

Emanuela Masini

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,054
citations

236925

25
h-index

233421

45
g-index

51
all docs

51
docs citations

51
times ranked

2515
citing authors

#	ARTICLE	IF	CITATIONS
1	A new approach to antiglaucoma drugs: carbonic anhydrase inhibitors with or without NO donating moieties. Mechanism of action and preliminary pharmacology. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2012, 27, 138-147.	5.2	150
2	Release of histamine from rat mast cells by acetylcholine. <i>Nature</i> , 1978, 273, 473-474.	27.8	149
3	Relaxin-induced increased coronary flow through stimulation of nitric oxide production. <i>British Journal of Pharmacology</i> , 1995, 116, 1589-1594.	5.4	145
4	Cyclooxygenase-2 Activation Mediates the Proangiogenic Effect of Nitric Oxide in Colorectal Cancer. <i>Clinical Cancer Research</i> , 2004, 10, 2694-2704.	7.0	122
5	Relaxin Counteracts Myocardial Damage Induced by Ischemia-Reperfusion in Isolated Guinea Pig Hearts: Evidence for an Involvement of Nitric Oxide*. <i>Endocrinology</i> , 1997, 138, 4713-4720.	2.8	118
6	Inhibition of 5-lipoxygenase by MK886 augments the antitumor activity of celecoxib in human colon cancer cells. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 2716-2726.	4.1	115
7	Relaxin Inhibits the Activation of Human Neutrophils: Involvement of the Nitric Oxide Pathway. <i>Endocrinology</i> , 2004, 145, 1106-1112.	2.8	90
8	Increased production of nitric oxide by neutrophils and monocytes from cirrhotic patients with ascites and hyperdynamic circulation. <i>Hepatology</i> , 1995, 22, 1666-1673.	7.3	83
9	Protective effects of M40403, a selective superoxide dismutase mimetic, in myocardial ischaemia and reperfusion injury in vivo. <i>British Journal of Pharmacology</i> , 2002, 136, 905-917.	5.4	82
10	Effect of Mediterranean Diet Enriched in High Quality Extra Virgin Olive Oil on Oxidative Stress, Inflammation and Gut Microbiota in Obese and Normal Weight Adult Subjects. <i>Frontiers in Pharmacology</i> , 2019, 10, 1366.	3.5	72
11	Ceramide: a Key Signaling Molecule in a Guinea Pig Model of Allergic Asthmatic Response and Airway Inflammation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 324, 548-557.	2.5	70
12	Reduction of antigen-induced respiratory abnormalities and airway inflammation in sensitized guinea pigs by a superoxide dismutase mimetic. <i>Free Radical Biology and Medicine</i> , 2005, 39, 520-531.	2.9	66
13	Fructose liquid and solid formulations differently affect gut integrity, microbiota composition and related liver toxicity: a comparative in vivo study. <i>Journal of Nutritional Biochemistry</i> , 2018, 55, 185-199.	4.2	53
14	Discovery of β -Adrenergic Receptors Blocker-Carbonic Anhydrase Inhibitor Hybrids for Multitargeted Antiglaucoma Therapy. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 5380-5394.	6.4	53
15	HYDAMTIQ, a selective PARP-1 inhibitor, improves bleomycin-induced lung fibrosis by dampening the TGF- β /SMAD signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 324-335.	3.6	47
16	Heme Oxygenase-1 and the Ischemia-Reperfusion Injury in the Rat Heart. <i>Experimental Biology and Medicine</i> , 2003, 228, 546-549.	2.4	46
17	Protective effects of relaxin in ischemia/reperfusion-induced intestinal injury due to splanchnic artery occlusion. <i>British Journal of Pharmacology</i> , 2006, 148, 1124-1132.	5.4	45
18	Behavioural phenotype of histamine H4 receptor knockout mice: Focus on central neuronal functions. <i>Neuropharmacology</i> , 2017, 114, 48-57.	4.1	45

