Constantinos Pantos

List of Publications by Year
in descending order

84	2,115	186265 28	265206 42
papers	citations	h-index	g-index

88	88	88	1910
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Long-term thyroid hormone administration reshapes left ventricular chamber and improves cardiac function after myocardial infarction in rats. Basic Research in Cardiology, 2008, 103, 308-318.	5.9	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?. Basic Research in Cardiology, 2009, 104, 69-77.	5.9	94
3	Thyroid hormone attenuates cardiac remodeling and improves hemodynamics early after acute myocardial infarction in rats. European Journal of Cardio-thoracic Surgery, 2007, 32, 333-339.	1.4	84
4	Protein kinase C and cardiac dysfunction: a review. Heart Failure Reviews, 2017, 22, 843-859.	3.9	81
5	Thyroid hormone and recovery of cardiac function in patients with acute myocardial infarction: a strong association?. European Journal of Endocrinology, 2011, 165, 107-114.	3.7	77
6	Thyroid Hormone Receptor Î±1 Downregulation in Postischemic Heart Failure Progression: The Potential Role of Tissue Hypothyroidism. Hormone and Metabolic Research, 2010, 42, 718-724.	1.5	65
7	Thyroid hormone and phenotypes of cardioprotection. Basic Research in Cardiology, 2004, 99, 101-120.	5.9	64
8	Title is missing!. Molecular and Cellular Biochemistry, 2003, 242, 173-180.	3.1	56
9	Thyroid hormone and â€œcardiac metamorphosisâ€• 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. Molecular and Cellular Biochemistry, 2012, 363, 235-243.	3.1	51
11	Thyroid hormone is a critical determinant of myocardial performance in patients with heart failure: potential therapeutic implications. European Journal of Endocrinology, 2007, 157, 515-520.	3.7	50
12	Acute T3 treatment protects the heart against ischemia-reperfusion injury via TRÎ±1 receptor. Molecular and Cellular Biochemistry, 2011, 353, 235-241.	3.1	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. Metabolism: Clinical and Experimental, 2013, 62, 1387-1393.	3.4	49
14	Thyroxine pretreatment increases basal myocardial heat-shock protein 27 expression and accelerates translocation and phosphorylation of this protein upon ischaemia. European Journal of Pharmacology, 2003, 478, 53-60.	3.5	47
15	New insights into the role of thyroid hormone in cardiac remodeling: time to reconsider?. Heart Failure Reviews, 2011, 16, 79-96.	3.9	47
16	Changes in acetylcholinesterase, Na+,K+-ATPase, and Mg2+-ATPase activities in the frontal cortex and the hippocampus of hyper- and hypothyroid adult rats. Metabolism: Clinical and Experimental, 2007, 56, 1104-1110.	3.4	46
17	Time-dependent changes in the expression of thyroid hormone receptor Î±1 in the myocardium after acute myocardial infarction: possible implications in cardiac remodelling. European Journal of Endocrinology, 2007, 156, 415-424.	3.7	43
18	Dronedarone Administration Prevents Body Weight Gain and Increases Tolerance of the Heart to Ischemic Stress: A Possible Involvement of Thyroid Hormone Receptor Î±1. Thyroid, 2005, 15, 16-23.	4.5	42

#	Article	IF	Citations
19	Changes in Antioxidant Status, Protein Concentration, Acetylcholinesterase, (Na+,K+)-, and Mg2+-ATPase Activities in the Brain of Hyper- and Hypothyroid Adult Rats. Metabolic Brain Disease, 2005, 20, 129-139.	2.9	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?. Interactive Cardiovascular and Thoracic Surgery, 2013, 17, 664-668.	1.1	37
21	Thyroid hormone can favorably remodel the diabetic myocardium after acute myocardial infarction. Molecular and Cellular Biochemistry, 2010, 345, 161-169.	3.1	35
22	Inhibition of thyroid hormone receptor Î±1 impairs post-ischemic cardiac performance after myocardial infarction in mice. Molecular and Cellular Biochemistry, 2013, 379, 97-105.	3.1	35
23	Thyroid Hormone and Cardiac Disease: From Basic Concepts to Clinical Application. Journal of Thyroid Research, 2011, 2011, 1-13.	1.3	33
24	Translating thyroid hormone effects into clinical practice: the relevance of thyroid hormone receptor Î±1 in cardiac repair. Heart Failure Reviews, 2015, 20, 273-282.	3.9	32
25	The differential impact of volatile and intravenous anaesthetics on stress response in the swine. Hormones, 2010, 9, 67-75.	1.9	30
26	Enhanced tolerance of the rat myocardium to ischemia and reperfusion injury early after acute myocardial infarction. Basic Research in Cardiology, 2007, 102, 327-333.	5.9	29
27	Thyroid hormone and cardiac repair/regeneration: from Prometheus myth to reality?. Canadian Journal of Physiology and Pharmacology, 2012, 90, 977-987.	1.4	29
28	Changes in Thyroid Hormone Receptors After Permanent Cerebral Ischemia in Male Rats. Journal of Molecular Neuroscience, 2014, 54, 78-91.	2.3	29
29	Rebuilding the post-infarcted myocardium by activating â€˜physiologicâ€™ hypertrophic signaling pathways: the thyroid hormone paradigm. Heart Failure Reviews, 2010, 15, 143-154.	3.9	28
30	The effect of slow spaced eating on hunger and satiety in overweight and obese patients with type 2 diabetes mellitus. BMJ Open Diabetes Research and Care, 2014, 2, e000013.	2.8	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. Trials, 2020, 21, 573.	1.6	28
32	Effects of dronedarone and amiodarone on plasma thyroid hormones and on the basal and postischemic performance of the isolated rat heart. European Journal of Pharmacology, 2002, 444, 191-196.	3.5	27
33	Thyroid hormone as a therapeutic option for treating ischaemic heart disease: From early reperfusion to late remodelling. Vascular Pharmacology, 2010, 52, 157-165.	2.1	26
34	Thyroid Hormone and Tissue Repair: New Tricks for an Old Hormone?. Journal of Thyroid Research, 2013, 2013, 1-5.	1.3	26
35	Dobutamine administration exacerbates postischaemic myocardial dysfunction in isolated rat hearts: an effect reversed by thyroxine pretreatment. European Journal of Pharmacology, 2003, 460, 155-161.	3.5	25
36	Comparative effects of acute vs. chronic oral amiodarone treatment during acute myocardial infarction in rats. Europace, 2007, 9, 1099-1104.	1.7	25

