

Mara C Gutierrez-Ruiz

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93
papers

2,075
citations

28
h-index

39
g-index

99
ext. papers

2,364
ext. citations

5
avg, IF

4.26
L-index

#	Paper	IF	Citations
93	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, 421-31	4.8	104
92	Cadmium uptake by a human hepatic cell line (WRL-68 cells). <i>Toxicology</i> , 1997 , 120, 215-20	4.4	75
91	DNA damage response of A549 cells treated with particulate matter (PM10) of urban air pollutants. <i>Cancer Letters</i> , 2009 , 278, 192-200	9.9	70
90	Health-related quality of life and depression in patients with chronic hepatitis C. <i>Archives of Medical Research</i> , 2003 , 34, 124-9	6.6	70
89	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, 213-28	4.4	69
88	Acetaldehyde-induced mitochondrial dysfunction sensitizes hepatocytes to oxidative damage. <i>Cell Biology and Toxicology</i> , 2009 , 25, 599-609	7.4	56
87	Frequency of functional bowel disorders among healthy volunteers in Mexico City. <i>Digestive Diseases</i> , 2006 , 24, 342-7	3.2	56
86	Hepatocyte growth factor protects against isoniazid/rifampicin-induced oxidative liver damage. <i>Toxicological Sciences</i> , 2013 , 135, 26-36	4.4	53
85	PM(10) impairs the antioxidant defense system and exacerbates oxidative stress driven cell death. <i>Toxicology Letters</i> , 2010 , 193, 209-16	4.4	51
84	Cadmium and mercury toxicity in a human fetal hepatic cell line (WRL-68 cells). <i>Toxicology</i> , 1995 , 102, 285-99	4.4	51
83	NADPH oxidase and ERK1/2 are involved in cadmium induced-STAT3 activation in HepG2 cells. <i>Toxicology Letters</i> , 2009 , 187, 180-6	4.4	44
82	Cytokines, growth factors, and oxidative stress in HepG2 cells treated with ethanol, acetaldehyde, and LPS. <i>Toxicology</i> , 1999 , 134, 197-207	4.4	44
81	Degradation of di(2-ethyl hexyl) phthalate by <i>Fusarium culmorum</i> : Kinetics, enzymatic activities and biodegradation pathway based on quantum chemical modeling. <i>Science of the Total Environment</i> , 2016 , 566-567, 1186-1193	10.2	41
80	Hepatocyte growth factor protects hepatocytes against oxidative injury induced by ethanol metabolism. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 424-30	7.8	40
79	Metadoxine prevents damage produced by ethanol and acetaldehyde in hepatocyte and hepatic stellate cells in culture. <i>Pharmacological Research</i> , 2001 , 44, 431-6	10.2	40
78	Liver fibrosis and chronic viral hepatitis. <i>Archives of Medical Research</i> , 2007 , 38, 644-51	6.6	36
77	Susceptibility of DNA to oxidative stressors in young and aging mice. <i>Life Sciences</i> , 2005 , 77, 2840-54	6.8	36

76	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	7	34
75	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	3.3	34
74	Lower serum IL-10 is an independent predictor of IBS among volunteers in Mexico. <i>American Journal of Gastroenterology</i> , 2012 , 107, 747-53	0.7	32
73	Cholesterol burden in the liver induces mitochondrial dynamic changes and resistance to apoptosis. <i>Journal of Cellular Physiology</i> , 2019 , 234, 7213-7223	7	32
72	Bcl-2 protects against oxidative stress while inducing premature senescence. <i>Free Radical Biology and Medicine</i> , 2006 , 40, 1161-9	7.8	31
71	Uncoupling effect of mercuric chloride on mitochondria isolated from an hepatic cell line. <i>Journal of Applied Toxicology</i> , 2001 , 21, 323-9	4.1	31
70	Oxidative stress modulation in hepatitis C virus infected cells. <i>World Journal of Hepatology</i> , 2015 , 7, 2880-9	5.9	31
69	Biphasic regulation of the NADPH oxidase by HGF/c-Met signaling pathway in primary mouse hepatocytes. <i>Biochimie</i> , 2013 , 95, 1177-84	4.6	30
68	Liver fibrosis: searching for cell model answers. <i>Liver International</i> , 2007 , 27, 434-9	7.9	30
67	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, 1380-7	6.9	29
66	Atmospheric particulate matter (PM10) exposure-induced cell cycle arrest and apoptosis evasion through STAT3 activation via PKC δ and Src kinases in lung cells. <i>Environmental Pollution</i> , 2016 , 214, 646-656	8.3	29
65	Animal model of acute gout reproduces the inflammatory and ultrasonographic joint changes of human gout. <i>Arthritis Research and Therapy</i> , 2015 , 17, 37	5.7	26
64	Cholesterol overload in the liver aggravates oxidative stress-mediated DNA damage and accelerates hepatocarcinogenesis. <i>Oncotarget</i> , 2017 , 8, 104136-104148	3.3	26
63	Effect of pentoxifylline on levels of pro-inflammatory cytokines during chronic hepatitis C. <i>Scandinavian Journal of Immunology</i> , 2006 , 63, 461-7	3.4	26
62	Interleukin 8 response and oxidative stress in HepG2 cells treated with ethanol, acetaldehyde or lipopolysaccharide. <i>Hepatology Research</i> , 2003 , 26, 134-141	5.1	26
61	Expression of some hepatocyte-like functional properties of WRL-68 cells in culture. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1994 , 30A, 366-71	2.6	26
60	Zinc pretreatment prevents hepatic stellate cells from cadmium-produced oxidative damage. <i>Cell Biology and Toxicology</i> , 2004 , 20, 241-51	7.4	25
59	Effect of endotoxin pretreatment on hepatic stellate cell response to ethanol and acetaldehyde. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2001 , 16, 1267-73	4	25

