Physiology</i> , 2020, 235, 1637-1648.	2.0	5
84	Effect of acute lead treatment on coproporphyrinogen oxidase activity in HepG2 cells. <i>Toxicology</i> , 1998, 126, 163-171.	2.0	4
85	Vigorous, but differential mononuclear cell response of cirrhotic patients to bacterial ligands. <i>World Journal of Gastroenterology</i> , 2011, 17, 1317.	1.4	4
86	The effect of chronic and acute ethanol treatment on morphology, lipid peroxidation, enzyme activities and Na ⁺ transport systems on WRL-68 cells. <i>Human and Experimental Toxicology</i> , 1995, 14, 324-334.	1.1	3
87	Effect of Calcium Chloride Marination on Electrophoretical and Structural Characteristics of Beef, Horse, Rabbit and Chicken Meat. <i>International Journal of Food Properties</i> , 2005, 8, 207-219.	1.3	3
88	Effective use of FibroTest to generate decision trees in hepatitis C. <i>World Journal of Gastroenterology</i> , 2009, 15, 2617.	1.4	3
89	Entamoeba histolytica Trophozoites Interact with the c-Met Receptor at the Surface of Liver Origin Cells through the Gal/GalNAc Amoebic Lectin. <i>Life</i> , 2021, 11, 923.	1.1	2
90	Mechanism of cholangiocellular damage and repair during cholestasis. <i>Annals of Hepatology</i> , 2021, 26, 100530.	0.6	2

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91	Fructose Consumption and Hepatocellular Carcinoma Promotion. <i>Livers</i> , 2021, 1, 250-262.	0.8	2
92	Acetaldehyde Effects on Cellular Redox State. , 2018, , 63-70.		1
93	Hepatocyte growth factor reverses cholemic nephropathy associated with Î±-naphthylisothiocyanate-induced cholestasis in mice. <i>Life Sciences</i> , 2022, 295, 120423.	2.0	1
94	School-based hepatitis B immunization program in adolescents. <i>Journal of Adolescent Health</i> , 2002, 30, 228.	1.2	0
95	Superficial modification of biopolymeric scaffolds for tridimensional hepatic cell model. <i>International Journal of Medical Engineering and Informatics</i> , 2015, 7, 110.	0.2	0
96	HGF/c-Met regulates p22phox subunit of the NADPH oxidase complex in primary mouse hepatocytes by transcriptional and post-translational mechanisms. <i>Annals of Hepatology</i> , 2021, 25, 100339.	0.6	0