

# Alexander C Zambon

## List of Publications by Year in Descending Order

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**Version:** 2024-04-23

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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.

25  
papers

1,975  
citations

21  
h-index

25  
g-index

25  
ext. papers

2,279  
ext. citations

7.8  
avg, IF

3.87  
L-index

#	Paper	IF	Citations
25	Mitochondrial reprogramming induced by CaMKII $\beta$ mediates hypertrophy decompensation. <i>Circulation Research</i> , <b>2015</b> , 116, e28-39	15.7	36
24	G Protein-Coupled Receptor (GPCR) Expression in Native Cells: "Novel" endoGPCRs as Physiologic Regulators and Therapeutic Targets. <i>Molecular Pharmacology</i> , <b>2015</b> , 88, 181-7	4.3	36
23	Transcription factor ISL1 is essential for pacemaker development and function. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 3256-68	15.9	65
22	HIF1 $\alpha$ Represses Cell Stress Pathways to Allow Proliferation of Hypoxic Fetal Cardiomyocytes. <i>Developmental Cell</i> , <b>2015</b> , 33, 507-21	10.2	82
21	MAAMD: a workflow to standardize meta-analyses and comparison of affymetrix microarray data. <i>BMC Bioinformatics</i> , <b>2014</b> , 15, 69	3.6	14
20	Using Kepler for Tool Integration in Microarray Analysis Workflows. <i>Procedia Computer Science</i> , <b>2014</b> , 29, 2162-2167	1.6	2
19	Mechanosensitive kinases regulate stiffness-induced cardiomyocyte maturation. <i>Scientific Reports</i> , <b>2014</b> , 4, 6425	4.9	46
18	Resident fibroblast lineages mediate pressure overload-induced cardiac fibrosis. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 2921-34	15.9	359
17	Ca <sup>2+</sup> /Calmodulin-dependent protein kinase II $\beta$ mediates myocardial ischemia/reperfusion injury through nuclear factor- $\kappa$ B. <i>Circulation Research</i> , <b>2013</b> , 112, 935-44	15.7	120
16	Whole-Genome rVISTA: a tool to determine enrichment of transcription factor binding sites in gene promoters from transcriptomic data. <i>Bioinformatics</i> , <b>2013</b> , 29, 2059-61	7.2	21
15	GO-Elite: a flexible solution for pathway and ontology over-representation. <i>Bioinformatics</i> , <b>2012</b> , 28, 2209-10	7.2	212
14	Identification of a neuronal gene expression signature: role of cell cycle arrest in murine neuronal differentiation in vitro. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2011</b> , 301, R727-45	3.2	6
13	Increased expression of the pro-apoptotic protein BIM, a mechanism for cAMP/protein kinase A (PKA)-induced apoptosis of immature T cells. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 33260-7	5.4	25
12	Alternative splicing regulates mouse embryonic stem cell pluripotency and differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 10514-9	11.5	172
11	Microarray analysis of embryonic stem cells and differentiated embryoid bodies. <i>Methods in Molecular Biology</i> , <b>2010</b> , 632, 45-61	1.4	1
10	Gene expression signatures of cAMP/protein kinase A (PKA)-promoted, mitochondrial-dependent apoptosis. Comparative analysis of wild-type and cAMP-deathless S49 lymphoma cells. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 4304-13	5.4	44
9	GenMAPP 2: new features and resources for pathway analysis. <i>BMC Bioinformatics</i> , <b>2007</b> , 8, 217	3.6	207

8	Identifying genetic networks underlying myometrial transition to labor. <i>Genome Biology</i> , <b>2005</b> , 6, R12	18.3	50
7	Gene expression patterns define key transcriptional events in cell-cycle regulation by cAMP and protein kinase A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 8561-6	11.5	99
6	Time- and exercise-dependent gene regulation in human skeletal muscle. <i>Genome Biology</i> , <b>2003</b> , 4, R61	18.3	156
5	P2Y <sub>11</sub> receptors activate adenylyl cyclase and contribute to nucleotide-promoted cAMP formation in MDCK-D(1) cells. A mechanism for nucleotide-mediated autocrine-paracrine regulation. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 7761-5	5.4	50
4	P2Y receptors of MDCK cells: epithelial cell regulation by extracellular nucleotides. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2001</b> , 28, 351-4	3	55
3	An arginine/glutamine difference at the juxtaposition of transmembrane domain 6 and the third extracellular loop contributes to the markedly different nucleotide selectivities of human and canine P2Y <sub>11</sub> receptors. <i>Molecular Pharmacology</i> , <b>2001</b> , 60, 1375-82	4.3	44
2	Cloning, expression, signaling mechanisms, and membrane targeting of P2Y <sub>11</sub> receptors in Madin Darby canine kidney cells. <i>Molecular Pharmacology</i> , <b>2001</b> , 60, 26-35	4.3	45
1	P2Y <sub>2</sub> receptor of MDCK cells: cloning, expression, and cell-specific signaling. <i>American Journal of Physiology - Renal Physiology</i> , <b>2000</b> , 279, F1045-52	4.3	28