

# Beatriz de las Heras

## List of Publications by Year in descending order

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64  
papers

2,974  
citations

185998

28  
h-index

168136

53  
g-index

66  
all docs

66  
docs citations

66  
times ranked

4257  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fixed Oil of <i>Nigella sativa</i> and Derived Thymoquinone Inhibit Eicosanoid Generation in Leukocytes and Membrane Lipid Peroxidation. <i>Planta Medica</i> , 1995, 61, 33-36.	0.7	678
2	New insights into the mechanism of action of the anti-inflammatory triterpene lupeol. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 53, 1533-1539.	1.2	150
3	Molecular Basis of the Anti-Inflammatory Effects of Terpenoids. <i>Inflammation and Allergy: Drug Targets</i> , 2009, 8, 28-39.	1.8	122
4	Anti-Inflammatory and Immunomodulating Properties of a Sterol Fraction from <i>Sideritis foetens</i> Clem.. <i>Biological and Pharmaceutical Bulletin</i> , 2001, 24, 470-473.	0.6	121
5	Antiinflammatory and antioxidant activity of plants used in traditional medicine in Ecuador. <i>Journal of Ethnopharmacology</i> , 1998, 61, 161-166.	2.0	118
6	Inhibition of the Nuclear Factor $\kappa$ B (NF- $\kappa$ B) Pathway by Tetracyclic Kaurene Diterpenes in Macrophages. <i>Journal of Biological Chemistry</i> , 2001, 276, 15854-15860.	1.6	105
7	Biocompatibility of elastin-like polymer poly(VPAVG) microparticles: in vitro and in vivo studies. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 78A, 343-351.	2.1	86
8	Anti-inflammatory activity of abietic acid, a diterpene isolated from <i>Pimenta racemosa</i> var. <i>grisea</i> . <i>Journal of Pharmacy and Pharmacology</i> , 2010, 53, 867-872.	1.2	86
9	Novel biodegradable polyesteramide microspheres for controlled drug delivery in Ophthalmology. <i>Journal of Controlled Release</i> , 2015, 211, 105-117.	4.8	85
10	Pharmacological modification of endogenous antioxidant enzymes by ursolic acid on tetrachloride-induced liver damage in rats and primary cultures of rat hepatocytes. <i>Experimental and Toxicologic Pathology</i> , 2001, 53, 199-206.	2.1	76
11	Superoxide scavenging activity in leukocytes and absence of cellular toxicity of a series of coumarins. <i>Biochemical Pharmacology</i> , 1994, 48, 445-451.	2.0	71
12	The effect of preservative-free HP-Guar on dry eye after phacoemulsification: a flow cytometric study. <i>Eye</i> , 2010, 24, 1331-1337.	1.1	67
13	Terpenoids: Sources, Structure Elucidation and Therapeutic Potential in Inflammation. <i>Current Topics in Medicinal Chemistry</i> , 2003, 3, 171-185.	1.0	65
14	Effects of furocoumarins from <i>Cachrys trifida</i> on some macrophage functions. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 53, 1163-1168.	1.2	56
15	Anti-inflammatory activity and phenolic profile of propolis from two locations in Región Metropolitana de Santiago, Chile. <i>Journal of Ethnopharmacology</i> , 2015, 168, 37-44.	2.0	50
16	Novel Water-Soluble Mucoadhesive Carbosilane Dendrimers for Ocular Administration. <i>Molecular Pharmaceutics</i> , 2016, 13, 2966-2976.	2.3	50
17	Synthesis and induction of apoptosis signaling pathway of ent-kaurene derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1724-1735.	1.4	47
18	Inhibition of NOS-2 expression in macrophages through the inactivation of NF- $\kappa$ B by andalusol. <i>British Journal of Pharmacology</i> , 1999, 128, 605-612.	2.7	44

