

# Laura Raimondi

## List of Publications by Year in Descending Order

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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 | 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> , <b>2021</b> , 912, 174606                  | 5.3 | 0         |
| 82 | Stereoselective Synthesis of Chiral $\beta$ -CF <sub>3</sub> - $\beta$ -Ketoesters Featuring a Quaternary Stereocenter. <i>Symmetry</i> , <b>2021</b> , 13, 92  | 2.7 |           |
| 81 | Commentary: Euthyroid Sick Syndrome in Patients With COVID-19. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 633097   | 5.7 | 1         |
| 80 | 3-Iodothyronamine Affects Thermogenic Substrates Mobilization in Brown Adipocytes. <i>Biology</i> , <b>2020</b> , 9,  | 4.9 | 3         |
| 79 | Angiotensin-II Drives Human Satellite Cells Toward Hypertrophy and Myofibroblast Trans-Differentiation by Two Independent Pathways. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,                        | 6.3 | 7         |
| 78 | Brain Histamine Modulates the Antidepressant-Like Effect of the 3-Iodothyroacetic Acid (TA1). <i>Frontiers in Cellular Neuroscience</i> , <b>2019</b> , 13, 176   | 6.1 | 1         |
| 77 | 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> , <b>2019</b> , 129, 104460 | 4.4 | 8         |
| 76 | Thyroid Hormone, Thyroid Hormone Metabolites and Mast Cells: A Less Explored Issue. <i>Frontiers in Cellular Neuroscience</i> , <b>2019</b> , 13, 79  | 6.1 | 6         |
| 75 | Pharmacological Inhibition of Serine Proteases to Reduce Cardiac Inflammation and Fibrosis in Atrial Fibrillation. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 1420  | 5.6 | 4         |
| 74 | 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> , <b>2018</b> , 115, 31-36           | 4.4 | 6         |
| 73 | Commentary: 3-Iodothyronamine Reduces Insulin Secretion In Vitro via a Mitochondrial Mechanism. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 57   | 5.7 | 2         |
| 72 | Central Effects of 3-Iodothyronamine Reveal a Novel Role for Mitochondrial Monoamine Oxidases. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 290   | 5.7 | 11        |
| 71 | Anticonvulsant and Neuroprotective Effects of the Thyroid Hormone Metabolite 3-Iodothyroacetic Acid. <i>Thyroid</i> , <b>2018</b> , 28, 1387-1397   | 6.2 | 14        |
| 70 | Sodium-dependent glucose transporters (SGLT) in human ischemic heart: A new potential pharmacological target. <i>International Journal of Cardiology</i> , <b>2017</b> , 243, 86-90   | 3.2 | 80        |
| 69 | New Insights into the Potential Roles of 3-Iodothyronamine (T1AM) and Newly Developed Thyronamine-Like TAAR1 Agonists in Neuroprotection. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 905                                 | 5.6 | 24        |
| 68 | Commentary: Torpor: The Rise and Fall of 3-Monoiodothyronamine from Brain to Gut-From Gut to Brain?. <i>Frontiers in Endocrinology</i> , <b>2017</b> , 8, 206   | 5.7 | 3         |
| 67 | The impact of scopolamine pretreatment on 3-iodothyronamine (T1AM) effects on memory and pain in mice. <i>Hormones and Behavior</i> , <b>2017</b> , 94, 93-96   | 3.7 | 14        |

