List of Publications by Year in descending order

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P DELCADO

#	Article	IF	CITATIONS
1	Phytochemical characterisation and inÂvivo antilithiatic activity of the stems of Caesalpinia bahamensis (Brasilete). Natural Product Research, 2021, , 1-5.	1.8	1
2	Novel arylidene malonate derivative, KM-34, showed neuroprotective effects on in vitro and in vivo models of ischemia/reperfusion. European Journal of Pharmacology, 2021, 899, 174025.	3.5	1
3	Marine Seagrass Extract of Thalassia testudinum Suppresses Colorectal Tumor Growth, Motility and Angiogenesis by Autophagic Stress and Immunogenic Cell Death Pathways. Marine Drugs, 2021, 19, 52.	4.6	13
4	Chemical Study, Antioxidant Capacity, and Hypoglycemic Activity of Malva pseudolavatera Webb & Berthel and Malva sylvestris L. (Malvaceae), Grown in Ecuador. , 2021, 4, 1064-1071.		0
5	Anti-angiogenic effects of mangiferin and mechanism of action in metastatic melanoma. Melanoma Research, 2020, 30, 39-51.	1.2	23
6	Rapanone, a naturally occurring benzoquinone, inhibits mitochondrial respiration and induces HepG2 cell death. Toxicology in Vitro, 2020, 63, 104737.	2.4	6
7	A New Homoisoflavonoid from Caesalpinia bahamensis. Revista Brasileira De Farmacognosia, 2020, 30, 733-736.	1.4	2
8	Anti-hypernociceptive and anti-inflammatory effects of JM-20: A novel hybrid neuroprotective compound. Brain Research Bulletin, 2020, 165, 185-197.	3.0	4
9	Short Communication: Molecular barcode and morphology analysis of Malva pseudolavatera Webb & Berthel and Malva sylvestris L. from Ecuador. Biodiversitas, 2020, 21, .	0.6	2
10	Pharmacognostic, chemical and mucolytic activity study of Malva pseudolavatera Webb & Berthel. and Malva sylvestris L. (Malvaceae) leaf extracts, grown in Ecuador. Biodiversitas, 2020, 21, .	0.6	2
11	Dry amorphisation of mangiferin, a poorly water-soluble compound, using mesoporous silica. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 141, 172-179.	4.3	13
12	JM-20 Treatment After MCAO Reduced Astrocyte Reactivity and Neuronal Death on Peri-infarct Regions of the Rat Brain. Molecular Neurobiology, 2019, 56, 502-512.	4.0	21
13	Antioxidant and Neuroprotective Effects of KM-34, A Novel Synthetic Catechol, Against Oxidative Stress-Induced Neurotoxicity. Drug Research, 2018, 68, 263-269.	1.7	3
14	Anti-allodynic Effect of Mangiferin in Rats With Chronic Post-ischemia Pain: A Model of Complex Regional Pain Syndrome Type I. Frontiers in Pharmacology, 2018, 9, 1119.	3.5	6
15	MANGIFERIN A NATURALLY OCCURRING GLUCOSYLXANTHONE OBTAINED BY SPRAY DRY WITH INCREASED SOLUBILITY USING HPMC, AS AN ACTIVE PHARMACEUTICAL INGREDIENT FOR NEW PHARMACOTHERAPEUTIC APPLICATIONS. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4 8 32	0.0	0
16	PHARMAOGNOSTIC, CHEMICAL AND PHARMACOLOGICAL STUDIES OF Caesalpinia bahamensis Lam [BRASILETE]. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-8-6.	0.0	0
17	Semi-synthetic sapogenin exerts neuroprotective effects by skewing the brain ischemia reperfusion transcriptome towards inflammatory resolution. Brain, Behavior, and Immunity, 2017, 64, 103-115.	4.1	2
18	In Vitro Neuroprotective and Anti-Inflammatory Activities of Natural and Semi-Synthetic Spirosteroid Analogues. Molecules, 2016, 21, 992.	3.8	7

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19	The effects of JM-20 on the glutamatergic system in synaptic vesicles, synaptosomes and neural cells cultured from rat brain. Neurochemistry International, 2015, 81, 41-47.	3.8	16