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19	Synthesis and cytotoxic activity of metallic complexes of lawsone. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 2471-2477.	1.4	44
20	Inhibitory activity of a series of coumarins on leukocyte eicosanoid generation. <i>Agents and Actions</i> , 1994, 42, 44-49.	0.7	43
21	Design and Characterization of an Ocular Topical Liposomal Preparation to Replenish the Lipids of the Tear Film. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 7839-7847.	3.3	42
22	Suppression of inflammatory responses by labdane-type diterpenoids. <i>Toxicology and Applied Pharmacology</i> , 2008, 228, 179-189.	1.3	39
23	Effects of six diterpenes on macrophage eicosanoid biosynthesis. <i>Life Sciences</i> , 2001, 70, 269-278.	2.0	35
24	Labdane diterpenes protect against anoxia/reperfusion injury in cardiomyocytes: involvement of AKT activation. <i>Cell Death and Disease</i> , 2011, 2, e229-e229.	2.7	34
25	A hispanolone-derived diterpenoid inhibits M2-Macrophage polarization in vitro via JAK/STAT and attenuates chitin induced inflammation in vivo. <i>Biochemical Pharmacology</i> , 2018, 154, 373-383.	2.0	32
26	Kaurane diterpenes protect against apoptosis and inhibition of phagocytosis in activated macrophages. <i>British Journal of Pharmacology</i> , 2007, 152, 249-255.	2.7	31
27	Modulation of inflammatory responses by diterpene acids from <i>Helianthus annuus</i> L.. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 761-766.	1.0	31
28	A novel diterpenoid labdane from <i>Sideritis javalambrensis</i> inhibits eicosanoid generation from stimulated macrophages but enhances arachidonate release. <i>Biochemical Pharmacology</i> , 1996, 51, 863-868.	2.0	30
29	Novel Nano-Liposome Formulation for Dry Eyes with Components Similar to the Preocular Tear Film. <i>Polymers</i> , 2018, 10, 425.	2.0	28
30	Andalusol, a Diterpenoid with anti-inflammatory Activity from <i>Sideritis foetens</i> Clemen. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1997, 52, 844-849.	0.6	27
31	Anti-Inflammatory and Antioxidant Properties of a New Arylidene-Thiazolidinedione in Macrophages. <i>Current Medicinal Chemistry</i> , 2011, 18, 3351-3360.	1.2	27
32	Non-Cytotoxic Inhibition of Macrophage Eicosanoid Biosynthesis and Effects on Leukocyte Functions and Reactive Oxygen Species of Two Novel Anti-Inflammatory Plant Diterpenoids. <i>Planta Medica</i> , 1994, 60, 501-506.	0.7	26
33	New PPAR $\beta$ partial agonist improves obesity-induced metabolic alterations and atherosclerosis in LDLr $^{-/-}$ mice. <i>Pharmacological Research</i> , 2016, 104, 49-60.	3.1	26
34	Synthesis and anti-inflammatory activity of ent-kaurene derivatives. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1291-1305.	2.6	22
35	Effects of <i>Anisakis simplex</i> on Nitric Oxide Production in J774 Macrophages. <i>Scandinavian Journal of Infectious Diseases</i> , 1998, 30, 603-606.	1.5	21
36	Evaluation of labdane derivatives as potential anti-inflammatory agents. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3155-3161.	2.6	21