#	Article	IF	Citations
37	The Emerging Role of TR<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi mathvariant="bold-italic">Î±</mml:mi></mml:mrow></mml:math>1 in Cardiac Repair: Potential Therapeutic Implications. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-8.	4.0	24
38	Thyroid hormone receptor Î±1 as a novel therapeutic target for tissue repair. Annals of Translational Medicine, 2018, 6, 254-254.	1.7	23
39	Principal Aspects Regarding the Maintenance of Mammalian Mitochondrial Genome Integrity. International Journal of Molecular Sciences, 2017, 18, 1821.	4.1	22
40	High glucose protects embryonic cardiac cells against simulated ischemia. Molecular and Cellular Biochemistry, 2006, 284, 87-93.	3.1	21
41	Comorbid TNF-mediated heart valve disease and chronic polyarthritis share common mesenchymal cell-mediated aetiopathogenesis. Annals of the Rheumatic Diseases, 2018, 77, annrheumdis-2017-212597.	0.9	21
42	Translational Block in Stroke: A Constructive and â€œOut-of-the-Boxâ€•Reappraisal. Frontiers in Neuroscience, 2021, 15, 652403.	2.8	21
43	Involvement of p38 MAPK and JNK in heat stress-induced cardioprotection. Basic Research in Cardiology, 2003, 98, 158-164.	5.9	20
44	Use of triiodothyronine to treat critically ill COVID-19 patients: a new clinical trial. Critical Care, 2020, 24, 209.	5.8	20
45	Cell-Type-Dependent Thyroid Hormone Effects on Glioma Tumor Cell Lines. Journal of Thyroid Research, 2011, 2011, 1-8.	1.3	18
46	Thyroid hormone and cardioprotection: study of p38 MAPK and JNKs during ischaemia and at reperfusion in isolated rat heart. Molecular and Cellular Biochemistry, 2003, 242, 173-80.	3.1	18
47	The Beneficial Effects of Ranolazine on Cardiac Function After Myocardial Infarction Are Greater in Diabetic Than in Nondiabetic Rats. Journal of Cardiovascular Pharmacology and Therapeutics, 2014, 19, 457-469.	2.0	16
48	Oxidative Stress and Antioxidant Strategies in Cardiovascular Disease. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-2.	4.0	15
49	Ectopic bone formation and systemic bone loss in a transmembrane TNF-driven model of human spondyloarthritis. Arthritis Research and Therapy, 2020, 22, 232.	3.5	15
50	Protection of the abnormal heart. Heart Failure Reviews, 2007, 12, 319-330.	3.9	14
51	Effects of Acute and Chronic Cadmium Administration on the Vascular Reactivity of Rat Aorta. BioMetals, 2007, 20, 83-91.	4.1	14
52	Plasma Irisin Levels in Subjects with Type 1 Diabetes: Comparison with Healthy Controls. Hormone and Metabolic Research, 2018, 50, 803-810.	1.5	14
53	Effects of hyper- and hypothyroidism on acetylcholinesterase, (Na+, K+)- and Mg 2+ -ATPase activities of adult rat hypothalamus and cerebellum. Metabolic Brain Disease, 2007, 22, 31-38.	2.9	13
54	Short-term ventricular restraint attenuates post-infarction remodeling in rats. International Journal of Cardiology, 2013, 165, 278-284.	1.7	13

