

Paul B Rosenberg

List of Publications by Year in descending order

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59
papers

5,175
citations

186265

28
h-index

155660

55
g-index

59
all docs

59
docs citations

59
times ranked

6768
citing authors

#	ARTICLE	IF	CITATIONS
1	A Mutation in the <i>TRPC6</i> Cation Channel Causes Familial Focal Segmental Glomerulosclerosis. <i>Science</i> , 2005, 308, 1801-1804.	12.6	967
2	MicroRNA-Mediated In Vitro and In Vivo Direct Reprogramming of Cardiac Fibroblasts to Cardiomyocytes. <i>Circulation Research</i> , 2012, 110, 1465-1473.	4.5	698
3	Exercise Stimulates Pgc-1 α Transcription in Skeletal Muscle through Activation of the p38 MAPK Pathway. <i>Journal of Biological Chemistry</i> , 2005, 280, 19587-19593.	3.4	575
4	STIM1 signalling controls store-operated calcium entry required for development and contractile function in skeletal muscle. <i>Nature Cell Biology</i> , 2008, 10, 688-697.	10.3	329
5	MicroRNA Induced Cardiac Reprogramming In Vivo. <i>Circulation Research</i> , 2015, 116, 418-424.	4.5	210
6	beta-Arrestin2-mediated inotropic effects of the angiotensin II type 1A receptor in isolated cardiac myocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16284-16289.	7.1	208
7	TRPC1 Channels Are Critical for Hypertrophic Signaling in the Heart. <i>Circulation Research</i> , 2009, 105, 1023-1030.	4.5	202
8	Exercise Can Prevent and Reverse the Severity of Hypertrophic Cardiomyopathy. <i>Circulation Research</i> , 2006, 98, 540-548.	4.5	168
9	Comparison of impedance cardiography with invasive hemodynamic measurements in patients with heart failure secondary to ischemic or nonischemic cardiomyopathy. <i>American Journal of Cardiology</i> , 2002, 89, 993-995.	1.6	127
10	TRPC6 Enhances Angiotensin II-induced Albuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 526-535.	6.1	122
11	Fibroblast Growth Factor Homologous Factor 13 Regulates Na ⁺ Channels and Conduction Velocity in Murine Hearts. <i>Circulation Research</i> , 2011, 109, 775-782.	4.5	104
12	Induction Therapy with Basiliximab Allows Delayed Initiation of Cyclosporine and Preserves Renal Function After Cardiac Transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2005, 24, 1327-1331.	0.6	97
13	Mice Lacking Homer 1 Exhibit a Skeletal Myopathy Characterized by Abnormal Transient Receptor Potential Channel Activity. <i>Molecular and Cellular Biology</i> , 2008, 28, 2637-2647.	2.3	92
14	TRPC3 channels confer cellular memory of recent neuromuscular activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 9387-9392.	7.1	91
15	Hypoxia reprograms calcium signaling and regulates myoglobin expression. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 296, C393-C402.	4.6	83
16	STIM1-Ca ²⁺ Signaling Is Required for the Hypertrophic Growth of Skeletal Muscle in Mice. <i>Molecular and Cellular Biology</i> , 2012, 32, 3009-3017.	2.3	76
17	Rehabilitation Therapy in Older Acute Heart Failure Patients (REHAB-HF) trial: Design and rationale. <i>American Heart Journal</i> , 2017, 185, 130-139.	2.7	71
18	Homer modulates NFAT-dependent signaling during muscle differentiation. <i>Developmental Biology</i> , 2005, 287, 213-224.	2.0	63

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19	The role of store-operated calcium influx in skeletal muscle signaling. <i>Cell Calcium</i> , 2011, 49, 341-349.	2.4	60
20	Gq signaling causes glomerular injury by activating TRPC6. <i>Journal of Clinical Investigation</i> , 2015, 125, 1913-1926.	8.2	59
21	STIM1 enhances SR Ca ²⁺ content through binding phospholamban in rat ventricular myocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4792-801.	7.1	55
22	Pdx-1 Activates Islet β - and δ -Cell Proliferation via a Mechanism Regulated by Transient Receptor Potential Cation Channels 3 and 6 and Extracellular Signal-Regulated Kinases 1 and 2. <i>Molecular and Cellular Biology</i> , 2013, 33, 4017-4029.	2.3	51
23	Temperature-activated ion channels in neural crest cells confer maternal fever-associated birth defects. <i>Science Signaling</i> , 2017, 10, .	3.6	51
24	Ryanodine Receptors in Muscarinic Receptor-mediated Bronchoconstriction. <i>Journal of Biological Chemistry</i> , 2005, 280, 26287-26294.	3.4	49
25	STIM1 Ca ²⁺ signaling modulates automaticity of the mouse sinoatrial node. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5618-27.	7.1	47
26	Noninvasive assessment of hemodynamics: an emphasis on bioimpedance cardiography. <i>Current Opinion in Cardiology</i> , 2000, 15, 151-155.	1.8	45
27	Ten-Year Experience With Extended Criteria Cardiac Transplantation. <i>Circulation: Heart Failure</i> , 2013, 6, 1230-1238.	3.9	39
28	β -arrestin 1 regulates β -adrenergic receptor-mediated skeletal muscle hypertrophy and contractility. <i>Skeletal Muscle</i> , 2018, 8, 39.	4.2	37
29	Rehabilitation Intervention in Older Patients With Acute Heart Failure With Preserved Versus Reduced Ejection Fraction. <i>JACC: Heart Failure</i> , 2021, 9, 747-757.	4.1	32
30	Mitochondrial dysfunction and heart disease. <i>Mitochondrion</i> , 2004, 4, 621-628.	3.4	24
31	Mechanosensitive Channels in Striated Muscle and the Cardiovascular System: Not Quite a Stretch Anymore. <i>Journal of Cardiovascular Pharmacology</i> , 2009, 54, 116-122.	1.9	24
32	Dynamic regulation of sarcoplasmic reticulum Ca ²⁺ stores by stromal interaction molecule 1 and sarcolipin during muscle differentiation. <i>Developmental Dynamics</i> , 2012, 241, 639-647.	1.8	24
33	Canonical transient receptor potential 3 channels activate NF κ B to mediate allergic airway disease via PKC δ and calcineurin/NF κ B pathways. <i>FASEB Journal</i> , 2016, 30, 214-229.	0.5	24
34	Strategies for supporting intervention fidelity in the rehabilitation therapy in older acute heart failure patients (REHAB-HF) trial. <i>Contemporary Clinical Trials</i> , 2018, 64, 118-127.	1.8	24
35	Gq-Dependent Signaling Upregulates COX2 in Glomerular Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 2108-2118.	6.1	22
36	SOCE and STIM1 signaling in the heart: Timing and location matter. <i>Cell Calcium</i> , 2019, 77, 20-28.	2.4	21

