Marina Marinovich

List of Publications by Year
in descending order

97 papers	4,254 citations	101543 36 h-index	118850 62 g-index
97 all docs	97 docs citations	97 times ranked	5379 citing authors

#	Article	IF	Citations
1	Erythropoietin Selectively Attenuates Cytokine Production and Inflammation in Cerebral Ischemia by Targeting Neuronal Apoptosis. Journal of Experimental Medicine, 2003, 198, 971-975.	8.5	481
2	Cytokines and Neuronal Ion Channels in Health and Disease. International Review of Neurobiology, 2007, 82, 247-263.	2.0	171
3	Erythropoietin protects primary hippocampal neurons increasing the expression of brain-derived neurotrophic factor. Journal of Neurochemistry, 2005, 93, 412-421.	3.9	143
4	In vitro characterization of the immunotoxic potential of several perfluorinated compounds (PFCs). Toxicology and Applied Pharmacology, 2012, 258, 248-255.	2.8	136
5	Glia Increase Degeneration of Hippocampal Neurons through Release of Tumor Necrosis Factor-Î±. Toxicology and Applied Pharmacology, 1998, 150, 271-276.	2.8	124
6	Organotins Induce Apoptosis by Disturbance of [Ca2+]i and Mitochondrial Activity, Causing Oxidative Stress and Activation of Caspases in Rat Thymocytes. Toxicology and Applied Pharmacology, 2000, 169, 185-190.	2.8	123
7	Use of IL-18 production in a human keratinocyte cell line to discriminate contact sensitizers from irritants and low molecular weight respiratory allergens. Toxicology in Vitro, 2009, 23, 789-796.	2.4	121
8	In vitro evaluation of the immunotoxic potential of perfluorinated compounds (PFCs). Toxicology and Applied Pharmacology, 2011, 250, 108-116.	2.8	121
9	Interleukin-1Î² Released by gp120 Drives Neural Death through Tyrosine Phosphorylation and Trafficking of NMDA Receptors. Journal of Biological Chemistry, 2006, 281, 30212-30222.	3.4	107
10	Distribution of interleukin-1 receptor complex at the synaptic membrane driven by interleukin-1Î² and NMDA stimulation. Journal of Neuroinflammation, 2011, 8, 14.	7.2	106
11	Cytokines role in neurodegenerative events. Toxicology Letters, 2004, 149, 85-89.	0.8	94
12	Comparison of wood smoke PM2.5 obtained from the combustion of FIR and beech pellets on inflammation and DNA damage in A549 and THP-1 human cell lines. Archives of Toxicology, 2013, 87, 2187-2199.	4.2	87
13	Sodium Arsenate Induces Overproduction of Interleukin-1Î± in Murine Keratinocytes: Role of Mitochondria. Journal of Investigative Dermatology, 1999, 113, 760-765.	0.7	83
14	Reactive oxygen species generated by glia are responsible for neuron death induced by human immunodeficiency virus-glycoprotein 120 in vitro. Neuroscience, 2001, 107, 51-58.	2.3	83
15	Nonhematopoietic Erythropoietin Derivatives Prevent Motoneuron Degeneration In Vitro and In Vivo. Molecular Medicine, 2006, 12, 153-160.	4.4	82
16	Erythropoietin: A Novel Neuroprotective Cytokine. NeuroToxicology, 2005, 26, 923-928.	3.0	78
17	Perspectives on neuroinflammation and excitotoxicity: A neurotoxic conspiracy?. NeuroToxicology, 2014, 43, 10-20.	3.0	72
18	Role of p38 MAPK in the selective release of IL-8 induced by chemical allergen in naÃ¯ve THP-1 cells. Toxicology in Vitro, 2008, 22, 386-395.	2.4	67