58	Pentoxifylline diminished acetaldehyde-induced collagen production in hepatic stellate cells by decreasing interleukin-6 expression. <i>Pharmacological Research</i> , 2002 , 46, 435-43	10.2	25
57	Cadmium induces alpha(1)collagen (I) and metallothionein II gene and alters the antioxidant system in rat hepatic stellate cells. <i>Toxicology</i> , 2002 , 170, 63-73	4.4	24
56	Bcl-2 sustains hormetic response by inducing Nrf-2 nuclear translocation in L929 mouse fibroblasts. <i>Free Radical Biology and Medicine</i> , 2010 , 49, 1192-204	7.8	22
55	Effect of cadmium on calcium transport in a human fetal hepatic cell line (WRL-68 cells). <i>Toxicology</i> , 1996 , 112, 97-104	4.4	22
54	DNA damage produced by cadmium in a human fetal hepatic cell line. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1999 , 439, 301-6	3	20
53	Liver Cholesterol Overload Aggravates Obstructive Cholestasis by Inducing Oxidative Stress and Premature Death in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 9895176	6.7	20
52	Comparative study of the damage produced by acute ethanol and acetaldehyde treatment in a human fetal hepatic cell line. <i>Toxicology</i> , 1997 , 120, 133-44	4.4	19
51	Clinical protocol. 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, 1127-40	4.8	19
50	MAPK activation is involved in cadmium-induced Hsp70 expression in HepG2 cells. <i>Toxicology Mechanisms and Methods</i> , 2009 , 19, 503-9	3.6	18
49	Cadmium exposure exacerbates hyperlipidemia in cholesterol-overloaded hepatocytes via autophagy dysregulation. <i>Toxicology</i> , 2018 , 398-399, 41-51	4.4	17
48	Hepatocyte Growth Factor Reduces Free Cholesterol-Mediated Lipotoxicity in Primary Hepatocytes by Countering Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 7960386	6.7	17
47	Hepatocytes display a compensatory survival response against cadmium toxicity by a mechanism mediated by EGFR and Src. <i>Toxicology in Vitro</i> , 2013 , 27, 1031-42	3.6	16
46	IL-10 and TNF-alpha polymorphisms in subjects with irritable bowel syndrome in Mexico. <i>Revista Espanola De Enfermedades Digestivas</i> , 2013 , 105, 392-9	0.9	16
45	Pentoxifylline downregulates alpha (I) collagen expression by the inhibition of Ikappabalpha degradation in liver stellate cells. <i>Cell Biology and Toxicology</i> , 2008 , 24, 303-14	7.4	16
44	Kinetics and pathway of biodegradation of dibutyl phthalate by <i>Pleurotus ostreatus</i> . <i>Fungal Biology</i> , 2018 , 122, 991-997	2.8	15
43	Cholesterol Enhances the Toxic Effect of Ethanol and Acetaldehyde in Primary Mouse Hepatocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 9209825	6.7	15
42	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	4.4	15
41	Free fatty acids enhance the oxidative damage induced by ethanol metabolism in an in vitro model. <i>Food and Chemical Toxicology</i> , 2015 , 76, 109-15	4.7	14

