

Robert N Bone

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

581
citations

623574

14
h-index

940416

16
g-index

20
all docs

20
docs citations

20
times ranked

899
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcium-independent phospholipases A2 and their roles in biological processes and diseases. <i>Journal of Lipid Research</i> , 2015, 56, 1643-1668.	2.0	151
2	Endoplasmic reticulum stress alters ryanodine receptor function in the murine pancreatic β cell. <i>Journal of Biological Chemistry</i> , 2019, 294, 168-181.	1.6	57
3	Impaired Store-Operated Calcium Entry and STIM1 Loss Lead to Reduced Insulin Secretion and Increased Endoplasmic Reticulum Stress in the Diabetic β -Cell. <i>Diabetes</i> , 2018, 67, 2293-2304.	0.3	47
4	Regeneration of Pancreatic Non- β Endocrine Cells in Adult Mice following a Single Diabetes-Inducing Dose of Streptozotocin. <i>PLoS ONE</i> , 2012, 7, e36675.	1.1	43
5	Inhibition of Ca ²⁺ -Independent Phospholipase A2 ² (iPLA ₂ ²) Ameliorates Islet Infiltration and Incidence of Diabetes in NOD Mice. <i>Diabetes</i> , 2015, 64, 541-554.	0.3	42
6	Polarization of Macrophages toward M2 Phenotype Is Favored by Reduction in iPLA ₂ ² (Group VIA) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.6	38
7	Characterization of FKGL18 as Inhibitor of Group VIA Ca ²⁺ -Independent Phospholipase A2 (iPLA ₂ ²): Candidate Drug for Preventing Beta-Cell Apoptosis and Diabetes. <i>PLoS ONE</i> , 2013, 8, e71748.	1.1	28
8	Genetic modulation of islet β -cell iPLA ₂ ² expression provides evidence for its impact on β -cell apoptosis and autophagy. <i>Islets</i> , 2013, 5, 29-44.	0.9	27
9	Combination Immunotherapy for Type 1 Diabetes. <i>Current Diabetes Reports</i> , 2017, 17, 50.	1.7	26
10	A Computational Approach for Defining a Signature of β -Cell Golgi Stress in Diabetes. <i>Diabetes</i> , 2020, 69, 2364-2376.	0.3	26
11	Evidence of Contribution of iPLA ₂ ² -Mediated Events During Islet β -Cell Apoptosis Due to Proinflammatory Cytokines Suggests a Role for iPLA ₂ ² in T1D Development. <i>Endocrinology</i> , 2014, 155, 3352-3364.	1.4	23
12	Gene transfer of active Akt1 by an infectivity-enhanced adenovirus impacts β -cell survival and proliferation differentially in vitro and in vivo. <i>Islets</i> , 2012, 4, 366-378.	0.9	20
13	Cigarette smoke exposure impairs β -cell function through activation of oxidative stress and ceramide accumulation. <i>Molecular Metabolism</i> , 2020, 37, 100975.	3.0	18
14	Lipid mediators and biomarkers associated with type 1 diabetes development. <i>JCI Insight</i> , 2020, 5, .	2.3	15
15	A high-fat diet catalyzes progression to hyperglycemia in mice with selective impairment of insulin action in Glut4-expressing tissues. <i>Journal of Biological Chemistry</i> , 2022, 298, 101431.	1.6	8
16	Offspring of Obese Dams Exhibit Sex-Differences in Pancreatic Heparan Sulfate Glycosaminoglycans and Islet Insulin Secretion. <i>Frontiers in Endocrinology</i> , 2021, 12, 658439.	1.5	7
17	68722 Role of ER calcium in beta cell senescence and diabetes pathophysiology. <i>Journal of Clinical and Translational Science</i> , 2021, 5, 16-17.	0.3	0