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19	Thyroid peroxidase as toxicity target for dithiocarbamates. Archives of Toxicology, 1997, 71, 508-512.	4.2	65
20	Immunomodulatory effects of the fungicide Mancozeb in agricultural workers. Toxicology and Applied Pharmacology, 2005, 208, 178-185.	2.8	65
21	Further development of the NCTC 2544 IL-18 assay to identify in vitro contact allergens. Toxicology in Vitro, 2011, 25, 724-732.	2.4	60
22	Endogenous Interleukin-1Î± Is Associated with Skin Irritation Induced by Tributyltin. Toxicology and Applied Pharmacology, 1996, 138, 268-274.	2.8	57
23	NF-Î²B Activation by Triphenyltin Triggers Apoptosis in HL-60 Cells. Experimental Cell Research, 1996, 226, 98-104.	2.6	55
24	In Vivo Dehydroepiandrosterone Restores Age-Associated Defects in the Protein Kinase C Signal Transduction Pathway and Related Functional Responses. Journal of Immunology, 2002, 168, 1753-1758.	0.8	54
25	Aspartame, low-calorie sweeteners and disease: Regulatory safety and epidemiological issues. Food and Chemical Toxicology, 2013, 60, 109-115.	3.6	54
26	High interleukin-10 production is associated with low antibody response to influenza vaccination in the elderly. Journal of Leukocyte Biology, 2006, 80, 376-382.	3.3	51
27	Facilitation of Acetylcholine Signaling by the Dithiocarbamate Fungicide Propineb. Chemical Research in Toxicology, 2002, 15, 26-32.	3.3	50
28	Use of IL-8 release and p38 MAPK activation in THP-1 cells to identify allergens and to assess their potency in vitro. Toxicology in Vitro, 2010, 24, 1803-1809.	2.4	50
29	NCTC 2544 and IL-18 production: A tool for the identification of contact allergens. Toxicology in Vitro, 2013, 27, 1127-1134.	2.4	47
30	Role of ROS and HMGB1 in Contact Allergenâ€“Induced IL-18 Production in Human Keratinocytes. Journal of Investigative Dermatology, 2014, 134, 2719-2727.	0.7	47
31	Selective induction of cell-associated interleukin-1Î± in murine keratinocytes by chemical allergens. Toxicology, 1998, 129, 193-200.	4.2	46
32	Analysis of the chemical composition of ultrafine particles from two domestic solid biomass fired room heaters under simulated real-world use. Atmospheric Environment, 2017, 150, 87-97.	4.1	45
33	Enterodiol and Enterolactone Modulate the Immune Response by Acting on Nuclear Factor-Î²B (NF-Î²B) Signaling. Journal of Agricultural and Food Chemistry, 2010, 58, 6678-6684.	5.2	43
34	Lack of PSD-95 drives hippocampal neuronal cell death through activation of an Î±CaMKII transduction pathway. European Journal of Neuroscience, 2002, 16, 777-786.	2.6	42
35	Dying neural cells activate glia through the release of a protease product. Glia, 2000, 32, 84-90.	4.9	41
36	Induction of Tumor Necrosis Factor-Î± In Vivo by a Skin Irritant, Tributyltin, Through Activation of Transcription Factors: Its Pharmacological Modulation by Anti-inflammatory Drugs. Journal of Investigative Dermatology, 1997, 108, 892-896.	0.7	40

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37	Molecular mechanisms underlying mancozeb-induced inhibition of TNF-alpha production. Toxicology and Applied Pharmacology, 2006, 212, 89-98.	2.8	39
38	Increased carrageenanâ€induced acute lung inflammation in old rats. Immunology, 2005, 115, 253-261.	4.4	37
39	Early maternal deprivation immunologically primes hippocampal synapses by redistributing interleukin-1 receptor type I in a sex dependent manner. Brain, Behavior, and Immunity, 2014, 35, 135-143.	4.1	37
40	Identification by DNA Macroarray of nur77 as a Gene Induced by Di-n-butyltin Dichloride: Its Role in Organotin-Induced Apoptosis. Toxicology and Applied Pharmacology, 2002, 181, 27-31.	2.8	34
41	The chemical composition of ultrafine particles and associated biological effects at an alpine town impacted by wood burning. Science of the Total Environment, 2017, 587-588, 223-231.	8.0	33
42	In vitro assessment of silver nanoparticles immunotoxicity. Food and Chemical Toxicology, 2018, 112, 363-374.	3.6	33
43	Role of Mitochondria and Calcium Ions in Tributyltin-Induced Gene Regulatory Pathways. Toxicology and Applied Pharmacology, 1997, 145, 74-81.	2.8	32
44	Age-related decline in RACK-1 expression in human leukocytes is correlated to plasma levels of dehydroepiandrosterone. Journal of Leukocyte Biology, 2005, 77, 247-256.	3.3	31
45	Immunomodulatory effects of the herbicide propanil on cytokine production in humans: In vivo and in vitro exposure. Toxicology and Applied Pharmacology, 2007, 222, 202-210.	2.8	31
46	Metals in cosmetics: An a posteriori safety evaluation. Regulatory Toxicology and Pharmacology, 2014, 69, 416-424.	2.7	30
47	Molecular mechanism of teratogenic effects induced by the fungicide triadimefon: Study of the expression of TGF-Î² mRNA and TGF-Î² and CRABPI proteins during rat in vitro development. Toxicology and Applied Pharmacology, 2009, 234, 107-116.	2.8	27
48	Ultrafine Particles from Residential Biomass Combustion: A Review on Experimental Data and Toxicological Response. International Journal of Molecular Sciences, 2019, 20, 4992.	4.1	27
49	Role of PKC-Î² in chemicalÂallergen-induced CD86 expression and IL-8 release in THP-1 cells. Archives of Toxicology, 2014, 88, 415-424.	4.2	26
50	Role of androgens in dhea-induced rack1 expression and cytokine modulation in monocytes. Immunity and Ageing, 2016, 13, 20.	4.2	26
51	Development of an in vitro method to estimate the sensitization induction level of contact allergens. Toxicology Letters, 2017, 271, 1-11.	0.8	26
52	Induction of Adipose Differentiation Related Protein and Neutral Lipid Droplet Accumulation in Keratinocytes by Skin Irritants. Journal of Investigative Dermatology, 2003, 121, 337-344.	0.7	25
53	Trimethyltin-Activated Cyclooxygenase Stimulates Tumor Necrosis Factor-Î± Release from Glial Cells through Reactive Oxygen Species. Toxicology and Applied Pharmacology, 2001, 172, 93-97.	2.8	24
54	A plea for risk assessment of endocrine disrupting chemicals. Toxicology, 2013, 314, 51-59.	4.2	24