20	Neuroprotection by JM-20 against oxygen-glucose deprivation in rat hippocampal slices: Involvement of the Akt/GSK-3β pathway. Neurochemistry International, 2015, 90, 215-223.	3.8	30
21	Antihyperalgesic Effects of an Aqueous Stem Bark Extract of <i>Mangifera indica</i> L.: Role of Mangiferin Isolated from the Extract. Phytotherapy Research, 2014, 28, 1646-1653.	5.8	6
22	JM-20, a novel benzodiazepine–dihydropyridine hybrid molecule, protects mitochondria and prevents ischemic insult-mediated neural cell death in vitro. European Journal of Pharmacology, 2014, 726, 57-65.	3.5	31
23	Combination of Mangifera indica L. Extract Supplementation Plus Methotrexate in Rheumatoid Arthritis Patients: A Pilot Study. Phytotherapy Research, 2014, 28, 1163-1172.	5.8	12
24	Anti-hypernociceptive effect of mangiferin in persistent and neuropathic pain models in rats. Pharmacology Biochemistry and Behavior, 2014, 124, 311-319.	2.9	17
25	Antioxidant effects of JM-20 on rat brain mitochondria and synaptosomes: Mitoprotection against Ca2+-induced mitochondrial impairment. Brain Research Bulletin, 2014, 109, 68-76.	3.0	33
26	A novel multi-target ligand (JM-20) protects mitochondrial integrity, inhibits brain excitatory amino acid release and reduces cerebral ischemia injury inÂvitro and inÂvivo. Neuropharmacology, 2014, 85, 517-527.	4.1	39
27	Effects of a <i>Mangifera indica</i> L. stem bark extract and mangiferin on radiationâ€induced <scp>DNA</scp> damage in human lymphocytes and lymphoblastoid cells. Cell Proliferation, 2014, 47, 48-55.	5.3	28
28	Mangiferin-Loaded Polymeric Nanocapsules. Journal of Nanopharmaceutics and Drug Delivery, 2014, 2, 87-92.	0.3	3
29	<i>Mangifera indica</i> L. Extract and Mangiferin Modulate Cytochrome P450 and UDPâ€Glucuronosyltransferase Enzymes in Primary Cultures of Human Hepatocytes. Phytotherapy Research, 2013, 27, 745-752.	5.8	18
30	Multiparametric evaluation of the cytoprotective effect of the <i>Mangifera indica</i> â€L. stem bark extract and mangiferin in HepG2 cells. Journal of Pharmacy and Pharmacology, 2013, 65, 1073-1082.	2.4	20
31	Mangiferin and Its Traversal into the Brain. Advances in Experimental Medicine and Biology, 2013, 756, 105-111.	1.6	12
32	Characterization of the anxiolytic and sedative profile of JM-20: a novel benzodiazepine–dihydropyridine hybrid molecule. Neurological Research, 2013, 35, 804-812.	1.3	24
33	Evaluation of drug-metabolizing enzyme hydroxylation phenotypes in Hispanic populations: the CEIBA cocktail. Drug Metabolism and Drug Interactions, 2013, 28, 135-146.	0.3	11
34	Modified Hybrid Coatings for Anticorrosion Protection of Aluminum Alloy 2024-T3. ECS Transactions, 2012, 43, 35-39.	0.5	1
35	Neuroprotective Action and Free Radical Scavenging Activity of Guttiferone-A, a Naturally Occurring Prenylated Benzophenone. Arzneimittelforschung, 2012, 62, 583-589.	0.4	6
36	Evaluation of genotoxicity and DNA protective effects of mangiferin, a glucosylxanthone isolated from Mangifera indica L. stem bark extract. Food and Chemical Toxicology, 2012, 50, 3360-3366.	3.6	26

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37	Antioxidation and the Hypoxic Ventilatory Response. Advances in Experimental Medicine and Biology, 2012, 758, 373-380.	1.6	4