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| 66 | 3-iodothyronamine (T1AM), a novel antagonist of muscarinic receptors. <i>European Journal of Pharmacology</i> , <b>2016</b> , 793, 35-42   | 5.3 | 16 |
| 65 | Monoamine Oxidase Is Overactivated in Left and Right Ventricles from Ischemic Hearts: An Intriguing Therapeutic Target. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2016</b> , 2016, 4375418   | 6.7 | 25 |
| 64 | 3-Iodothyronamine, a New Chapter in Thyroid Story <b>2016</b> , 309-318  |     | 1  |
| 63 | 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> , <b>2016</b> , 59, 9825-9836  | 8.3 | 17 |
| 62 | 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> , <b>2016</b> , 26, 1071-1078 | 4.5 | 12 |
| 61 | Losartan reduces oxidative damage to renal DNA and conserves plasma antioxidant capacity in diabetic rats. <i>Experimental Biology and Medicine</i> , <b>2015</b> , 240, 1500-4  | 3.7 | 15 |
| 60 | The pro-healing effect of exendin-4 on wounds produced by abrasion in normoglycemic mice. <i>European Journal of Pharmacology</i> , <b>2015</b> , 764, 346-352   | 5.3 | 12 |
| 59 | Square-edge intraocular lenses and epithelial lens cell proliferation: implications on posterior capsule opacification in an in vitro model. <i>BMC Ophthalmology</i> , <b>2015</b> , 15, 5  | 2.3 | 6  |
| 58 | 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> , <b>2015</b> , 761, 130-4    | 5.3 | 32 |
| 57 | 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> , <b>2015</b> , 172, 1859-68  | 8.6 | 17 |
| 56 | Gender-related drug effect on several markers of oxidation stress in diabetes patients with and without complications. <i>European Journal of Pharmacology</i> , <b>2015</b> , 766, 86-90  | 5.3 | 15 |
| 55 | Design, Synthesis, and Evaluation of Thyronamine Analogues as Novel Potent Mouse Trace Amine Associated Receptor 1 (mTAAR1) Agonists. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 5096-107   | 8.3 | 31 |
| 54 | Pharmacological perspectives in sarcopenia: a potential role for renin-angiotensin system blockers?. <i>Clinical Cases in Mineral and Bone Metabolism</i> , <b>2015</b> , 12, 135-8  |     | 18 |
| 53 | Histamine mediates behavioural and metabolic effects of 3-iodothyroacetic acid, an endogenous end product of thyroid hormone metabolism. <i>British Journal of Pharmacology</i> , <b>2014</b> , 171, 3476-84   | 8.6 | 31 |
| 52 | Exposure of cardiomyocytes to angiotensin II induces over-activation of monoamine oxidase type A: implications in heart failure. <i>European Journal of Pharmacology</i> , <b>2013</b> , 718, 271-6  | 5.3 | 16 |
| 51 | 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> , <b>2013</b> , 168, 354-62   | 8.6 | 52 |
| 50 | 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> , <b>2013</b> , 133, 2498-503                             | 7.5 | 43 |
| 49 | 3-Iodothyronamine: a modulator of the hypothalamus-pancreas-thyroid axes in mice. <i>British Journal of Pharmacology</i> , <b>2012</b> , 166, 650-8  | 8.6 | 46 |

