

# Delvac Oceandy

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

2,817  
citations

186209

28  
h-index

175177

52  
g-index

63  
all docs

63  
docs citations

63  
times ranked

4313  
citing authors

#	ARTICLE	IF	CITATIONS
1	A macrophage colony-stimulating factor receptorâ€“green fluorescent protein transgene is expressed throughout the mononuclear phagocyte system of the mouse. <i>Blood</i> , 2003, 101, 1155-1163.	0.6	605
2	Plasma Membrane Ca <sup>2+</sup> ATPase 4 Is Required for Sperm Motility and Male Fertility. <i>Journal of Biological Chemistry</i> , 2004, 279, 28220-28226.	1.6	213
3	The Sarcolemmal Calcium Pump, $\hat{1}\pm$ -1 Syntrophin, and Neuronal Nitric-oxide Synthase Are Parts of a Macromolecular Protein Complex. <i>Journal of Biological Chemistry</i> , 2006, 281, 23341-23348.	1.6	127
4	Neuronal Nitric Oxide Synthase Signaling in the Heart Is Regulated by the Sarcolemmal Calcium Pump 4b. <i>Circulation</i> , 2007, 115, 483-492.	1.6	99
5	The Plasma Membrane Calcium ATPases and Their Role as Major New Players in Human Disease. <i>Physiological Reviews</i> , 2017, 97, 1089-1125.	13.1	94
6	Novel Functional Interaction between the Plasma Membrane Ca <sup>2+</sup> Pump 4b and the Proapoptotic Tumor Suppressor Ras-associated Factor 1 (RASSF1). <i>Journal of Biological Chemistry</i> , 2004, 279, 31318-31328.	1.6	92
7	The Sarcolemmal Calcium Pump Inhibits the Calcineurin/Nuclear Factor of Activated T-cell Pathway via Interaction with the Calcineurin A Catalytic Subunit. <i>Journal of Biological Chemistry</i> , 2005, 280, 29479-29487.	1.6	81
8	Targeting miR-423-5p Reverses Exercise Trainingâ€“Induced HCN4 Channel Remodeling and Sinus Bradycardia. <i>Circulation Research</i> , 2017, 121, 1058-1068.	2.0	76
9	Targeted Deletion of the Extracellular Signal-Regulated Protein Kinase 5 Attenuates Hypertrophic Response and Promotes Pressure Overloadâ€“Induced Apoptosis in the Heart. <i>Circulation Research</i> , 2010, 106, 961-970.	2.0	75
10	Plasma Membrane Calcium Pump (PMCA4)-Neuronal Nitric-oxide Synthase Complex Regulates Cardiac Contractility through Modulation of a Compartmentalized Cyclic Nucleotide Microdomain. <i>Journal of Biological Chemistry</i> , 2011, 286, 41520-41529.	1.6	69
11	Cardiac-Specific Deletion of <i>Mkk4</i> Reveals Its Role in Pathological Hypertrophic Remodeling but Not in Physiological Cardiac Growth. <i>Circulation Research</i> , 2009, 104, 905-914.	2.0	67
12	Pharmacological inhibition of Hippo pathway, with the novel kinase inhibitor <i>XMUâ€“MPâ€“1</i> , protects the heart against adverse effects during pressure overload. <i>British Journal of Pharmacology</i> , 2019, 176, 3956-3971.	2.7	67
13	Tumor Suppressor Ras-Association Domain Family 1 Isoform A Is a Novel Regulator of Cardiac Hypertrophy. <i>Circulation</i> , 2009, 120, 607-616.	1.6	60
14	Metabolic stress-induced cardiomyopathy is caused by mitochondrial dysfunction due to attenuated Erk5 signaling. <i>Nature Communications</i> , 2017, 8, 494.	5.8	59
15	A Novel Immunomodulator, FTY-720 Reverses Existing Cardiac Hypertrophy and Fibrosis From Pressure Overload by Targeting NFAT (Nuclear Factor of Activated T-cells) Signaling and Periostin. <i>Circulation: Heart Failure</i> , 2013, 6, 833-844.	1.6	57
16	Cardiovascular disease risk factor prevalence and estimated 10-year cardiovascular risk scores in Indonesia: The SMARThealth Extend study. <i>PLoS ONE</i> , 2019, 14, e0215219.	1.1	56
17	The plasma membrane calcium ATPase 4 signalling in cardiac fibroblasts mediates cardiomyocyte hypertrophy. <i>Nature Communications</i> , 2016, 7, 11074.	5.8	52
18	Gene complementation of airway epithelium in the cystic fibrosis mouse is necessary and sufficient to correct the pathogen clearance and inflammatory abnormalities. <i>Human Molecular Genetics</i> , 2002, 11, 1059-1067.	1.4	50