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37	Control of Voltage-gated Potassium Channel Kv2.2 Expression by Pyruvate-Isocitrate Cycling Regulates Glucose-stimulated Insulin Secretion. <i>Journal of Biological Chemistry</i> , 2013, 288, 23128-23140.	3.4	19
38	The β_2 -arrestin-biased β_2 -adrenergic receptor blocker carvedilol enhances skeletal muscle contractility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12435-12443.	7.1	19
39	Calcium flux and endothelial dysfunction during acute lung injury: a STIMulating target for therapy. <i>Journal of Clinical Investigation</i> , 2013, 123, 1015-1018.	8.2	19
40	Comparison of 2-Year Outcomes of Extended Criteria Cardiac Transplantation Versus Destination Left Ventricular Assist Device Therapy Using Continuous Flow. <i>American Journal of Cardiology</i> , 2015, 116, 573-579.	1.6	17
41	Tamoxifen and tamoxifen ethyl bromide induce apoptosis in acutely damaged mammary epithelial cells through modulation of AKT activity. <i>Oncogene</i> , 2004, 23, 3851-3862.	5.9	15
42	The Actin-Binding Protein Drebrin Inhibits Neointimal Hyperplasia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 984-993.	2.4	15
43	Crizotinib inhibits hyperpolarization-activated cyclic nucleotide-gated channel 4 activity. <i>Cardio-Oncology</i> , 2017, 3, .	1.7	14
44	Desmin interacts with STIM1 and coordinates Ca ²⁺ signaling in skeletal muscle. <i>JCI Insight</i> , 2021, 6, .	5.0	12
45	Cytoskeletal Regulation of TRPC Channels in the Cardiorenal System. <i>Current Hypertension Reports</i> , 2012, 14, 492-497.	3.5	11
46	Calcium entry in skeletal muscle. <i>Journal of Physiology</i> , 2009, 587, 3149-3151.	2.9	10
47	Trends and outcomes of cardiac transplantation from donors dying of drug intoxication. <i>American Heart Journal</i> , 2018, 199, 92-96.	2.7	10
48	Socking It to Cardiac Hypertrophy. <i>Circulation</i> , 2011, 124, 766-768.	1.6	8
49	STIM1-Ca ²⁺ signaling in coronary sinus cardiomyocytes contributes to interatrial conduction. <i>Cell Calcium</i> , 2020, 87, 102163.	2.4	7
50	SOCE in the cardiomyocyte: the secret is in the chambers. <i>Pflugers Archiv European Journal of Physiology</i> , 2021, 473, 417-434.	2.8	7
51	Disruption of STIM1-mediated Ca ²⁺ sensing and energy metabolism in adult skeletal muscle compromises exercise tolerance, proteostasis, and lean mass. <i>Molecular Metabolism</i> , 2022, 57, 101429.	6.5	6
52	Relationship of physical function with quality of life in older patients with acute heart failure. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 1836-1845.	2.6	5
53	VDAC2 as a novel target for heart failure: Ca ²⁺ at the sarcomere, mitochondria and SR. <i>Cell Calcium</i> , 2022, 104, 102586.	2.4	3
54	Topical Anesthesia With EMLA Reduces Pain During Endomyocardial Biopsy: a Randomized Trial. <i>Journal of Heart and Lung Transplantation</i> , 2006, 25, 1164-1166.	0.6	2

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55	Anti-tumour activity and store operated calcium entry: new roles in immunology. EMBO Molecular Medicine, 2013, 5, 1297-1299.	6.9	2
56	Older Patients With Acute Decompensated Heart Failure Who Live Alone: An Analysis From the REHAB-HF Trial. Journal of Cardiac Failure, 2021, , .	1.7	2
57	TRP Channels in Cardiovascular Disease. , 2015, , 365-383.		1
58	Skeletal Muscle. , 2012, , 435-447.		0
59	Cardiomyocyte specific overexpression of C3orf58 activates ER stress leading to impaired cardiac function. FASEB Journal, 2013, 27, 929.7.	0.5	0