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|----|--|------|-----|
| 48 | 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> , <b>2012</b> , 65, 465-71   | 10.2 | 16  |
| 47 | Sustained exendin-4 secretion through gene therapy targeting salivary glands in two different rodent models of obesity/type 2 diabetes. <i>PLoS ONE</i> , <b>2012</b> , 7, e40074  | 3.7  | 11  |
| 46 | 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> , <b>2012</b> , 12, 33-39                              |      | 14  |
| 45 | The effect of losartan treatment on the response of diabetic cardiomyocytes to ATP depletion. <i>Pharmacological Research</i> , <b>2011</b> , 63, 225-32   | 10.2 | 10  |
| 44 | 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> , <b>2011</b> , 14, 289-331                 | 8.4  | 67  |
| 43 | Losartan counteracts the hyper-reactivity to angiotensin II and ROCK1 over-activation in aortas isolated from streptozotocin-injected diabetic rats. <i>Cardiovascular Diabetology</i> , <b>2009</b> , 8, 32                             | 8.7  | 18  |
| 42 | 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> , <b>2008</b> , 153, 907-14                | 8.6  | 14  |
| 41 | Endogenous substrates of the semicarbazide-sensitive amine oxidase increased nitric oxide production in rat white adipocytes. <i>Inflammation Research</i> , <b>2008</b> , 57 Suppl 1, S53-4   | 7.2  | 1   |
| 40 | Methylamine-dependent release of nitric oxide and dopamine in the CNS modulates food intake in fasting rats. <i>British Journal of Pharmacology</i> , <b>2007</b> , 150, 1003-10   | 8.6  | 17  |
| 39 | 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> , <b>2006</b> , 529, 179-87 | 5.3  | 11  |
| 38 | 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> , <b>2006</b> , 23, 1143-51    | 6.1  | 318 |
| 37 | 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> , <b>2006</b> , 147, 218-24                    | 8.6  | 3   |
| 36 | Oxidative stress by monoamine oxidase mediates receptor-independent cardiomyocyte apoptosis by serotonin and postischemic myocardial injury. <i>Circulation</i> , <b>2005</b> , 112, 3297-305  | 16.7 | 200 |
| 35 | n-3 polyunsaturated fatty acids supplementation decreases asymmetric dimethyl arginine and arachidonate accumulation in aging spontaneously hypertensive rats. <i>European Journal of Nutrition</i> , <b>2005</b> , 44, 327-33           | 5.2  | 19  |
| 34 | Restoration of cardiomyocyte functional properties by angiotensin II receptor blockade in diabetic rats. <i>Diabetes</i> , <b>2004</b> , 53, 1927-33   | 0.9  | 39  |
| 33 | Methylamine, but not ammonia, is hypophagic in mouse by interaction with brain Kv1.6 channel subtype. <i>British Journal of Pharmacology</i> , <b>2004</b> , 142, 381-9  | 8.6  | 11  |
| 32 | Taurine prevents streptozotocin impairment of hormone-stimulated glucose uptake in rat adipocytes. <i>European Journal of Pharmacology</i> , <b>2004</b> , 495, 209-15   | 5.3  | 21  |
| 31 | 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> , <b>2003</b> , 55, 333-8                   | 4.8  | 9   |

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|----|---|------|----|
| 30 | Antisense knockdown of the Shaker-like Kv1.1 gene abolishes the central stimulatory effects of amphetamines in mice and rats. <i>Neuropsychopharmacology</i> , <b>2003</b> , 28, 1096-105   | 8.7  | 13 |
| 29 | The reduction of food intake induced in mice by benzylamine and its derivatives. <i>Inflammopharmacology</i> , <b>2003</b> , 11, 189-94   | 5.1  | 4  |
| 28 | Isolation and pharmacological activities of the Tecoma stans alkaloids. <i>Il Farmaco</i> , <b>2003</b> , 58, 781-5   |      | 39 |
| 27 | Antioxidant protection in cultured corneal cells and whole corneas submitted to UV-B exposure. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2003</b> , 71, 59-68   | 6.7  | 27 |
| 26 | Protection against ultraviolet B-induced oxidative DNA damage in rabbit corneal-derived cells (SIRC) by 4-coumaric acid. <i>Toxicology</i> , <b>2003</b> , 184, 141-7   | 4.4  | 53 |
| 25 | Dipeptidyl peptidase-IV expression and activity in human glomerular endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 310, 28-31  | 3.4  | 67 |
| 24 | The direct stimulation of Gi proteins by neuropeptide Y (NPY) in the rat left ventricle. <i>Biochemical Pharmacology</i> , <b>2002</b> , 63, 2063-8   | 6    | 7  |
| 23 | The MDR phenotype is associated with the expression of COX-2 and iNOS in a human hepatocellular carcinoma cell line. <i>Hepatology</i> , <b>2002</b> , 35, 843-52   | 11.2 | 55 |
| 22 | Hypofunctionality of Gi proteins as aetiopathogenic mechanism for migraine and cluster headache. <i>Cephalalgia</i> , <b>2001</b> , 21, 38-45   | 6.1  | 30 |
| 21 | Selective inhibition of amine oxidases differently potentiate the hypophagic effect of benzylamine in mice. <i>European Journal of Pharmacology</i> , <b>2001</b> , 413, 91-9   | 5.3  | 7  |
| 20 | The critical role of the proximal calcium ion in the structural properties of horseradish peroxidase. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 40704-11  | 5.4  | 58 |
| 19 | Hydrogen peroxide generation by monoamine oxidases in rat white adipocytes: role on cAMP production. <i>European Journal of Pharmacology</i> , <b>2000</b> , 395, 177-82  | 5.3  | 18 |
| 18 | Benzylamine-related compounds stimulate rat vas deferens neurotransmission and potentiate memory in the mouse acting as potassium channel blockers. <i>Pharmacological Research</i> , <b>2000</b> , 41, 151-62                            | 10.2 | 10 |
| 17 | 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> , <b>1999</b> , 48, 113-7 | 12.7 | 93 |
| 16 | Apoptosis induced by sulindac sulfide in epithelial and mesenchymal cells from human abdominal neoplasms. <i>European Journal of Pharmacology</i> , <b>1998</b> , 360, 105-12   | 5.3  | 17 |
| 15 | Some histamine-related compounds interacting with the benzylamine-oxidizing activity of rat white adipocytes. <i>Journal of Pharmacy and Pharmacology</i> , <b>1997</b> , 49, 542-50  | 4.8  |    |
| 14 | The histaminase activity of rat white adipocytes. <i>Inflammation Research</i> , <b>1997</b> , 46, 125-31   | 7.2  | 5  |
| 13 | Immunosuppressive activity of 13-cis-retinoic acid in rats: aspects of pharmacokinetics and pharmacodynamics. <i>Immunopharmacology</i> , <b>1997</b> , 37, 191-7   |      | 8  |