40	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, 102-8	4.7	14
39	Hyperlipidemic microenvironment conditionates damage mechanisms in human chondrocytes by oxidative stress. <i>Lipids in Health and Disease</i> , 2017 , 16, 114	4.4	14
38	Role of HIF-1 signaling pathway in osteoarthritis: a systematic review. <i>Revista Brasileira De Reumatologia</i> , 2017 , 57, 162-173		14
37	Relationship between toxicokinetics of carbaryl and effect on acetylcholinesterase activity in <i>Pomacea patula</i> snail. <i>Ecotoxicology and Environmental Safety</i> , 2000 , 46, 234-9	7	14
36	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	4.2	13
35	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	3.1	13
34	Telomerase activity in response to mild oxidative stress. <i>Cell Biology International</i> , 2012 , 36, 409-13	4.5	13
33	Differential effect of interleukin-10 on hepatocyte apoptosis. <i>Life Sciences</i> , 2005 , 76, 2569-79	6.8	13
32	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	6.9	12
31	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	7.4	12
30	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	7	11
29	Mineralization of high concentrations of the endocrine disruptor dibutyl phthalate by. <i>3 Biotech</i> , 2018 , 8, 42	2.8	9
28	Organ- and tissue-specific alterations in the anti-apoptotic protein Bcl-2 in CD1 female mice of different ages. <i>Biogerontology</i> , 2006 , 7, 63-7	4.5	9
27	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, 641-51	4.5	9
26	Differential modulation of interleukin 8 by interleukin 4 and interleukin 10 in HepG2 cells treated with acetaldehyde. <i>Liver International</i> , 2005 , 25, 122-30	7.9	9
25	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, 1262-70	4.1	8
24	Modification of sleep architecture in an animal model of experimental cirrhosis. <i>World Journal of Gastroenterology</i> , 2009 , 15, 5176-80	5.6	8
23	Cholangiocyte death in ductopenic cholestatic cholangiopathies: Mechanistic basis and emerging therapeutic strategies. <i>Life Sciences</i> , 2019 , 218, 324-339	6.8	8

22	Impact of the gene-gene interactions related to the HIF-1 β signaling pathway with the knee osteoarthritis development. <i>Clinical Rheumatology</i> , 2019 , 38, 2897-2907	3.9	6
21	HGF induces protective effects in α -naphthylisothiocyanate-induced intrahepatic cholestasis by counteracting oxidative stress. <i>Biochemical Pharmacology</i> , 2020 , 174, 113812	6	6
20	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	2.6	6
19	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		6
18	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, 1306-14	4	5
17	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	3.1	5
16	Effect of acute lead treatment on coproporphyrinogen oxidase activity in HepG2 cells. <i>Toxicology</i> , 1998 , 126, 163-71	4.4	4
15	Vigorous, but differential mononuclear cell response of cirrhotic patients to bacterial ligands. <i>World Journal of Gastroenterology</i> , 2011 , 17, 1317-25	5.6	4
14	Negative Regulation of ULK1 by microRNA-106a in Autophagy Induced by a Triple Drug Combination in Colorectal Cancer Cells. <i>Genes</i> , 2021 , 12,	4.2	4
13	GDF11 Implications in Cancer Biology and Metabolism. Facts and Controversies. <i>Frontiers in Oncology</i> , 2019 , 9, 1039	5.3	3
12	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, 324-34	3.4	3
11	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,	6.6	3
10	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	7	3
9	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	3	2
8	Effective use of FibroTest to generate decision trees in hepatitis C. <i>World Journal of Gastroenterology</i> , 2009 , 15, 2617-22	5.6	1
7	Hepatocyte growth factor enhances the clearance of a multidrug-resistant Mycobacterium tuberculosis strain by high doses of conventional chemotherapy, preserving liver function. <i>Journal of Cellular Physiology</i> , 2020 , 235, 1637-1648	7	1
6	Acetaldehyde Effects on Cellular Redox State 2018 , 63-70		1
5	Fructose Consumption and Hepatocellular Carcinoma Promotion. <i>Livers</i> , 2021 , 1, 250-262		0

4	Mechanism of cholangiocellular damage and repair during cholestasis. <i>Annals of Hepatology</i> , 2021 , 26, 100530	3.1	o
3	Hepatocyte growth factor reverses cholemic nephropathy associated with Eaphthylisothiocyanate-induced cholestasis in mice.. <i>Life Sciences</i> , 2022 , 295, 120423	6.8	o
2	Superficial modification of biopolymeric scaffolds for tridimensional hepatic cell model. <i>International Journal of Medical Engineering and Informatics</i> , 2015 , 7, 110	0.5	
1	HGF/c-Met regulates p22 subunit of the NADPH oxidase complex in primary mouse hepatocytes by transcriptional and post-translational mechanisms. <i>Annals of Hepatology</i> , 2021 , 25, 100339	3.1	