

# Allison L Brill

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

606  
citations

932766

10  
h-index

1058022

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

957  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of Affinity Tags for Protein Purification. <i>Current Protocols in Protein Science</i> , 2013, 73, 9.9.1-9.9.23.	2.8	205
2	Glucagon stimulates gluconeogenesis by INSP3R1-mediated hepatic lipolysis. <i>Nature</i> , 2020, 579, 279-283.	13.7	110
3	Polycystin 2 regulates mitochondrial Ca <sup>2+</sup> signaling, bioenergetics, and dynamics through mitofusin 2. <i>Science Signaling</i> , 2019, 12, .	1.6	70
4	Enriching Islet Phospholipids With Eicosapentaenoic Acid Reduces Prostaglandin E2 Signaling and Enhances Diabetic $\beta$ -Cell Function. <i>Diabetes</i> , 2017, 66, 1572-1585.	0.3	41
5	BOK controls apoptosis by Ca <sup>2+</sup> transfer through ER-mitochondrial contact sites. <i>Cell Reports</i> , 2021, 34, 108827.	2.9	30
6	Polycystin 2: A calcium channel, channel partner, and regulator of calcium homeostasis in ADPKD. <i>Cellular Signalling</i> , 2020, 66, 109490.	1.7	27
7	Synergy Between $G\alpha z$ Deficiency and GLP-1 Analog Treatment in Preserving Functional $\beta$ -Cell Mass in Experimental Diabetes. <i>Molecular Endocrinology</i> , 2016, 30, 543-556.	3.7	26
8	The Inhibitory G Protein $\beta$ -Subunit, $G\alpha z$ , Promotes Type 1 Diabetes-Like Pathophysiology in NOD Mice. <i>Endocrinology</i> , 2017, 158, 1645-1658.	1.4	21
9	Neuronal Calcium Sensor 1 is upregulated in response to stress to promote cell survival and motility in cancer cells. <i>Molecular Oncology</i> , 2020, 14, 1134-1151.	2.1	17
10	Agonist-independent $G\alpha z$ activity negatively regulates beta-cell compensation in a diet-induced obesity model of type 2 diabetes. <i>Journal of Biological Chemistry</i> , 2021, 296, 100056.	1.6	14
11	Contractile work directly modulates mitochondrial protein levels in human engineered heart tissues. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H1516-H1524.	1.5	13
12	Polycystin 2 is increased in disease to protect against stress-induced cell death. <i>Scientific Reports</i> , 2020, 10, 386.	1.6	13
13	Human Islet Expression Levels of Prostaglandin E <sub>2</sub> Synthetic Enzymes, But Not Prostaglandin EP3 Receptor, Are Positively Correlated with Markers of $\beta$ -Cell Function and Mass in Nondiabetic Obesity. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1338-1348.	2.5	10
14	The gastrin-releasing peptide analog bombesin preserves exocrine and endocrine pancreas morphology and function during parenteral nutrition. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G431-G442.	1.6	9
15	Elucidating the role of inhibitory G protein, G <sub>z</sub> , in $\beta$ -cell preservation and regeneration (1062.3). <i>FASEB Journal</i> , 2014, 28, 1062.3.	0.2	0
16	Altering beta-cell phospholipid composition affects diabetic beta-cell dysfunction (796.15). <i>FASEB Journal</i> , 2014, 28, 796.15.	0.2	0
17	Mimicking the Diabetic State in the Non-Diabetic $\beta$ -cell to Elucidate Critical Pathways in $\beta$ -cell Dysfunction. <i>FASEB Journal</i> , 2015, 29, 974.16.	0.2	0
18	The Inhibitory G protein, G <sub>z</sub> , Accelerates the Progression of Insulitis and Hyperglycemia in a Type 1 Diabetes Mouse Model. <i>FASEB Journal</i> , 2015, 29, 973.1.	0.2	0