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|----|---|------|----|
| 12 | Increased desensitization by picomolar phorbol ester of the endothelium-mediated effect of histamine in the perfused rat mesenteric bed. <i>Inflammation Research</i> , <b>1996</b> , 45, 171-5                               | 7.2  | 5  |
| 11 | Semicarbazide-sensitive amine oxidase activity in white adipose tissue of the insulin-deficient rat. <i>Journal of Pharmacy and Pharmacology</i> , <b>1995</b> , 47, 420-4  | 4.8  | 10 |
| 10 | 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> , <b>1994</b> , 42, 1-6 |      | 8  |
| 9  | Skin wound healing: some biochemical parameters in guinea-pig. <i>Journal of Pharmacy and Pharmacology</i> , <b>1993</b> , 45, 784-90   | 4.8  | 30 |
| 8  | Calcium modulatory properties of 2,6-dibutylbenzylamine (B25) in rat isolated vas deferens, cardiac and smooth muscle preparations. <i>British Journal of Pharmacology</i> , <b>1993</b> , 109, 1038-45                       | 8.6  | 7  |
| 7  | Some problems with the diamine oxidase (DAO) assay using putrescine as substrate in rat liver. <i>Agents and Actions</i> , <b>1993</b> , 39, 6-12   |      | 6  |
| 6  | Metabolism of methylamine by semicarbazide-sensitive amine oxidase in white and brown adipose tissue of the rat. <i>Biochemical Pharmacology</i> , <b>1993</b> , 46, 603-7  | 6    | 10 |
| 5  | Copper and some growth factors on skin healing. <i>Pharmacological Research</i> , <b>1992</b> , 26, 204   | 10.2 | 2  |
| 4  | Histaminase activity in rat lung. <i>Pharmacological Research</i> , <b>1990</b> , 22, 248   | 10.2 | 1  |
| 3  | Lysosomal enzymes in experimental allergic encephalomyelitis: time course and evidence of the source. <i>Neurochemical Research</i> , <b>1988</b> , 13, 165-9   | 4.6  | 5  |
| 2  | 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> , <b>1983</b> , 26, 1706-9                                  | 8.3  | 29 |
| 1  | N-Formylmethionyl-leucyl-phenylalanine: Different releasing effects on human neutrophils and rat mast cells. <i>Agents and Actions</i> , <b>1983</b> , 13, 218-21   |      | 12 |