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55	Corticosteroids modulate the expression of the PKC-anchoring protein RACK-1 and cytokine release in THP-1 cells. Pharmacological Research, 2014, 81, 10-16.	7.1	24
56	Ultrafine particles (UFPs) from domestic wood stoves: genotoxicity in human lung carcinoma A549 cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2017, 820, 39-46.	1.7	24
57	Insights on wood combustion generated proinflammatory ultrafine particles (UFP). Toxicology Letters, 2017, 266, 74-84.	0.8	24
58	Mixtures of benomyl, pirimiphos-methyl, dimethoate, diazinon and azinphos-methyl affect protein synthesis in HL-60 cells differently. Toxicology, 1994, 94, 173-185.	4.2	23
59	The anti-inflammatory activity of estrogen in glial cells is regulated by the PKC-anchoring protein RACK-1. Journal of Neurochemistry, 2002, 83, 1180-1187.	3.9	22
60	Isoeugenol destabilizes IL-8 mRNA expression in THP-1 cells through induction of the negative regulator of mRNA stability tristetraprolin. Archives of Toxicology, 2012, 86, 239-248.	4.2	20
61	The scaffold protein RACK1 is a target of endocrine disrupting chemicals (EDCs) with important implication in immunity. Toxicology and Applied Pharmacology, 2017, 325, 37-47.	2.8	20
62	Is the acceptable daily intake as presently used an axiom or a dogma?. Toxicology Letters, 2008, 180, 93-99.	0.8	19
63	Effect of estrogen-active compounds on the expression of RACK1 and immunological implications. Archives of Toxicology, 2020, 94, 2081-2095.	4.2	19
64	The binding of 2,3,7,8-tetrachlorodibenzodioxin to plasma lipoproteins may delay toxicity in experimental hyperlipidemia. Chemico-Biological Interactions, 1983, 45, 393-399.	4.0	18
65	Selective Induction of Interleukin-12 in Reconstructed Human Epidermis by Chemical Allergens. ATLA Alternatives To Laboratory Animals, 1999, 27, 261-269.	1.0	18
66	Cloricromene, a semi-synthetic coumarin derivative, inhibits tumor necrosis factor-Î± production at a pre-transcriptional level. European Journal of Pharmacology, 2001, 418, 231-237.	3.5	18
67	Optimization of the THP-1 activation assay to detect pharmaceuticals with potential to cause immune mediated drug reactions. Toxicology in Vitro, 2015, 29, 1339-1349.	2.4	17
68	Resistance to Acute Silicosis in Senescent Rats:Â Role of Alveolar Macrophages. Chemical Research in Toxicology, 2003, 16, 1520-1527.	3.3	16
69	Role of Mitochondria in Tributyltin-Induced Interleukin-1Î± Production in Murine Keratinocytes. Journal of Investigative Dermatology, 1996, 107, 720-725.	0.7	15
70	Resistance to silica-induced lung fibrosis in senescent rats: role of alveolar macrophages and tumor necrosis factor-Î± (TNF). Mechanisms of Ageing and Development, 2004, 125, 145-146.	4.6	15
71	Skin immunosenescence: decreased receptor for activated C kinase-1 expression correlates with defective tumour necrosis factor-Î± production in epidermal cells. British Journal of Dermatology, 2009, 160, 16-25.	1.5	15
72	Novel analytical method to measure formaldehyde release from heated hair straightening cosmetic products: Impact on risk assessment. Regulatory Toxicology and Pharmacology, 2015, 72, 562-568.	2.7	15

