

# Constantinos Pantos

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

2,115  
citations

185998

28  
h-index

264894

42  
g-index

88  
all docs

88  
docs citations

88  
times ranked

1910  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term thyroid hormone administration reshapes left ventricular chamber and improves cardiac function after myocardial infarction in rats. <i>Basic Research in Cardiology</i> , 2008, 103, 308-318.	2.5	102
2	Thyroid hormone improves postischaemic recovery of function while limiting apoptosis: a new therapeutic approach to support hemodynamics in the setting of ischaemia-reperfusion?. <i>Basic Research in Cardiology</i> , 2009, 104, 69-77.	2.5	94
3	Thyroid hormone attenuates cardiac remodeling and improves hemodynamics early after acute myocardial infarction in rats. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 32, 333-339.	0.6	84
4	Protein kinase C and cardiac dysfunction: a review. <i>Heart Failure Reviews</i> , 2017, 22, 843-859.	1.7	81
5	Thyroid hormone and recovery of cardiac function in patients with acute myocardial infarction: a strong association?. <i>European Journal of Endocrinology</i> , 2011, 165, 107-114.	1.9	77
6	Thyroid Hormone Receptor $\beta$ 1 Downregulation in Postischemic Heart Failure Progression: The Potential Role of Tissue Hypothyroidism. <i>Hormone and Metabolic Research</i> , 2010, 42, 718-724.	0.7	65
7	Thyroid hormone and phenotypes of cardioprotection. <i>Basic Research in Cardiology</i> , 2004, 99, 101-120.	2.5	64
8	Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 2003, 242, 173-180.	1.4	56
9	Thyroid hormone and "cardiac metamorphosis" Potential therapeutic implications. , 2008, 118, 277-294.		55
10	Dose-dependent effects of thyroid hormone on post-ischemic cardiac performance: potential involvement of Akt and ERK signalings. <i>Molecular and Cellular Biochemistry</i> , 2012, 363, 235-243.	1.4	51
11	Thyroid hormone is a critical determinant of myocardial performance in patients with heart failure: potential therapeutic implications. <i>European Journal of Endocrinology</i> , 2007, 157, 515-520.	1.9	50
12	Acute T3 treatment protects the heart against ischemia-reperfusion injury via TR $\beta$ 1 receptor. <i>Molecular and Cellular Biochemistry</i> , 2011, 353, 235-241.	1.4	49
13	Thyroid hormone improves the mechanical performance of the post-infarcted diabetic myocardium: A response associated with up-regulation of Akt/mTOR and AMPK activation. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1387-1393.	1.5	49
14	Thyroxine pretreatment increases basal myocardial heat-shock protein 27 expression and accelerates translocation and phosphorylation of this protein upon ischaemia. <i>European Journal of Pharmacology</i> , 2003, 478, 53-60.	1.7	47
15	New insights into the role of thyroid hormone in cardiac remodeling: time to reconsider?. <i>Heart Failure Reviews</i> , 2011, 16, 79-96.	1.7	47
16	Changes in acetylcholinesterase, Na <sup>+</sup> ,K <sup>+</sup> -ATPase, and Mg <sup>2+</sup> -ATPase activities in the frontal cortex and the hippocampus of hyper- and hypothyroid adult rats. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 1104-1110.	1.5	46
17	Time-dependent changes in the expression of thyroid hormone receptor $\beta$ 1 in the myocardium after acute myocardial infarction: possible implications in cardiac remodelling. <i>European Journal of Endocrinology</i> , 2007, 156, 415-424.	1.9	43
18	Dronedarone Administration Prevents Body Weight Gain and Increases Tolerance of the Heart to Ischemic Stress: A Possible Involvement of Thyroid Hormone Receptor $\beta$ 1. <i>Thyroid</i> , 2005, 15, 16-23.	2.4	42

