

Laura Raimondi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83
papers

2,026
citations

23
h-index

42
g-index

92
ext. papers

2,226
ext. citations

6.2
avg, IF

4.2
L-index

#	Paper	IF	Citations
83	Prolonged n-3 polyunsaturated fatty acid supplementation ameliorates hepatic steatosis in patients with non-alcoholic fatty liver disease: a pilot study. <i>Alimentary Pharmacology and Therapeutics</i> , 2006 , 23, 1143-51	6.1	318
82	Oxidative stress by monoamine oxidase mediates receptor-independent cardiomyocyte apoptosis by serotonin and postischemic myocardial injury. <i>Circulation</i> , 2005 , 112, 3297-305	16.7	200
81	Elevated serum semicarbazide-sensitive amine oxidase activity in non-insulin-dependent diabetes mellitus: correlation with body mass index and serum triglyceride. <i>Metabolism: Clinical and Experimental</i> , 1999 , 48, 113-7	12.7	93
80	Sodium-dependent glucose transporters (SGLT) in human ischemic heart: A new potential pharmacological target. <i>International Journal of Cardiology</i> , 2017 , 243, 86-90	3.2	80
79	Nitric oxide/reactive oxygen species generation and nitroso/redox imbalance in heart failure: from molecular mechanisms to therapeutic implications. <i>Antioxidants and Redox Signaling</i> , 2011 , 14, 289-331	8.4	67
78	Dipeptidyl peptidase-IV expression and activity in human glomerular endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 310, 28-31	3.4	67
77	The critical role of the proximal calcium ion in the structural properties of horseradish peroxidase. <i>Journal of Biological Chemistry</i> , 2001 , 276, 40704-11	5.4	58
76	The MDR phenotype is associated with the expression of COX-2 and iNOS in a human hepatocellular carcinoma cell line. <i>Hepatology</i> , 2002 , 35, 843-52	11.2	55
75	Protection against ultraviolet B-induced oxidative DNA damage in rabbit corneal-derived cells (SIRC) by 4-coumaric acid. <i>Toxicology</i> , 2003 , 184, 141-7	4.4	53
74	Pharmacological effects of 3-iodothyronamine (T1AM) in mice include facilitation of memory acquisition and retention and reduction of pain threshold. <i>British Journal of Pharmacology</i> , 2013 , 168, 354-62	8.6	52
73	3-Iodothyronamine: a modulator of the hypothalamus-pancreas-thyroid axes in mice. <i>British Journal of Pharmacology</i> , 2012 , 166, 650-8	8.6	46
72	Long-term treatment with Sitagliptin, a dipeptidyl peptidase-4 inhibitor, reduces colon carcinogenesis and reactive oxygen species in 1,2-dimethylhydrazine-induced rats. <i>International Journal of Cancer</i> , 2013 , 133, 2498-503	7.5	43
71	Restoration of cardiomyocyte functional properties by angiotensin II receptor blockade in diabetic rats. <i>Diabetes</i> , 2004 , 53, 1927-33	0.9	39
70	Isolation and pharmacological activities of the Tecoma stans alkaloids. <i>Il Farmaco</i> , 2003 , 58, 781-5		39
69	In the brain of mice, 3-iodothyronamine (T1AM) is converted into 3-iodothyroacetic acid (TA1) and it is included within the signaling network connecting thyroid hormone metabolites with histamine. <i>European Journal of Pharmacology</i> , 2015 , 761, 130-4	5.3	32
68	Histamine mediates behavioural and metabolic effects of 3-iodothyroacetic acid, an endogenous end product of thyroid hormone metabolism. <i>British Journal of Pharmacology</i> , 2014 , 171, 3476-84	8.6	31
67	Design, Synthesis, and Evaluation of Thyronamine Analogues as Novel Potent Mouse Trace Amine Associated Receptor 1 (mTAAR1) Agonists. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 5096-107	8.3	31