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73	Inhibition of human neutrophil aggregation by albumin. Relationship with cytoskeleton reorganization. Biochemical Pharmacology, 1989, 38, 3909-3912.	4.4	13
74	Interleukin-1 production after treatment with non-ionic surfactants in a murine keratinocytes cell line. Toxicology in Vitro, 1994, 8, 361-369.	2.4	13
75	Use of differential display-polymerase chain reaction to identify genes selectively modulated by chemical allergens in reconstituted human epidermis. Toxicology in Vitro, 2002, 16, 427-431.	2.4	13
76	Endogenous Erythropoietin as Part of the Cytokine Network in the Pathogenesis of Experimental Autoimmune Encephalomyelitis. Molecular Medicine, 2008, 14, 682-688.	4.4	13
77	Cyclosporin A Exacerbates Skin Irritation Induced by Tributyltin by Increasing Nuclear Factor Î²B Activation. Journal of Investigative Dermatology, 2001, 117, 1627-1634.	0.7	12
78	RACK-1 expression and cytokine production in leukocytes obtained from AD patients. Aging Clinical and Experimental Research, 2006, 18, 153-157.	2.9	12
79	Aloe-emodin, a hydroxyanthracene derivative, is not genotoxic in an in vivo comet test. Regulatory Toxicology and Pharmacology, 2021, 124, 104967.	2.7	12
80	Primary Role of Mitochondria and Calcium Ions in the Induction of Reactive Oxygen Species by External Stimuli such as Triorganotins. Toxicology in Vitro, 1998, 12, 551-556.	2.4	11
81	Ontogenesis of protein kinase C Î²II and its anchoring protein RACK1 in the maturation of alveolar macrophage functional responses. Immunology Letters, 2001, 76, 89-93.	2.5	10
82	Understanding chemical allergen potency: role of NLRP12 and Blimp-1 in the induction of IL-18 in human keratinocytes. Archives of Toxicology, 2017, 91, 1783-1794.	4.2	10
83	Dithiocarbamate propineb induces acetylcholine release through cytoskeletal actin depolymerization in PC12 cells. Toxicology Letters, 2008, 182, 63-68.	0.8	9
84	Neurotoxicity: An active role for GLIA?. , 1998, 23, 1-12.		8
85	Mechanistic understanding of dendritic cell activation in skin sensitization: additional evidences to support potency classification. Toxicology Letters, 2020, 322, 50-57.	0.8	8
86	Human keratinocytes and monocytes co-culture cell system: An important contribution for the study of moderate and weak sensitizers. Toxicology in Vitro, 2020, 68, 104929.	2.4	5
87	In vitro identification of drugs inducing systemic hypersensitivity reactions known in vivo to be associated with specific HLA genotypes. Toxicology in Vitro, 2020, 68, 104953.	2.4	5
88	Lack of in vivo genotoxic effect of dried whole Aloe ferox juice. Toxicology Reports, 2021, 8, 1471-1474.	3.3	5
89	Cloning of a New FRTL5-Derived Cell-Line Stably Expressing Active Human Thyroid Peroxidase. Biochemical and Biophysical Research Communications, 1995, 212, 602-608.	2.1	4
90	Trimethyltin but not triethyltin induces specific neural cell death through the protein stannin. , 1998, 23, 139-149.		4

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91	Effect of plant extracts on the genotoxicity of 1â€²-hydroxy alkenylbenzenes. Regulatory Toxicology and Pharmacology, 2019, 105, 36-41.	2.7	4
92	F-actin levels but not actin polymerization are affected by triphenyltin in HL-60 cells. Environmental Toxicology and Pharmacology, 1996, 1, 13-20.	4.0	3
93	Study on the inflammasome nlrp3 and blimp-1/nlrp12 after keratinocyte exposure to contact allergens. Toxicology Letters, 2019, 313, 130-136.	0.8	3
94	Role of SP-1 in SDS-Induced Adipose Differentiation Related Protein Synthesis in Human Keratinocytes. Gene Regulation and Systems Biology, 2007, 1, 117762500700100.	2.3	1
95	Role of SP-1 in SDS-induced adipose differentiation related protein synthesis in human keratinocytes. Gene Regulation and Systems Biology, 2007, 1, 207-15.	2.3	1
96	Cytokines in Neuronalâ€“Glial Interaction. , 2004, , 125-140.		0
97	Actin Involvement in Cell Toxicity. , 1995, , 223-240.		0