

Christodoulos Xinaris

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

3,609
citations

361413

20
h-index

330143

37
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44
all docs

44
docs citations

44
times ranked

7466
citing authors

#	ARTICLE	IF	CITATIONS
1	Organoid Models and Applications in Biomedical Research. <i>Nephron</i> , 2015, 130, 191-199.	1.8	2,247
2	In Vivo Maturation of Functional Renal Organoids Formed from Embryonic Cell Suspensions. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 1857-1868.	6.1	156
3	Human Amniotic Fluid Stem Cell Preconditioning Improves Their Regenerative Potential. <i>Stem Cells and Development</i> , 2012, 21, 1911-1923.	2.1	112
4	A Novel Strategy to Enhance Mesenchymal Stem Cell Migration Capacity and Promote Tissue Repair in an Injury Specific Fashion. <i>Cell Transplantation</i> , 2013, 22, 423-436.	2.5	109
5	Renal progenitors derived from human iPSCs engraft and restore function in a mouse model of acute kidney injury. <i>Scientific Reports</i> , 2015, 5, 8826.	3.3	88
6	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.	1.4	84
7	Generation of functional podocytes from human induced pluripotent stem cells. <i>Stem Cell Research</i> , 2016, 17, 130-139.	0.7	65
8	Propylthiouracil-induced hypothyroidism is associated with increased tolerance of the isolated rat heart to ischaemia-reperfusion. <i>Journal of Endocrinology</i> , 2003, 178, 427-435.	2.6	63
9	Thyroid hormone receptors $\beta 1$ and $\beta 2$ are downregulated in the post-infarcted rat heart: consequences on the response to ischaemia-reperfusion. <i>Basic Research in Cardiology</i> , 2005, 100, 422-432.	5.9	60
10	Thyroid hormone and cardiac metamorphosis: Potential therapeutic implications. , 2008, 118, 277-294.		55
11	Thyroid hormone changes cardiomyocyte shape and geometry via ERK signaling pathway: Potential therapeutic implications in reversing cardiac remodeling?. <i>Molecular and Cellular Biochemistry</i> , 2007, 297, 65-72.	3.1	52
12	Functional Human Podocytes Generated in Organoids from Amniotic Fluid Stem Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1400-1411.	6.1	51
13	Diabetic Nephropathy: Novel Molecular Mechanisms and Therapeutic Targets. <i>Frontiers in Pharmacology</i> , 2020, 11, 586892.	3.5	47
14	Hyperthyroid Hearts Display a Phenotype of Cardioprotection Against Ischemic Stress: A Possible Involvement of Heat Shock Protein 70. <i>Hormone and Metabolic Research</i> , 2006, 38, 308-313.	1.5	44
15	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.	3.7	43
16	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.	5.9	29
17	Kidney Organoids as Disease Models: Strengths, Weaknesses and Perspectives. <i>Frontiers in Physiology</i> , 2020, 11, 563981.	2.8	28
18	Direct Reprogramming of Human Bone Marrow Stromal Cells into Functional Renal Cells Using Cell-free Extracts. <i>Stem Cell Reports</i> , 2015, 4, 685-698.	4.8	27

#	ARTICLE	IF	CITATIONS
19	Engineered Kidney Tubules for Modeling Patient-Specific Diseases and Drug Discovery. <i>EBioMedicine</i> , 2018, 33, 253-268.	6.1	27
20	Thyroid Hormone Signalling: From the Dawn of Life to the Bedside. <i>Journal of Molecular Evolution</i> , 2020, 88, 88-103.	1.8	26
21	High glucose protects embryonic cardiac cells against simulated ischemia. <i>Molecular and Cellular Biochemistry</i> , 2006, 284, 87-93.	3.1	21
22	Organoids for replacement therapy. <i>Current Opinion in Organ Transplantation</i> , 2019, 24, 555-561.	1.6	21
23	Translational Block in Stroke: A Constructive and "Out-of-the-Box" Reappraisal. <i>Frontiers in Neuroscience</i> , 2021, 15, 652403.	2.8	21
24	Alteration of thyroid hormone signaling triggers the diabetes-induced pathological growth, remodeling, and dedifferentiation of podocytes. <i>JCI Insight</i> , 2019, 4, .	5.0	21
25	Renal Primordia Activate Kidney Regenerative Events in a Rat Model of Progressive Renal Disease. <i>PLoS ONE</i> , 2015, 10, e0120235.	2.5	17
26	TNF- α Administration in Neonatal Cardiomyocytes is Associated with Differential Expression of Thyroid Hormone Receptors: A Response Prevented by T ₃ . <i>Hormone and Metabolic Research</i> , 2008, 40, 731-734.	1.5	15
27	Pharmacological inhibition of TR β 1 receptor potentiates the thyroxine effect on body weight reduction in rats: potential therapeutic implications in controlling body weight. <i>Diabetes, Obesity and Metabolism</i> , 2007, 9, 136-138.	4.4	11
28	Thyroid hormone and myocardial ischaemia. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008, 109, 314-322.	2.5	11
29	iPS, organoids and 3D models as advanced tools for in vitro toxicology. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2020, 37, 136-140.	1.5	10
30	Post-translational modifications by SIRT3 de-2-hydroxyisobutyrylase activity regulate glycolysis and enable nephrogenesis. <i>Scientific Reports</i> , 2021, 11, 23580.	3.3	10
31	Thyroid Hormone Signalling Alteration in Diabetic Nephropathy and Cardiomyopathy: a "Switch" to the Foetal Gene Programme. <i>Current Diabetes Reports</i> , 2020, 20, 58.	4.2	7
32	Thyroid Hormone Signalling in Human Evolution and Disease: A Novel Hypothesis. <i>Journal of Clinical Medicine</i> , 2022, 11, 43.	2.4	6
33	Reforming the Kidney Starting from a Single-Cell Suspension. <i>Nephron Experimental Nephrology</i> , 2014, 126, 107-112.	2.2	5
34	Engineering kidney tissues for polycystic kidney disease modeling and drug discovery. <i>Methods in Cell Biology</i> , 2019, 153, 113-132.	1.1	4
35	Human iPSC-derived neural crest stem cells can produce EPO and induce erythropoiesis in anemic mice. <i>Stem Cell Research</i> , 2021, 55, 102476.	0.7	4
36	Generation of Functional Kidney Organoids In Vivo Starting from a Single-Cell Suspension. <i>Methods in Molecular Biology</i> , 2016, 1576, 101-112.	0.9	3

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37	Cell Hypertrophy: A "Biophysical Roadblock" to Reversing Kidney Injury. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 854998.	3.7	3
38	Cyst segmentation on kidney tubules by means of U-Net deep-learning models. , 2021, , .		3
39	Unravelling the Role of PAX2 Mutation in Human Focal Segmental Glomerulosclerosis. <i>Biomedicines</i> , 2021, 9, 1808.	3.2	2
40	Bone Marrow Mesenchymal Stem Cells in Organ Repair and Strategies to Optimize their Efficacy. , 2011, , 299-312.		1
41	Developmental Approaches to Kidney Regeneration. , 2017, , 1039-1050.		0
42	Lymphotoxin-Beta Receptor Signaling Is Crucial for the Vascularization of Transplanted Metanephros. <i>American Journal of Pathology</i> , 2020, 190, 33-36.	3.8	0
43	A protocol for the generation of EPO - Producing neural crest cells from human induced pluripotent stem cells. <i>MethodsX</i> , 2022, 9, 101753.	1.6	0