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19	Pak2 as a Novel Therapeutic Target for Cardioprotective Endoplasmic Reticulum Stress Response. <i>Circulation Research</i> , 2019, 124, 696-711.	2.0	48
20	An erythroid-specific ATP2B4 enhancer mediates red blood cell hydration and malaria susceptibility. <i>Journal of Clinical Investigation</i> , 2017, 127, 3065-3074.	3.9	48
21	Endothelial nitric oxide synthase activity is inhibited by the plasma membrane calcium ATPase in human endothelial cells. <i>Cardiovascular Research</i> , 2010, 87, 440-448.	1.8	46
22	Plasma Membrane Calcium ATPase Isoform 4 Inhibits Vascular Endothelial Growth Factor-Mediated Angiogenesis Through Interaction With Calcineurin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2310-2320.	1.1	41
23	Disruption of the interaction between PMCA2 and calcineurin triggers apoptosis and enhances paclitaxel-induced cytotoxicity in breast cancer cells. <i>Carcinogenesis</i> , 2012, 33, 2362-2368.	1.3	39
24	Ca <sup>2+</sup> signalling in cardiovascular disease: the role of the plasma membrane calcium pumps. <i>Science China Life Sciences</i> , 2011, 54, 691-698.	2.3	38
25	Initial study on TMPRSS2 p.Val160Met genetic variant in COVID-19 patients. <i>Human Genomics</i> , 2021, 15, 29.	1.4	37
26	The regulatory function of plasma-membrane Ca <sup>2+</sup> -ATPase (PMCA) in the heart. <i>Biochemical Society Transactions</i> , 2007, 35, 927-930.	1.6	35
27	Specific Role of Neuronal Nitric-oxide Synthase when Tethered to the Plasma Membrane Calcium Pump in Regulating the $\beta$ -Adrenergic Signal in the Myocardium. <i>Journal of Biological Chemistry</i> , 2009, 284, 12091-12098.	1.6	34
28	Physiological implications of the interaction between the plasma membrane calcium pump and nNOS. <i>Pflügers Archiv European Journal of Physiology</i> , 2009, 457, 665-671.	1.3	31
29	Silencing miR-370-3p rescues funny current and sinus node function in heart failure. <i>Scientific Reports</i> , 2020, 10, 11279.	1.6	30
30	The Mammalian Ste20-like Kinase 2 (Mst2) Modulates Stress-induced Cardiac Hypertrophy. <i>Journal of Biological Chemistry</i> , 2014, 289, 24275-24288.	1.6	26
31	Enhancement of the Therapeutic Capacity of Mesenchymal Stem Cells by Genetic Modification: A Systematic Review. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 587776.	1.8	25
32	Cardiac hypertrophy or failure? - A systematic evaluation of the transverse aortic constriction model in C57BL/6NTac and C57BL/6J substrains. <i>Current Research in Physiology</i> , 2019, 1, 1-10.	0.8	22
33	Development and characterization of a novel fluorescent indicator protein PMCA4-GCaMP2 in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 63, 57-68.	0.9	21
34	The oxoglutarate receptor 1 (OXGR1) modulates pressure overload-induced cardiac hypertrophy in mice. <i>Biochemical and Biophysical Research Communications</i> , 2016, 479, 708-714.	1.0	20
35	The Cross-Talk Between the TNF- $\alpha$ and RASSF-Hippo Signalling Pathways. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2346.	1.8	20
36	One-Month Global Longitudinal Strain Identifies Patients Who Will Develop Pacing-Induced Left Ventricular Dysfunction over Time: The Pacing and Ventricular Dysfunction (PAVD) Study. <i>PLoS ONE</i> , 2017, 12, e0162072.	1.1	20