38	Case Series in Patients with Zoster-Associated Pain Using <i>Mangifera indica </i> L. Extract. Research in Complementary Medicine, 2011, 18, 345-350.	2.2	6
39	Gallic acid indanone and mangiferin xanthone are strong determinants of immunosuppressive anti-tumour effects of Mangifera indica L. bark in MDA-MB231 breast cancer cells. Cancer Letters, 2011, 305, 21-31.	7.2	116
40	<i>Mangifera indica</i> L. extract (Vimang) and mangiferin reduce the airway inflammation and Th2 cytokines in murine model of allergic asthma. Journal of Pharmacy and Pharmacology, 2011, 63, 1336-1345.	2.4	58
41	Report of cases in patients with acute herpetic neuralgia using a Mangifera indica extract. Revista Brasileira De Farmacognosia, 2011, 21, 1111-1117.	1.4	1
42	A Strong Protective Action of Guttiferone-A, a Naturally Occurring Prenylated Benzophenone, Against Iron-Induced Neuronal Cell Damage. Journal of Pharmacological Sciences, 2011, 116, 36-46.	2.5	20
43	Effect of mangiferin, a naturally occurring glucoxylxanthone, on fear memory in rats. Arzneimittelforschung, 2011, 61, 382-385.	0.4	0
44	Anti-allergic properties of Mangifera indica L. extract (Vimang) and contribution of its glucosylxanthone mangiferinâ€. Journal of Pharmacy and Pharmacology, 2010, 58, 385-392.	2.4	71
45	Mangiferin, a naturally occurring glucoxilxanthone improves long-term object recognition memory in rats. European Journal of Pharmacology, 2010, 635, 124-128.	3.5	54
46	A Mangifera indica L. Extract Could Be Used to Treat Neuropathic Pain and Implication of Mangiferin. Molecules, 2010, 15, 9035-9045.	3.8	44
47	In vivoacute toxicological studies of an antioxidant extract fromMangifera indicaL. (Vimang). Drug and Chemical Toxicology, 2009, 32, 53-58.	2.3	21
48	Ozone oxidative preconditioning reduces nitrite levels in blood serum in LPS: induced endotoxic shock in mice. Inflammation Research, 2009, 58, 441-443.	4.0	9
49	<i>Mangifera indica</i> extract (Vimang) impairs aversive memory without affecting open field behaviour or habituation in rats. Phytotherapy Research, 2009, 23, 859-862.	5.8	1
50	Pre-emptive anti-hyperalgesic effect of electroacupuncture in carrageenan-induced inflammation: Role of nitric oxide. Brain Research Bulletin, 2009, 79, 339-344.	3.0	12
51	Mangifera indica L. extract attenuates glutamate-induced neurotoxicity on rat cortical neurons. NeuroToxicology, 2009, 30, 1053-1058.	3.0	49
52	Introducción de la suplementación con formulaciones Vimang® en el sÃndrome doloroso regional complejo: experiencia en 15 pacientes. Revista De La Sociedad Espanola Del Dolor, 2009, 16, 87-96.	0.1	4
53	Scavenger effect of a mango (Mangifera indica L.) food supplement's active ingredient on free radicals produced by human polymorphonuclear cells and hypoxanthine–xanthine oxidase chemiluminescence systems. Food Chemistry, 2008, 107, 1008-1014.	8.2	20
54	Modulation of P450 enzymes by Cuban natural products rich in polyphenolic compounds in rat hepatocytes. Chemico-Biological Interactions, 2008, 172, 1-10.	4.0	26

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55	Protective effects of Mangifera indica L extract (Vimang), and its major component mangiferin, on iron-induced oxidative damage to rat serum and liver. Pharmacological Research, 2008, 57, 79-86.	7.1	73
56	Mangifera indica L. extract (Vimang®) and its main polyphenol mangiferin prevent mitochondrial oxidative stress in atherosclerosis-prone hypercholesterolemic mouse. Pharmacological Research, 2008, 57, 332-338.	7.1	53