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19	Changes in Antioxidant Status, Protein Concentration, Acetylcholinesterase, (Na <sup>+</sup> ,K <sup>+</sup> )-, and Mg <sup>2+</sup> -ATPase Activities in the Brain of Hyper- and Hypothyroid Adult Rats. <i>Metabolic Brain Disease</i> , 2005, 20, 129-139.	1.4	38
20	Thyroid hormone signalling is altered in response to physical training in patients with end-stage heart failure and mechanical assist devices: potential physiological consequences?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013, 17, 664-668.	0.5	37
21	Thyroid hormone can favorably remodel the diabetic myocardium after acute myocardial infarction. <i>Molecular and Cellular Biochemistry</i> , 2010, 345, 161-169.	1.4	35
22	Inhibition of thyroid hormone receptor $\beta 1$ impairs post-ischemic cardiac performance after myocardial infarction in mice. <i>Molecular and Cellular Biochemistry</i> , 2013, 379, 97-105.	1.4	35
23	Thyroid Hormone and Cardiac Disease: From Basic Concepts to Clinical Application. <i>Journal of Thyroid Research</i> , 2011, 2011, 1-13.	0.5	33
24	Translating thyroid hormone effects into clinical practice: the relevance of thyroid hormone receptor $\beta 1$ in cardiac repair. <i>Heart Failure Reviews</i> , 2015, 20, 273-282.	1.7	32
25	The differential impact of volatile and intravenous anaesthetics on stress response in the swine. <i>Hormones</i> , 2010, 9, 67-75.	0.9	30
26	Enhanced tolerance of the rat myocardium to ischemia and reperfusion injury early after acute myocardial infarction. <i>Basic Research in Cardiology</i> , 2007, 102, 327-333.	2.5	29
27	Thyroid hormone and cardiac repair/regeneration: from Prometheus myth to reality?. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012, 90, 977-987.	0.7	29
28	Changes in Thyroid Hormone Receptors After Permanent Cerebral Ischemia in Male Rats. <i>Journal of Molecular Neuroscience</i> , 2014, 54, 78-91.	1.1	29
29	Rebuilding the post-infarcted myocardium by activating $\beta$ -adrenergic hypertrophic signaling pathways: the thyroid hormone paradigm. <i>Heart Failure Reviews</i> , 2010, 15, 143-154.	1.7	28
30	The effect of slow spaced eating on hunger and satiety in overweight and obese patients with type 2 diabetes mellitus. <i>BMJ Open Diabetes Research and Care</i> , 2014, 2, e000013.	1.2	28
31	Triiodothyronine for the treatment of critically ill patients with COVID-19 infection: A structured summary of a study protocol for a randomised controlled trial. <i>Trials</i> , 2020, 21, 573.	0.7	28
32	Effects of dronedarone and amiodarone on plasma thyroid hormones and on the basal and postischemic performance of the isolated rat heart. <i>European Journal of Pharmacology</i> , 2002, 444, 191-196.	1.7	27
33	Thyroid hormone as a therapeutic option for treating ischaemic heart disease: From early reperfusion to late remodelling. <i>Vascular Pharmacology</i> , 2010, 52, 157-165.	1.0	26
34	Thyroid Hormone and Tissue Repair: New Tricks for an Old Hormone?. <i>Journal of Thyroid Research</i> , 2013, 2013, 1-5.	0.5	26
35	Dobutamine administration exacerbates postischaemic myocardial dysfunction in isolated rat hearts: an effect reversed by thyroxine pretreatment. <i>European Journal of Pharmacology</i> , 2003, 460, 155-161.	1.7	25
36	Comparative effects of acute vs. chronic oral amiodarone treatment during acute myocardial infarction in rats. <i>Europace</i> , 2007, 9, 1099-1104.	0.7	25