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37	Local signals with global impacts and clinical implications: Lessons from the plasma membrane calcium pump (PMCA4). <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 974-978.	1.9	19
38	Advanced glycation end products reduce the calcium transient in cardiomyocytes by increasing production of reactive oxygen species and nitric oxide. <i>FEBS Open Bio</i> , 2017, 7, 1672-1685.	1.0	19
39	Plasma Membrane Calcium ATPase and Its Relationship to Nitric Oxide Signaling in the Heart. <i>Annals of the New York Academy of Sciences</i> , 2007, 1099, 247-253.	1.8	17
40	Promoter polymorphism of the matrix metalloproteinase 3 gene is associated with regurgitation and left ventricular remodelling in mitral valve prolapse patients. <i>European Journal of Heart Failure</i> , 2007, 9, 1010-1017.	2.9	15
41	Signaling via the Interleukin-10 Receptor Attenuates Cardiac Hypertrophy in Mice During Pressure Overload, but not Isoproterenol Infusion. <i>Frontiers in Pharmacology</i> , 2020, 11, 559220.	1.6	15
42	Optimisation and Validation of a High Throughput Screening Compatible Assay to Identify Inhibitors of the Plasma Membrane Calcium ATPase Pump - a Novel Therapeutic Target for Contraception and Malaria. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2013, 16, 217.	0.9	14
43	Treatment with Mammalian Ste-20-like Kinase 1/2 (MST1/2) Inhibitor XMU-MP-1 Improves Glucose Tolerance in Streptozotocin-Induced Diabetes Mice. <i>Molecules</i> , 2020, 25, 4381.	1.7	14
44	Calcium signaling dysfunction in heart disease. <i>BioFactors</i> , 2011, 37, 175-181.	2.6	12
45	Genetic ablation of the mammalian sterile-20 like kinase 1 (Mst1) improves cell reprogramming efficiency and increases induced pluripotent stem cell proliferation and survival. <i>Stem Cell Research</i> , 2017, 20, 42-49.	0.3	12
46	The Emergence of Plasma Membrane Calcium Pump as a Novel Therapeutic Target for Heart Disease. <i>Mini-Reviews in Medicinal Chemistry</i> , 2006, 6, 583-588.	1.1	11
47	Pacing-induced cardiomyopathy: pathophysiological insights through matrix metalloproteinases. <i>Heart Failure Reviews</i> , 2014, 19, 669-680.	1.7	11
48	Stem cell therapy and diabetic erectile dysfunction: A critical review. <i>World Journal of Stem Cells</i> , 2021, 13, 1549-1563.	1.3	11
49	GFP-tagged CFTR transgene is functional in the G551D cystic fibrosis mouse colon. <i>Journal of Membrane Biology</i> , 2003, 192, 159-167.	1.0	10
50	The tumour suppressor Ras-association domain family protein 1A (RASSF1A) regulates TNF- $\alpha$ signalling in cardiomyocytes. <i>Cardiovascular Research</i> , 2014, 103, 47-59.	1.8	10
51	Selective inhibition of plasma membrane calcium ATPase 4 improves angiogenesis and vascular reperfusion. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 109, 38-47.	0.9	10
52	The plasma membrane calcium ATPase 4 does not influence parasite levels but partially promotes experimental cerebral malaria during murine blood stage malaria. <i>Malaria Journal</i> , 2021, 20, 297.	0.8	9
53	Measurement of Plasma Membrane Calcium-Calmodulin-Dependent ATPase (PMCA) Activity. <i>Methods in Molecular Biology</i> , 2010, 637, 333-342.	0.4	8
54	Ras-Association Domain Family Member 1A (RASSF1A) – Where the Heart and Cancer Meet. <i>Trends in Cardiovascular Medicine</i> , 2009, 19, 262-267.	2.3	7

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55	Cost-effectiveness of a mobile technology-enabled primary care intervention for cardiovascular disease risk management in rural Indonesia. <i>Health Policy and Planning</i> , 2021, 36, 435-443.	1.0	5
56	Targeting the Sarcolemmal Calcium Pump: A Potential Novel Strategy for the Treatment of Cardiovascular Disease. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2007, 5, 300-304.	0.4	3
57	The Effect of Angiotensin Converting Enzyme (ACE) I/D Polymorphism on Atherosclerotic Cardiovascular Disease and Cardiovascular Mortality Risk in Non-Hemodialyzed Chronic Kidney Disease: The Mediating Role of Plasma ACE Level. <i>Genes</i> , 2022, 13, 1121.	1.0	3
58	Treatment with specific and pan-plasma membrane calcium ATPase (PMCA) inhibitors reduces malaria parasite growth in vitro and in vivo. <i>Malaria Journal</i> , 2022, 21, .	0.8	2
59	144â€¦Selective inhibition of plasma membrane calcium atpase 4 improves vegf-mediated angiogenesis. <i>Heart</i> , 2017, 103, A107.2-A107.	1.2	0
60	201MAP1S ablation impairs survival after MI and the hypertrophic response to pressure overload through mediating cardiac autophagy and apoptosis. <i>Cardiovascular Research</i> , 2018, 114, S53-S53.	1.8	0
61	PMCA4 inhibition does not affect cardiac remodelling following myocardial infarction, but may reduce susceptibility to arrhythmia. <i>Scientific Reports</i> , 2021, 11, 1518.	1.6	0
62	The Control of Sub-plasma Membrane Calcium Signalling by the Plasma Membrane Calcium ATPase Pump PMCA4. <i>Cardiac and Vascular Biology</i> , 2017, , 341-359.	0.2	0