57	Interactions of Polyphenols with the P450 System: Possible Implications on Human Therapeutics. Mini-Reviews in Medicinal Chemistry, 2008, 8, 97-106.	2.4	49
58	Fe(III) Shifts the Mitochondria Permeability Transition-Eliciting Capacity of Mangiferin to Protection of Organelle. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 646-653.	2.5	32
59	Effects of Mangifera indica L. aqueous extract (Vimang) on primary culture of rat hepatocytes. Food and Chemical Toxicology, 2007, 45, 2506-2512.	3.6	30
60	Lack of in vivo embryotoxic and genotoxic activities of orally administered stem bark aqueous extract of Mangifera indica L. (Vimang®). Food and Chemical Toxicology, 2007, 45, 2526-2532.	3.6	16
61	Protective effect of Mangifera indica L. polyphenols on human T lymphocytes against activation-induced cell death. Pharmacological Research, 2007, 55, 167-173.	7.1	26
62	The paradox of natural products as pharmaceuticalsExperimental evidences of a mango stem bark extract. Pharmacological Research, 2007, 55, 351-358.	7.1	43
63	Dual mechanism of mangiferin protection against iron-induced damage to 2-deoxyribose and ascorbate oxidation. Pharmacological Research, 2006, 53, 253-260.	7.1	37
64	Interaction of Vimang (Mangifera indica L. extract) with Fe(III) improves its antioxidant and cytoprotecting activity. Pharmacological Research, 2006, 54, 389-395.	7.1	33
65	Evaluation of the genotoxic potential of Mangifera indica L. extract (Vimang), a new natural product with antioxidant activity. Food and Chemical Toxicology, 2006, 44, 1707-1713.	3.6	63
66	Effects of a natural extract from Mangifera indica L, and its active compound, mangiferin, on energy state and lipid peroxidation of red blood cells. Biochimica Et Biophysica Acta - General Subjects, 2006, 1760, 1333-1342.	2.4	74
67	Mangifera indica L. extract protects T cells from activation-induced cell death. International Immunopharmacology, 2006, 6, 1496-1505.	3.8	13
68	Modulation of eosinophil generation and migration by Mangifera indica L. extract (Vimang®). International Immunopharmacology, 2006, 6, 1515-1523.	3.8	20
69	Vimang (Mangifera indica L. extract) induces permeability transition in isolated mitochondria, closely reproducing the effect of mangiferin, Vimang's main component. Chemico-Biological Interactions, 2006, 159, 141-148.	4.0	21
70	Fe(III) improves antioxidant and cytoprotecting activities of mangiferin. European Journal of Pharmacology, 2006, 547, 31-36.	3.5	47
71	Mangifera indica L. (Vimang) Protection against Serum Oxidative Stress in Elderly Humans. Archives of Medical Research, 2006, 37, 158-164.	3.3	50
72	Protective effects of a standard extract of Mangifera indica L. (VIMANG®) against mouse ear edemas and its inhibition of eicosanoid production in J774 murine macrophages. Phytomedicine, 2006, 13, 412-418.	5.3	41

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73	Iron complexing activity of mangiferin, a naturally occurring glucosylxanthone, inhibits mitochondrial lipid peroxidation induced by Fe2+-citrate. European Journal of Pharmacology, 2005, 513, 47-55.	3.5	101
74	An aqueous stem bark extract ofMangifera indica (Vimang®) inhibits T cell proliferation and TNF-induced activation of nuclear transcription factor NF-IºB. Phytotherapy Research, 2005, 19, 211-215.	5.8	29