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37	Benznidazole blocks NF- $\kappa$ B activation but not AP-1 through inhibition of IKK. <i>Molecular Immunology</i> , 2010, 47, 2485-2491.	1.0	21
38	The Use of Mucoadhesive Polymers to Enhance the Hypotensive Effect of a Melatonin Analogue, 5-MCA-NAT, in Rabbit Eyes. , 2011, 52, 1507.		21
39	Electronegative LDL induction of apoptosis in macrophages: Involvement of Nrf2. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 430-437.	1.2	20
40	Anti-Inflammatory Properties of a Lipid Fraction Obtained from <i>Sideritis javalambrensis</i> .. <i>Biological and Pharmaceutical Bulletin</i> , 2000, 23, 1193-1197.	0.6	18
41	Current status of terpenoids as inflammasome inhibitors. <i>Biochemical Pharmacology</i> , 2020, 172, 113739.	2.0	18
42	Immunomodulating Properties of the Diterpene Andalusol. <i>Planta Medica</i> , 2000, 66, 289-291.	0.7	17
43	Anti-inflammatory activity of <i>Sideritis javalambrensis</i> extracts. <i>Journal of Ethnopharmacology</i> , 1994, 41, 15-17.	2.0	16
44	Labdanolic acid methyl ester (LAME) exerts anti-inflammatory effects through inhibition of TAK-1 activation. <i>Toxicology and Applied Pharmacology</i> , 2012, 258, 109-117.	1.3	16
45	Molecular Targets Involved in the Neuroprotection Mediated by Terpenoids. <i>Planta Medica</i> , 2019, 85, 1304-1315.	0.7	16
46	Novel anti-inflammatory plant labdanes: Comparison of in vitro properties with aspirin and indomethacin. <i>Agents and Actions</i> , 1994, 41, 114-117.	0.7	15
47	Critical role of the death receptor pathway in the antitumoral effects induced by hispanolone derivatives. <i>Oncogene</i> , 2013, 32, 259-268.	2.6	15
48	GQ-11: A new PPAR agonist improves obesity-induced metabolic alterations in LDLr <sup>-/-</sup> mice. <i>International Journal of Obesity</i> , 2018, 42, 1062-1072.	1.6	15
49	Semisynthesis and Inhibitory Effects of Solidagenone Derivatives on TLR-Mediated Inflammatory Responses. <i>Molecules</i> , 2018, 23, 3197.	1.7	15
50	Metal Complexes of Natural Product Like-compounds with Antitumor Activity. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 48-65.	0.9	15
51	Anti-Inflammatory Activity of <i>Sideritis javalambrensis</i> in Rats. <i>Planta Medica</i> , 1990, 56, 658-659.	0.7	12
52	$\beta$ -Hispanolol Induces Apoptosis and Suppresses Migration and Invasion of Glioblastoma Cells Likely via Downregulation of MMP-2/9 Expression and p38MAPK Attenuation. <i>Frontiers in Pharmacology</i> , 2019, 10, 935.	1.6	11
53	Distribution of HCV genotypes in patients infected by different sources. <i>Research in Virology</i> , 1997, 148, 367-373.	0.7	10
54	A labdane diterpene exerts ex vivo and in vivo cardioprotection against post-ischemic injury: Involvement of AKT-dependent mechanisms. <i>Biochemical Pharmacology</i> , 2015, 93, 428-439.	2.0	10

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55	Î±-Hispanolol sensitizes hepatocellular carcinoma cells to TRAIL-induced apoptosis via death receptor up-regulation. <i>Toxicology and Applied Pharmacology</i> , 2015, 286, 168-177.	1.3	9
56	New indole-thiazolidine attenuates atherosclerosis in LDLr <sup>-/-</sup> mice. <i>Vascular Pharmacology</i> , 2015, 71, 174-180.	1.0	9
57	8,9-Dehydrohispanolone-15,16-lactol diterpene prevents LPS-triggered inflammatory responses by inhibiting endothelial activation. <i>Biochemical Journal</i> , 2016, 473, 2061-2071.	1.7	7
58	Calcium overload toxicity and functional impairment in peritoneal leukocytes elicited by glycogen or interleukin-1 $\beta$ . <i>Agents and Actions</i> , 1994, 41, 101-104.	0.7	6
59	A manoyl oxide diterpenoid from <i>Sideritis javalambrensis</i> . <i>Phytochemistry</i> , 1993, 34, 575.	1.4	5
60	Synthesis and Anti-inflammatory Evaluation of New Sulfamoylheterocarboxylic Derivatives. <i>Archiv Der Pharmazie</i> , 1996, 329, 229-238.	2.1	5
61	Dehydroisohispanolone as a Promising NLRP3 Inhibitor Agent: Bioevaluation and Molecular Docking. <i>Pharmaceuticals</i> , 2022, 15, 825.	1.7	5
62	In vivo and in vitro antiinflammatory activity of a lipid compound from <i>Sideritis javalambrensis</i> P.. <i>Phytotherapy Research</i> , 1998, 12, S111-S113.	2.8	4
63	Dehydrohispanolone Derivatives Attenuate the Inflammatory Response through the Modulation of Inflammasome Activation. <i>Journal of Natural Products</i> , 2020, 83, 2155-2164.	1.5	4
64	Biological evaluation of angular disubstituted naphthoimidazoles as anti-inflammatory agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4210-4213.	1.0	3