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37	The Emerging Role of TR $\beta$ in Cardiac Repair: Potential Therapeutic Implications. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-8.	1.9	24
38	Thyroid hormone receptor $\beta$ 1 as a novel therapeutic target for tissue repair. <i>Annals of Translational Medicine</i> , 2018, 6, 254-254.	0.7	23
39	Principal Aspects Regarding the Maintenance of Mammalian Mitochondrial Genome Integrity. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1821.	1.8	22
40	High glucose protects embryonic cardiac cells against simulated ischemia. <i>Molecular and Cellular Biochemistry</i> , 2006, 284, 87-93.	1.4	21
41	Comorbid TNF-mediated heart valve disease and chronic polyarthritis share common mesenchymal cell-mediated aetiopathogenesis. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, annrheumdis-2017-212597.	0.5	21
42	Translational Block in Stroke: A Constructive and "Out-of-the-Box" Reappraisal. <i>Frontiers in Neuroscience</i> , 2021, 15, 652403.	1.4	21
43	Involvement of p38 MAPK and JNK in heat stress-induced cardioprotection. <i>Basic Research in Cardiology</i> , 2003, 98, 158-164.	2.5	20
44	Use of triiodothyronine to treat critically ill COVID-19 patients: a new clinical trial. <i>Critical Care</i> , 2020, 24, 209.	2.5	20
45	Cell-Type-Dependent Thyroid Hormone Effects on Glioma Tumor Cell Lines. <i>Journal of Thyroid Research</i> , 2011, 2011, 1-8.	0.5	18
46	Thyroid hormone and cardioprotection: study of p38 MAPK and JNKs during ischaemia and at reperfusion in isolated rat heart. <i>Molecular and Cellular Biochemistry</i> , 2003, 242, 173-80.	1.4	18
47	The Beneficial Effects of Ranolazine on Cardiac Function After Myocardial Infarction Are Greater in Diabetic Than in Nondiabetic Rats. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2014, 19, 457-469.	1.0	16
48	Oxidative Stress and Antioxidant Strategies in Cardiovascular Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-2.	1.9	15
49	Ectopic bone formation and systemic bone loss in a transmembrane TNF-driven model of human spondyloarthritis. <i>Arthritis Research and Therapy</i> , 2020, 22, 232.	1.6	15
50	Protection of the abnormal heart. <i>Heart Failure Reviews</i> , 2007, 12, 319-330.	1.7	14
51	Effects of Acute and Chronic Cadmium Administration on the Vascular Reactivity of Rat Aorta. <i>BioMetals</i> , 2007, 20, 83-91.	1.8	14
52	Plasma Irisin Levels in Subjects with Type 1 Diabetes: Comparison with Healthy Controls. <i>Hormone and Metabolic Research</i> , 2018, 50, 803-810.	0.7	14
53	Effects of hyper- and hypothyroidism on acetylcholinesterase, (Na <sup>+</sup> , K <sup>+</sup> )- and Mg <sup>2+</sup> -ATPase activities of adult rat hypothalamus and cerebellum. <i>Metabolic Brain Disease</i> , 2007, 22, 31-38.	1.4	13
54	Short-term ventricular restraint attenuates post-infarction remodeling in rats. <i>International Journal of Cardiology</i> , 2013, 165, 278-284.	0.8	13