75	Effects of Ozone Oxidative Preconditioning on TNF-αRelease and Antioxidant-Prooxidant Intracellular Balance in Mice During Endotoxic Shock. Mediators of Inflammation, 2005, 2005, 16-22.	3.0	83
76	PREVENTING HEPATOCYTE OXIDATIVE STRESS CYTOTOXICITY WITH Mangifera indica L. EXTRACT (VIMANG). Drug Metabolism and Drug Interactions, 2005, 21, 19-29.	0.3	10
77	Mangiferin, a natural occurring glucosyl xanthone, increases susceptibility of rat liver mitochondria to calcium-induced permeability transition. Archives of Biochemistry and Biophysics, 2005, 439, 184-193.	3.0	57
78	Mangifera indica L. extract (Vimang) inhibits Fe2+-citrate-induced lipoperoxidation in isolated rat liver mitochondria. Pharmacological Research, 2005, 51, 427-435.	7.1	42
79	Inhibition of Tumor Necrosis Factor-alpha Release during Endotoxic Shock by Ozone Oxidative Preconditioning in Mice. Arzneimittelforschung, 2004, 54, 906-909.	0.4	5
80	Monoclonal antibodies against a 62 kDa proteinase of Trichomonas vaginalis decrease parasite cytoadherence to epithelial cells and confer protection in mice. Parasite Immunology, 2004, 26, 119-125.	1.5	44
81	In vivo and in vitro anti-inflammatory activity of Mangifera indica L. extract (VIMANGS). Pharmacological Research, 2004, 50, 143-149.	7.1	170
82	Protection against septic shock and suppression of tumor necrosis factor alpha and nitric oxide production on macrophages and microglia by a standard aqueous extract of Mangifera indica L. (VIMANGS)Role of mangiferin isolated from the extract. Pharmacological Research, 2004, 50, 165-172.	7.1	86
83	An Anacardiaceae preparation reduces the expression of inflammation-related genes in murine macrophages. International Immunopharmacology, 2004, 4, 991-1003.	3.8	43
84	Mangifera indicaL. extract (Vimang) and mangiferin modulate mouse humoral immune responses. Phytotherapy Research, 2003, 17, 1182-1187.	5.8	83
85	Anthelminthic and antiallergic activities ofMangifera indicaL. stem bark components Vimang and mangiferin. Phytotherapy Research, 2003, 17, 1203-1208.	5.8	84
86	Modulation of rat macrophage function by the Mangifera indica L. extracts Vimang and mangiferin. International Immunopharmacology, 2002, 2, 797-806.	3.8	87
87	Albumin-derived advanced glycation end-products trigger the disruption of the vascular endothelial cadherin complex in cultured human and murine endothelial cells. Biochemical Journal, 2001, 359, 567.	3.7	41
88	Mangifera indicaL. extract (QF808) reduces ischaemia-induced neuronal loss and oxidative damage in the gerbil brain. Free Radical Research, 2001, 35, 465-473.	3.3	50
89	Effects of Phycocyanin Extract on Tumor Necrosis Factor- \hat{l} + and Nitrite Levels in Serum of Mice Treated with Endotoxin. Arzneimittelforschung, 2001, 51, 733-736.	0.4	38
90	Plasma concentrations of αâ€melanocyteâ€stimulating hormone are elevated in patients on chronic haemodialysis. Nephrology Dialysis Transplantation, 2000, 15, 1212-1216.	0.7	26

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91	Evaluation of the in vitro antioxidant activity of Mangifera indica L. extract (Vimang). Phytotherapy Research, 2000, 14, 424-427.	5.8	131
92	Regulation of Endothelial Nitric Oxide Synthase Expression by Albumin-Derived Advanced Glycosylation End Products. Circulation Research, 2000, 86, E50-4.	4.5	98
93	Protective effect of n-acetylcysteine in a model of influenza infection in mice. International Journal of Immunopathology and Pharmacology, 2000, 13, 123-128.	2.1	28