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19	Protective effects of a plant histaminase in myocardial ischaemia and reperfusion injury in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 432-439.	2.1	33
20	Discovery of Potent Dual-Tailed Benzenesulfonamide Inhibitors of Human Carbonic Anhydrases Implicated in Glaucoma and in Vivo Profiling of Their Intraocular Pressure-Lowering Action. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3317-3326.	6.4	33
21	A carbon monoxide-releasing molecule (CORM-3) abrogates polymorphonuclear granulocyte-induced activation of endothelial cells and mast cells. <i>FASEB Journal</i> , 2008, 22, 3380-3388.	0.5	29
22	2-Benzylpiperazine: A new scaffold for potent human carbonic anhydrase inhibitors. Synthesis, enzyme inhibition, enantioselectivity, computational and crystallographic studies and in vivo activity for a new class of intraocular pressure lowering agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 151, 363-375.	5.5	29
23	INTERACTION OF HISTAMINE H ₁ -AND H ₂ -RECEPTOR ANTAGONISTS WITH HISTAMINE UPTAKE AND METABOLISM BY GUINEA PIG ISOLATED ATRIUM AND MOUSE NEOPLASTIC MAST CELLS <i>in vitro</i> . <i>British Journal of Pharmacology</i> , 1975, 53, 569-574.	5.4	27
24	Histamine H ₄ receptor agonist-induced relief from painful peripheral neuropathy is mediated by inhibition of spinal neuroinflammation and oxidative stress. <i>British Journal of Pharmacology</i> , 2017, 174, 28-40.	5.4	27
25	Bioisosteric Development of Multitarget Nonsteroidal Anti-Inflammatory Drug-Carbonic Anhydrases Inhibitor Hybrids for the Management of Rheumatoid Arthritis. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2325-2342.	6.4	26
26	Haeme oxygenase-1 and cardiac anaphylaxis. <i>British Journal of Pharmacology</i> , 2001, 134, 1689-1696.	5.4	25
27	Prevention of Bleomycin-Induced Lung Inflammation and Fibrosis in Mice by Naproxen and JNJ7777120 Treatment. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 351, 308-316.	2.5	22
28	Prevention of Bleomycin-Induced Lung Fibrosis in Mice by a Novel Approach of Parallel Inhibition of Cyclooxygenase and Nitric-Oxide Donation Using NCX 466, a Prototype Cyclooxygenase Inhibitor and Nitric-Oxide Donor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 341, 493-499.	2.5	21
29	BENEFICIAL EFFECTS OF A PLANT HISTAMINASE IN A RAT MODEL OF SPLANCHNIC ARTERY OCCLUSION AND REPERFUSION. <i>Shock</i> , 2007, 27, 409-415.	2.1	20
30	Role of histamine H ₄ receptor ligands in bleomycin-induced pulmonary fibrosis. <i>Pharmacological Research</i> , 2016, 111, 740-748.	7.1	20
31	Plasmatic carbonic anhydrase IX as a diagnostic marker for clear cell renal cell carcinoma. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 234-240.	5.2	17
32	Protection from Cigarette Smoke-Induced Lung Dysfunction and Damage by H ₂ Relaxin (Serelaxin). <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 357, 451-458.	2.5	16
33	Role of Histamine H ₃ Receptor Antagonists on Intraocular Pressure Reduction in Rabbit Models of Transient Ocular Hypertension and Glaucoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 981.	4.1	16
34	Pharmacokinetics and local safety profile of propranolol eye drops in rabbits. <i>Pediatric Research</i> , 2014, 76, 378-385.	2.3	14
35	Effect of a plant histaminase on asthmalike reaction induced by inhaled antigen in sensitized guinea pig. <i>European Journal of Pharmacology</i> , 2004, 502, 253-264.	3.5	13
36	Histamine Regulates Actin Cytoskeleton in Human Toll-like Receptor 4-activated Monocyte-derived Dendritic Cells Tuning CD4 ⁺ T Lymphocyte Response. <i>Journal of Biological Chemistry</i> , 2016, 291, 14803-14814.	3.4	13

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37	Pea Seedling Histaminase as a Novel Therapeutic Approach to Anaphylactic and Inflammatory Disorders. <i>Scientific World Journal, The</i> , 2007, 7, 888-902.	2.1	12
38	Targeting Serotonin 2A and Adrenergic α_1 Receptors for Ocular Antihypertensive Agents: Discovery of 3,4-Dihydropyrazino[1,2-b]indazol-1(2H)-one Derivatives. <i>ChemMedChem</i> , 2018, 13, 1597-1607.	3.2	12
39	Effects of New NSAID-CAI Hybrid Compounds in Inflammation and Lung Fibrosis. <i>Biomolecules</i> , 2020, 10, 1307.	4.0	11
40	Anti-inflammatory effects of low molecular weight heparin derivative in a rat model of carrageenan-induced pleurisy. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 2704-2712.	3.6	11
41	A Selective Histamine H4 Receptor Antagonist, JNJ7777120, Is Protective in a Rat Model of Transient Cerebral Ischemia. <i>Frontiers in Pharmacology</i> , 2018, 9, 1231.	3.5	10
42	Effects of PARP-1 Deficiency and Histamine H4 Receptor Inhibition in an Inflammatory Model of Lung Fibrosis in Mice. <i>Frontiers in Pharmacology</i> , 2019, 10, 525.	3.5	10
43	One-Pot Procedure for the Synthesis of Asymmetric Substituted Ureido Benzene Sulfonamides as Effective Inhibitors of Carbonic Anhydrase Enzymes. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 824-837.	6.4	8
44	NCX 667, a Novel Nitric Oxide Donor, Lowers Intraocular Pressure in Rabbits, Dogs, and Non-Human Primates and Enhances TGF β 2-Induced Outflow in HTM/HSC Constructs. , 2021, 62, 17.		7
45	Histamine H4 receptor stimulation in the locus coeruleus attenuates neuropathic pain by promoting the coeruleospinal noradrenergic inhibitory pathway. <i>European Journal of Pharmacology</i> , 2020, 868, 172859.	3.5	6
46	The Histamine H4 Receptor Participates in the Anti-Neuropathic Effect of the Adenosine A3 Receptor Agonist IB-MECA: Role of CD4+ T Cells. <i>Biomolecules</i> , 2021, 11, 1447.	4.0	6
47	Methadone Dose Adjustments, Plasma R-Methadone Levels and Therapeutic Outcome of Heroin Users: A Randomized Clinical Trial. <i>European Addiction Research</i> , 2018, 24, 9-18.	2.4	5
48	Novel Insight of Histamine and Its Receptor Ligands in Glaucoma and Retina Neuroprotection. <i>Biomolecules</i> , 2021, 11, 1186.	4.0	2
49	D-Tagatose Feeding Reduces the Risk of Sugar-Induced Exacerbation of Myocardial I/R Injury When Compared to Its Isomer Fructose. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 650962.	3.5	1
50	New Insight in Histamine Functions. <i>Biomolecules</i> , 2022, 12, 609.	4.0	1