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55	Thyroid hormone and myocardial ischaemia. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008, 109, 314-322.	1.2	11
56	Time-dependent and independent effects of thyroid hormone administration following myocardial infarction in rats. <i>Molecular Medicine Reports</i> , 2018, 18, 864-876.	1.1	11
57	A Novel Quantitative Method for the Detection of Lipofuscin, the Main By-Product of Cellular Senescence, in Fluids. <i>Methods in Molecular Biology</i> , 2019, 1896, 119-138.	0.4	11
58	Myocardial Ischemia. <i>Basic Science for the Cardiologist</i> , 2006, , 11-76.	0.1	11
59	Attenuation of post-infarction remodeling in rats by sustained myocardial growth hormone administration. <i>Growth Factors</i> , 2015, 33, 250-258.	0.5	10
60	Are Thyroid Hormone and Tumor Cell Proliferation in Human Breast Cancers Positive for HER2 Associated?. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-6.	0.6	9
61	Low concentrations of bisphenol A promote the activation of the mitochondrial apoptotic pathway on Beta-TC6 cells via the generation of intracellular reactive oxygen species and mitochondrial superoxide. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e23099.	1.4	8
62	Mepivacaine Alters Vascular Responsiveness to Vasoconstrictors in Aortic Rings from Normal and Aortic-Banded Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2003, 93, 269-274.	0.0	6
63	Triiodothyronine prevents tissue hypoxia in experimental sepsis: potential therapeutic implications. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 17.	0.9	6
64	Central-line-associated bloodstream infections, multi-drug-resistant bacteraemias and infection control interventions: a 6-year time-series analysis in a tertiary care hospital in Greece. <i>Journal of Hospital Infection</i> , 2022, 123, 27-33.	1.4	6
65	Association of Circulating Osteopontin Levels With Lower Extremity Arterial Disease in Subjects With Type 2 Diabetes Mellitus: A Cross-Sectional Observational Study. <i>International Journal of Lower Extremity Wounds</i> , 2020, 19, 180-189.	0.6	5
66	Morphine administration at reperfusion fails to improve postischaemic cardiac function but limits myocardial injury probably via heat-shock protein 27 phosphorylation. <i>European Journal of Anaesthesiology</i> , 2009, 26, 572-581.	0.7	4
67	Phenylephrine postconditioning increases myocardial injury: Are alpha-1 sympathomimetic agonist cardioprotective?. <i>Annals of Cardiac Anaesthesia</i> , 2014, 17, 200.	0.3	4
68	l-Thyroxine induces thermotolerance in yeast. <i>Cell Stress and Chaperones</i> , 2019, 24, 469-473.	1.2	4
69	Theophrastus Bombastus Von Hohenheim: Theological Reformer, Philosopher and Physician. <i>Journal of Religion and Health</i> , 2021, 60, 3907-3914.	0.8	4
70	Acute triiodothyronine treatment and red blood cell sedimentation rate (ESR) in critically ill COVID-19 patients: A novel association?. <i>Clinical Hemorheology and Microcirculation</i> , 2021, , 1-4.	0.9	4
71	Cardiovascular Risk of Synthetic, Non-Biologic Disease-Modifying Anti- Rheumatic Drugs (DMARDs). <i>Current Vascular Pharmacology</i> , 2020, 18, 455-462.	0.8	4
72	The Potential of Thyroid Hormone Therapy in Severe COVID-19: Rationale and Preliminary Evidence. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8063.	1.2	4

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73	The Use of L-Glucose in Cancer Diagnosis: Results from In Vitro and In Vivo Studies. <i>Current Medicinal Chemistry</i> , 2021, 28, 6110-6122.	1.2	3
74	Association between consumption of antibiotics, infection control interventions and <i>Clostridioides difficile</i> infections: Analysis of six-year time-series data in a tertiary-care hospital in Greece. <i>Infection, Disease and Health</i> , 2022, 27, 119-128.	0.5	3
75	Machine learning based analysis of stroke lesions on mouse tissue sections. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1463-1477.	2.4	3
76	Impact of Thyroid Hormone Administration on Fluid Requirements and Hepatic Injury Markers in Hemorrhagic Shock Due to Liver Trauma. <i>Journal of Investigative Surgery</i> , 2013, 26, 305-311.	0.6	2
77	Endothelin receptors in the brain modulate autonomic responses and arrhythmogenesis during acute myocardial infarction in rats. <i>Life Sciences</i> , 2019, 239, 117062.	2.0	2
78	Comment: Worsening Heart Failure in the Setting of Dronedarone Initiation. <i>Annals of Pharmacotherapy</i> , 2011, 45, 689-689.	0.9	1
79	Pearls of Neonatal Intertrigo in Ancient Greek and Byzantine Medicine. <i>Acta Medica Academica</i> , 2018, 47, 131.	0.3	1
80	Changes in Thyroid Hormone Signaling Mediate Cardiac Dysfunction in the Tg197 Mouse Model of Arthritis: Potential Therapeutic Implications. <i>Journal of Clinical Medicine</i> , 2021, 10, 5512.	1.0	1
81	The Vulnerable Myocardium: Need for a Paradigm Shift for the Management of Coronary Artery Disease?. <i>Cardiology</i> , 2014, 129, 18-19.	0.6	0
82	Neural Networks Modelling after Myocardial Infarction in Rats. , 2017, , .		0
83	Belimumab in kidney transplantation. <i>Lancet, The</i> , 2019, 393, 874-875.	6.3	0
84	Thyroid Hormone and Cardiac Repair. , 2020, , 153-162.		0