#	Article	IF	Citations
55	Thyroid hormone and myocardial ischaemia. Journal of Steroid Biochemistry and Molecular Biology, 2008, 109, 314-322.	2.5	11
56	Timeâ€'dependent and independent effects of thyroid hormone administration following myocardial infarction in rats. Molecular Medicine Reports, 2018, 18, 864-876.	2.4	11
57	A Novel Quantitative Method for the Detection of Lipofuscin, the Main By-Product of Cellular Senescence, in Fluids. Methods in Molecular Biology, 2019, 1896, 119-138.	0.9	11
58	Myocardial Ischemia. Basic Science for the Cardiologist, 2006, , 11-76.	0.1	11
59	Attenuation of post-infarction remodeling in rats by sustained myocardial growth hormone administration. Growth Factors, 2015, 33, 250-258.	1.7	10
60	Are Thyroid Hormone and Tumor Cell Proliferation in Human Breast Cancers Positive for HER2 Associated?. International Journal of Endocrinology, 2015, 2015, 1-6.	1.5	9
61	Low concentrations of bisphenol A promote the activation of the mitochondrial apoptotic pathway on Betaâ€TCâ€6 cells via the generation of intracellular reactive oxygen species and mitochondrial superoxide. Journal of Biochemical and Molecular Toxicology, 2022, 36, e23099.	3.0	8
62	Mepivacaine Alters Vascular Responsiveness to Vasoconstrictors in Aortic Rings from Normal and Aortic-Banded Rats. Basic and Clinical Pharmacology and Toxicology, 2003, 93, 269-274.	0.0	6
63	Triiodothyronine prevents tissue hypoxia in experimental sepsis: potential therapeutic implications. Intensive Care Medicine Experimental, 2021, 9, 17.	1.9	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. Journal of Hospital Infection, 2022, 123, 27-33.	2.9	6
65	Association of Circulating Osteopontin Levels With Lower Extremity Arterial Disease in Subjects With Type 2 Diabetes Mellitus: A Cross-Sectional Observational Study. International Journal of Lower Extremity Wounds, 2020, 19, 180-189.	1.1	5
66	Morphine administration at reperfusion fails to improve postischaemic cardiac function but limits myocardial injury probably via heat-shock protein 27 phosphorylation. European Journal of Anaesthesiology, 2009, 26, 572-581.	1.7	4
67	Phenylephrine postconditioning increases myocardial injury: Are alpha-1 sympathomimetic agonist cardioprotective?. Annals of Cardiac Anaesthesia, 2014, 17, 200.	0.6	4
68	l-Thyroxine induces thermotolerance in yeast. Cell Stress and Chaperones, 2019, 24, 469-473.	2.9	4
69	Theophrastus Bombastus Von Hohenheim: Theological Reformer, Philosopher and Physician. Journal of Religion and Health, 2021, 60, 3907-3914.	1.7	4
70	Acute triiodothyronine treatment and red blood cell sedimentation rate (ESR) in critically ill COVID-19 patients: A novel association?. Clinical Hemorheology and Microcirculation, 2021, , 1-4.	1.7	4
71	Cardiovascular Risk of Synthetic, Non-Biologic Disease-Modifying Anti- Rheumatic Drugs (DMARDs). Current Vascular Pharmacology, 2020, 18, 455-462.	1.7	4
72	The Potential of Thyroid Hormone Therapy in Severe COVID-19: Rationale and Preliminary Evidence. International Journal of Environmental Research and Public Health, 2022, 19, 8063.	2.6	4

#	Article	IF	Citations
73	The Use of L-Glucose in Cancer Diagnosis: Results from In Vitro and In Vivo Studies. Current Medicinal Chemistry, 2021, 28, 6110-6122.	2.4	3
74	Association between consumption of antibiotics, infection control interventions and Clostridioides difficile infections: Analysis of six-year time-series data in a tertiary-care hospital in Greece. Infection, Disease and Health, 2022, 27, 119-128.	1.1	3
75	Machine learning based analysis of stroke lesions on mouse tissue sections. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 1463-1477.	4.3	3
76	Impact of Thyroid Hormone Administration on Fluid Requirements and Hepatic Injury Markers in Hemorrhagic Shock Due to Liver Trauma. Journal of Investigative Surgery, 2013, 26, 305-311.	1.3	2
77	Endothelin receptors in the brain modulate autonomic responses and arrhythmogenesis during acute myocardial infarction in rats. Life Sciences, 2019, 239, 117062.	4.3	2
78	Comment: Worsening Heart Failure in the Setting of Dronedarone Initiation. Annals of Pharmacotherapy, 2011, 45, 689-689.	1.9	1
79	Pearls of Neonatal Intertrigo in Ancient Greek and Byzantine Medicine. Acta Medica Academica, 2018, 47, 131.	0.8	1
80	Changes in Thyroid Hormone Signaling Mediate Cardiac Dysfunction in the Tg197 Mouse Model of Arthritis: Potential Therapeutic Implications. Journal of Clinical Medicine, 2021, 10, 5512.	2.4	1
81	The Vulnerable Myocardium: Need for a Paradigm Shift for the Management of Coronary Artery Disease?. Cardiology, 2014, 129, 18-19.	1.4	0
82	Neural Networks Modelling after Myocardial Infarction in Rats. , 2017, , .		0
83	Belimumab in kidney transplantation. Lancet, The, 2019, 393, 874-875.	13.7	0
84	Thyroid Hormone and Cardiac Repair. , 2020, , 153-162.		0