66	Skin wound healing: some biochemical parameters in guinea-pig. <i>Journal of Pharmacy and Pharmacology</i> , 1993 , 45, 784-90	4.8	30
65	Hypofunctionality of Gi proteins as aetiopathogenic mechanism for migraine and cluster headache. <i>Cephalalgia</i> , 2001 , 21, 38-45	6.1	30
64	2-Phenylpyrazolo[1,5-a]pyrimidin-7-ones. A new class of nonsteroidal antiinflammatory drugs devoid of ulcerogenic activity. <i>Journal of Medicinal Chemistry</i> , 1983 , 26, 1706-9	8.3	29
63	Antioxidant protection in cultured corneal cells and whole corneas submitted to UV-B exposure. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2003 , 71, 59-68	6.7	27
62	Monoamine Oxidase Is Overactivated in Left and Right Ventricles from Ischemic Hearts: An Intriguing Therapeutic Target. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 4375418	6.7	25
61	New Insights into the Potential Roles of 3-Iodothyronamine (T1AM) and Newly Developed Thyronamine-Like TAAR1 Agonists in Neuroprotection. <i>Frontiers in Pharmacology</i> , 2017 , 8, 905	5.6	24
60	Taurine prevents streptozotocin impairment of hormone-stimulated glucose uptake in rat adipocytes. <i>European Journal of Pharmacology</i> , 2004 , 495, 209-15	5.3	21
59	n-3 polyunsaturated fatty acids supplementation decreases asymmetric dimethyl arginine and arachidonate accumulation in aging spontaneously hypertensive rats. <i>European Journal of Nutrition</i> , 2005 , 44, 327-33	5.2	19
58	Losartan counteracts the hyper-reactivity to angiotensin II and ROCK1 over-activation in aortas isolated from streptozotocin-injected diabetic rats. <i>Cardiovascular Diabetology</i> , 2009 , 8, 32	8.7	18
57	Hydrogen peroxide generation by monoamine oxidases in rat white adipocytes: role on cAMP production. <i>European Journal of Pharmacology</i> , 2000 , 395, 177-82	5.3	18
56	Pharmacological perspectives in sarcopenia: a potential role for renin-angiotensin system blockers?. <i>Clinical Cases in Mineral and Bone Metabolism</i> , 2015 , 12, 135-8		18
55	3-iodothyroacetic acid, a metabolite of thyroid hormone, induces itch and reduces threshold to noxious and to painful heat stimuli in mice. <i>British Journal of Pharmacology</i> , 2015 , 172, 1859-68	8.6	17
54	Apoptosis induced by sulindac sulfide in epithelial and mesenchymal cells from human abdominal neoplasms. <i>European Journal of Pharmacology</i> , 1998 , 360, 105-12	5.3	17
53	Methylamine-dependent release of nitric oxide and dopamine in the CNS modulates food intake in fasting rats. <i>British Journal of Pharmacology</i> , 2007 , 150, 1003-10	8.6	17
52	Hit-to-Lead Optimization of Mouse Trace Amine Associated Receptor 1 (mTAAR1) Agonists with a Diphenylmethane-Scaffold: Design, Synthesis, and Biological Study. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 9825-9836	8.3	17
51	3-iodothyronamine (T1AM), a novel antagonist of muscarinic receptors. <i>European Journal of Pharmacology</i> , 2016 , 793, 35-42	5.3	16
50	Exposure of cardiomyocytes to angiotensin II induces over-activation of monoamine oxidase type A: implications in heart failure. <i>European Journal of Pharmacology</i> , 2013 , 718, 271-6	5.3	16
49	The protective effect of losartan in the nephropathy of the diabetic rat includes the control of monoamine oxidase type A activity. <i>Pharmacological Research</i> , 2012 , 65, 465-71	10.2	16

