

# Linford Briant

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8913597/publications.pdf>

Version: 2024-02-01

24  
papers

1,234  
citations

516561

16  
h-index

610775

24  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1812  
citing authors

#	ARTICLE	IF	CITATIONS
1	Leader $\beta$ -cells coordinate $Ca^{2+}$ dynamics across pancreatic islets in vivo. <i>Nature Metabolism</i> , 2019, 1, 615-629.	5.1	128
2	Unilateral Carotid Body Resection in Resistant Hypertension. <i>JACC Basic To Translational Science</i> , 2016, 1, 313-324.	1.9	118
3	$\delta$ -cells and $\beta$ -cells are electrically coupled and regulate $\beta$ -cell activity via somatostatin. <i>Journal of Physiology</i> , 2018, 596, 197-215.	1.3	117
4	Insulin inhibits glucagon release by SGLT2-induced stimulation of somatostatin secretion. <i>Nature Communications</i> , 2019, 10, 139.	5.8	117
5	Glucagon secretion from pancreatic $\delta$ -cells. <i>Uppsala Journal of Medical Sciences</i> , 2016, 121, 113-119.	0.4	108
6	Quantifying sympathetic neurohaemodynamic transduction at rest in humans: insights into sex, ageing and blood pressure control. <i>Journal of Physiology</i> , 2016, 594, 4753-4768.	1.3	85
7	GLP-1 suppresses glucagon secretion in human pancreatic alpha-cells by inhibition of P/Q-type $Ca^{2+}$ channels. <i>Physiological Reports</i> , 2018, 6, e13852.	0.7	71
8	CPT1a-Dependent Long-Chain Fatty Acid Oxidation Contributes to Maintaining Glucagon Secretion from Pancreatic Islets. <i>Cell Reports</i> , 2018, 23, 3300-3311.	2.9	71
9	Sympathetic regulation of blood pressure in normotension and hypertension: when sex matters. <i>Experimental Physiology</i> , 2016, 101, 219-229.	0.9	62
10	Functional identification of islet cell types by electrophysiological fingerprinting. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20160999.	1.5	45
11	Beta-cell hubs maintain $Ca^{2+}$ oscillations in human and mouse islet simulations. <i>Islets</i> , 2018, 10, 151-167.	0.9	43
12	Reduced somatostatin signalling leads to hypersecretion of glucagon in mice fed a high-fat diet. <i>Molecular Metabolism</i> , 2020, 40, 101021.	3.0	39
13	Heterogenous impairment of $\delta$ cell function in type 2 diabetes is linked to cell maturation state. <i>Cell Metabolism</i> , 2022, 34, 256-268.e5.	7.2	39
14	Somatostatin secretion by $Na^{+}$ -dependent $Ca^{2+}$ -induced $Ca^{2+}$ release in pancreatic delta cells. <i>Nature Metabolism</i> , 2020, 2, 32-40.	5.1	26
15	Wellbeing, alcohol use and sexual activity in young teenagers: findings from a cross-sectional survey in school children in North West England. <i>Substance Abuse Treatment, Prevention, and Policy</i> , 2010, 5, 27.	1.0	23
16	Respiratory modulated sympathetic activity: a putative mechanism for developing vascular resistance?. <i>Journal of Physiology</i> , 2015, 593, 5341-5360.	1.3	23
17	Arginine-vasopressin mediates counter-regulatory glucagon release and is diminished in type 1 diabetes. <i>ELife</i> , 2021, 10, .	2.8	20
18	Vitamin-D-Binding Protein Contributes to the Maintenance of $\delta$ Cell Function and Glucagon Secretion. <i>Cell Reports</i> , 2020, 31, 107761.	2.9	19

#	ARTICLE	IF	CITATIONS
19	Mapping the cellular electrophysiology of rat sympathetic preganglionic neurones to their roles in cardiorespiratory reflex integration: a whole cell recording study in situ. <i>Journal of Physiology</i> , 2014, 592, 2215-2236.	1.3	15
20	The Big Drink Debate: perceptions of the impact of price on alcohol consumption from a large scale cross-sectional convenience survey in north west England. <i>BMC Public Health</i> , 2011, 11, 664.	1.2	14
21	Increased intrinsic excitability of muscle vasoconstrictor preganglionic neurons may contribute to the elevated sympathetic activity in hypertensive rats. <i>Journal of Neurophysiology</i> , 2014, 112, 2756-2778.	0.9	14
22	Innervation modulates the functional connectivity between pancreatic endocrine cells. <i>ELife</i> , 2022, 11, .	2.8	11
23	Modelling the vascular response to sympathetic postganglionic nerve activity. <i>Journal of Theoretical Biology</i> , 2015, 371, 102-116.	0.8	10
24	Gap junction coupling and islet delta-cell function in health and disease. <i>Peptides</i> , 2022, 147, 170704.	1.2	10