94	Inhibition of Systemic Inflammation by Central Action of the Neuropeptide α-Melanocyte- Stimulating Hormone. NeuroImmunoModulation, 1999, 6, 187-192.	1.8	44
95	α-MSH Peptides Inhibit Production of Nitric Oxide and Tumor Necrosis Factor-α by Microglial Cells Activated with β-Amyloid and Interferon γ. Biochemical and Biophysical Research Communications, 1999, 263, 251-256.	2.1	85
96	αâ€MSH in Systemic Inflammation: Central and Peripheral Actions. Annals of the New York Academy of Sciences, 1999, 885, 183-187.	3.8	30
97	Peptide Modulation of Inflammatory Processes within the Brain. NeuroImmunoModulation, 1998, 5, 178-183.	1.8	29
98	Melanocortin peptides inhibit production of proinflammatory cytokines and nitric oxide by activated microglia. Journal of Leukocyte Biology, 1998, 63, 740-745.	3.3	142
99	Effect of Advanced Glycosylation End Products on the Induction of Nitric Oxide Synthase in Murine Macrophages. Biochemical and Biophysical Research Communications, 1996, 225, 358-362.	2.1	39
100	Mechanism of inhibition of tumor necrosis factor production by chlorpromazine and its derivatives in mice. European Journal of Pharmacology, 1996, 317, 369-376.	3.5	16
101	Nitric oxide modulates interleukin-2-induced proliferation in CTLL-2 cells. Mediators of Inflammation, 1996, 5, 324-327.	3.0	3
102	Chlorpromazine inhibits nitric oxide-mediated increase in intracellular cGMP in a mouse teratocarcinoma cell line. Inflammation Research, 1995, 44, 287-290.	4.0	6
103	Lobenzarit disodium inhibits the constitutive NO–cGMP metabolic pathways. Possible involvement as an immunomodulatory drug. Mediators of Inflammation, 1995, 4, 364-367.	3.0	0
104	Ca(2+)-independent nitric oxide synthase activity in human lung after cardiopulmonary bypass Thorax, 1995, 50, 403-404.	5.6	24
105	Mechanisms of interleukin-2-induced depression of hepatic cytochrome P-450 in mice. European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section, 1995, 292, 257-263.	0.8	12
106	Endogenous nitric oxide production by human monocytic cells regulates LPS-induced TNF production. European Cytokine Network, 1995, 6, 45-8.	2.0	27
107	Nonsurgical Management of Threatened Upper Urinary Tracts and Incontinence in Children with Myelomeningocele. Journal of Urology, 1994, 152, 1582-1585.	0.4	62
108	Mechanisms of Interleukin-2-Induced Hydrothoraxy in Mice. Journal of Immunotherapy, 1994, 15, 194-201.	2.4	4

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109	Depression of liver metabolism and induction of cytokine release by diphtheria and tetanus toxoids and pertussis vaccines: role of Bordetella pertussis cells in toxicity. Infection and Immunity, 1994, 62, 29-32.	2.2	10
110	Monocyte Chemotactic Protein-1 Inhibits the Induction of Nitric Oxide Synthase in J774 Cells. Biochemical and Biophysical Research Communications, 1993, 196, 274-279.	2.1	29
111	Chlorpromazine Inhibits Both the Constitutive Nitric Oxide Synthase and the Induction of Nitric Oxide Synthase After LPS Challenge. Biochemical and Biophysical Research Communications, 1993, 196, 280-286.	2.1	35
112	Pharmacological activities of chlorpromazine involved in the inhibition of tumour necrosis factor production in vivo in mice. Immunology, 1993, 79, 217-9.	4.4	50
113	Urinary TNF-binding protein (TNF soluble receptor) protects mice against the lethal effect of TNF and endotoxic shock. European Cytokine Network, 1993, 4, 39-42.	2.0	13