48	Losartan reduces oxidative damage to renal DNA and conserves plasma antioxidant capacity in diabetic rats. <i>Experimental Biology and Medicine</i> , 2015 , 240, 1500-4	3.7	15
47	Gender-related drug effect on several markers of oxidation stress in diabetes patients with and without complications. <i>European Journal of Pharmacology</i> , 2015 , 766, 86-90	5.3	15
46	Anticonvulsant and Neuroprotective Effects of the Thyroid Hormone Metabolite 3-Iodothyroacetic Acid. <i>Thyroid</i> , 2018 , 28, 1387-1397	6.2	14
45	Lipid and protein oxidation products, antioxidant status and vascular complications in poorly controlled type 2 diabetes. <i>British Journal of Diabetes and Vascular Disease</i> , 2012 , 12, 33-39		14
44	Functional coupling of angiotensin II type 1 receptor with insulin resistance of energy substrate uptakes in immortalized cardiomyocytes (HL-1 cells). <i>British Journal of Pharmacology</i> , 2008 , 153, 907-14	8.6	14
43	The impact of scopolamine pretreatment on 3-iodothyronamine (T1AM) effects on memory and pain in mice. <i>Hormones and Behavior</i> , 2017 , 94, 93-96	3.7	14
42	Antisense knockdown of the Shaker-like Kv1.1 gene abolishes the central stimulatory effects of amphetamines in mice and rats. <i>Neuropsychopharmacology</i> , 2003 , 28, 1096-105	8.7	13
41	The pro-healing effect of exendin-4 on wounds produced by abrasion in normoglycemic mice. <i>European Journal of Pharmacology</i> , 2015 , 764, 346-352	5.3	12
40	N-Formylmethionyl-leucyl-phenylalanine: Different releasing effects on human neutrophils and rat mast cells. <i>Agents and Actions</i> , 1983 , 13, 218-21		12
39	Which is the main molecular target responsible for the cardiovascular benefits in the EMPA-REG OUTCOME trial? A journey through the kidney, the heart and other interesting places. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016 , 26, 1071-1078	4.5	12
38	Central Effects of 3-Iodothyronamine Reveal a Novel Role for Mitochondrial Monoamine Oxidases. <i>Frontiers in Endocrinology</i> , 2018 , 9, 290	5.7	11
37	Sustained exendin-4 secretion through gene therapy targeting salivary glands in two different rodent models of obesity/type 2 diabetes. <i>PLoS ONE</i> , 2012 , 7, e40074	3.7	11
36	Activity and expression of semicarbazide-sensitive benzylamine oxidase in a rodent model of diabetes: interactive effects with methylamine and alpha-aminoguanidine. <i>European Journal of Pharmacology</i> , 2006 , 529, 179-87	5.3	11
35	Methylamine, but not ammonia, is hypophagic in mouse by interaction with brain Kv1.6 channel subtype. <i>British Journal of Pharmacology</i> , 2004 , 142, 381-9	8.6	11
34	The effect of losartan treatment on the response of diabetic cardiomyocytes to ATP depletion. <i>Pharmacological Research</i> , 2011 , 63, 225-32	10.2	10
33	Semicarbazide-sensitive amine oxidase activity in white adipose tissue of the insulin-deficient rat. <i>Journal of Pharmacy and Pharmacology</i> , 1995 , 47, 420-4	4.8	10
32	Benzylamine-related compounds stimulate rat vas deferens neurotransmission and potentiate memory in the mouse acting as potassium channel blockers. <i>Pharmacological Research</i> , 2000 , 41, 151-62	10.2	10
31	Metabolism of methylamine by semicarbazide-sensitive amine oxidase in white and brown adipose tissue of the rat. <i>Biochemical Pharmacology</i> , 1993 , 46, 603-7	6	10

30	The polysaccharide from <i>Tamarindus indica</i> (TS-polysaccharide) protects cultured corneal-derived cells (SIRC cells) from ultraviolet rays. <i>Journal of Pharmacy and Pharmacology</i> , 2003 , 55, 333-8	4.8	9
29	N-(3-Ethoxy-phenyl)-4-pyrrolidin-1-yl-3-trifluoromethyl-benzamide (EPPTB) prevents 3-iodothyronamine (T1AM)-induced neuroprotection against kainic acid toxicity. <i>Neurochemistry International</i> , 2019 , 129, 104460	4.4	8
28	Immunosuppressive activity of 13-cis-retinoic acid in rats: aspects of pharmacokinetics and pharmacodynamics. <i>Immunopharmacology</i> , 1997 , 37, 191-7		8
27	The role of semicarbazide-sensitive amine oxidase with a high affinity for benzylamine (Bz. SSAO) in the catabolism of histamine in the mesenteric arterial bed of the rat. <i>Agents and Actions</i> , 1994 , 42, 1-6		8
26	Angiotensin-II Drives Human Satellite Cells Toward Hypertrophy and Myofibroblast Trans-Differentiation by Two Independent Pathways. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	7
25	The direct stimulation of Gi proteins by neuropeptide Y (NPY) in the rat left ventricle. <i>Biochemical Pharmacology</i> , 2002 , 63, 2063-8	6	7
24	Selective inhibition of amine oxidases differently potentiate the hypophagic effect of benzylamine in mice. <i>European Journal of Pharmacology</i> , 2001 , 413, 91-9	5.3	7
23	Calcium modulatory properties of 2,6-dibutylbenzylamine (B25) in rat isolated vas deferens, cardiac and smooth muscle preparations. <i>British Journal of Pharmacology</i> , 1993 , 109, 1038-45	8.6	7
22	Thyroid Hormone, Thyroid Hormone Metabolites and Mast Cells: A Less Explored Issue. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 79	6.1	6
21	Square-edge intraocular lenses and epithelial lens cell proliferation: implications on posterior capsule opacification in an in vitro model. <i>BMC Ophthalmology</i> , 2015 , 15, 5	2.3	6
20	3-Iodothyroacetic acid (TA), a by-product of thyroid hormone metabolism, reduces the hypnotic effect of ethanol without interacting at GABA-A receptors. <i>Neurochemistry International</i> , 2018 , 115, 31-36	4.4	6
19	Some problems with the diamine oxidase (DAO) assay using putrescine as substrate in rat liver. <i>Agents and Actions</i> , 1993 , 39, 6-12		6
18	The histaminase activity of rat white adipocytes. <i>Inflammation Research</i> , 1997 , 46, 125-31	7.2	5
17	Increased desensitization by picomolar phorbol ester of the endothelium-mediated effect of histamine in the perfused rat mesenteric bed. <i>Inflammation Research</i> , 1996 , 45, 171-5	7.2	5
16	Lysosomal enzymes in experimental allergic encephalomyelitis: time course and evidence of the source. <i>Neurochemical Research</i> , 1988 , 13, 165-9	4.6	5
15	The reduction of food intake induced in mice by benzylamine and its derivatives. <i>Inflammopharmacology</i> , 2003 , 11, 189-94	5.1	4
14	Pharmacological Inhibition of Serine Proteases to Reduce Cardiac Inflammation and Fibrosis in Atrial Fibrillation. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1420	5.6	4
13	3-Iodothyronamine Affects Thermogenic Substrates Mobilization in Brown Adipocytes. <i>Biology</i> , 2020 , 9,	4.9	3

12	Commentary: Torpor: The Rise and Fall of 3-Monoiodothyronamine From Brain to Gut-From Gut to Brain?. <i>Frontiers in Endocrinology</i> , 2017 , 8, 206	5.7	3
11	4-methyl benzylamine stimulates food consumption and counteracts the hypophagic effects of amphetamine acting on brain Shaker-like Kv1.1 channels. <i>British Journal of Pharmacology</i> , 2006 , 147, 218-24	8.6	3
10	Commentary: 3-Iodothyronamine Reduces Insulin Secretion In Vitro via a Mitochondrial Mechanism. <i>Frontiers in Endocrinology</i> , 2018 , 9, 57	5.7	2
9	Copper and some growth factors on skin healing. <i>Pharmacological Research</i> , 1992 , 26, 204	10.2	2
8	Brain Histamine Modulates the Antidepressant-Like Effect of the 3-Iodothyroacetic Acid (TA1). <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 176	6.1	1
7	Endogenous substrates of the semicarbazide-sensitive amine oxidase increased nitric oxide production in rat white adipocytes. <i>Inflammation Research</i> , 2008 , 57 Suppl 1, S53-4	7.2	1
6	Histaminase activity in rat lung. <i>Pharmacological Research</i> , 1990 , 22, 248	10.2	1
5	3-Iodothyronamine, a New Chapter in Thyroid Story 2016 , 309-318		1
4	Commentary: Euthyroid Sick Syndrome in Patients With COVID-19. <i>Frontiers in Endocrinology</i> , 2021 , 12, 633097	5.7	1
3	The 3-iodothyronamine (T1AM) and the 3-iodothyroacetic acid (TA1) indicate a novel connection with the histamine system for neuroprotection. <i>European Journal of Pharmacology</i> , 2021 , 912, 174606	5.3	0
2	Some histamine-related compounds interacting with the benzylamine-oxidizing activity of rat white adipocytes. <i>Journal of Pharmacy and Pharmacology</i> , 1997 , 49, 542-50	4.8	
1	Stereoselective Synthesis of Chiral β -CF ₃ - β -Ketoesters Featuring a Quaternary Stereocenter. <i>Symmetry</i> , 2021 , 13, 92	2.7	