

# 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

516215

16  
h-index

610482

24  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1812  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gap junction coupling and islet delta-cell function in health and disease. <i>Peptides</i> , 2022, 147, 170704.	1.2	10
2	Heterogenous impairment of $\hat{I}\pm$ cell function in type 2 diabetes is linked to cell maturation state. <i>Cell Metabolism</i> , 2022, 34, 256-268.e5.	7.2	39
3	Innervation modulates the functional connectivity between pancreatic endocrine cells. <i>ELife</i> , 2022, 11, .	2.8	11
4	Arginine-vasopressin mediates counter-regulatory glucagon release and is diminished in type 1 diabetes. <i>ELife</i> , 2021, 10, .	2.8	20
5	Vitamin-D-Binding Protein Contributes to the Maintenance of $\hat{I}\pm$ Cell Function and Glucagon Secretion. <i>Cell Reports</i> , 2020, 31, 107761.	2.9	19
6	Somatostatin secretion by $\text{Na}^+$ -dependent $\text{Ca}^{2+}$ -induced $\text{Ca}^{2+}$ release in pancreatic delta cells. <i>Nature Metabolism</i> , 2020, 2, 32-40.	5.1	26
7	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
8	Leader $\hat{I}^2$ -cells coordinate $\text{Ca}^{2+}$ dynamics across pancreatic islets in vivo. <i>Nature Metabolism</i> , 2019, 1, 615-629.	5.1	128
9	Insulin inhibits glucagon release by SGLT2-induced stimulation of somatostatin secretion. <i>Nature Communications</i> , 2019, 10, 139.	5.8	117
10	$\hat{I}^1$ cells and $\hat{I}^2$ cells are electrically coupled and regulate $\hat{I}\pm$ cell activity via somatostatin. <i>Journal of Physiology</i> , 2018, 596, 197-215.	1.3	117
11	GLP-1 suppresses glucagon secretion in human pancreatic alpha-cells by inhibition of P/Q-type $\text{Ca}^{2+}$ channels. <i>Physiological Reports</i> , 2018, 6, e13852.	0.7	71
12	Beta-cell hubs maintain $\text{Ca}^{2+}$ oscillations in human and mouse islet simulations. <i>Islets</i> , 2018, 10, 151-167.	0.9	43
13	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
14	Functional identification of islet cell types by electrophysiological fingerprinting. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20160999.	1.5	45
15	Sympathetic regulation of blood pressure in normotension and hypertension: when sex matters. <i>Experimental Physiology</i> , 2016, 101, 219-229.	0.9	62
16	Glucagon secretion from pancreatic $\hat{I}\pm$ -cells. <i>Uppsala Journal of Medical Sciences</i> , 2016, 121, 113-119.	0.4	108
17	Unilateral Carotid Body Resection in Resistant Hypertension. <i>JACC Basic To Translational Science</i> , 2016, 1, 313-324.	1.9	118
18	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

#	ARTICLE	IF	CITATIONS
19	Respiratory modulated sympathetic activity: a putative mechanism for developing vascular resistance?. Journal of Physiology, 2015, 593, 5341-5360.	1.3	23
20	Modelling the vascular response to sympathetic postganglionic nerve activity. Journal of Theoretical Biology, 2015, 371, 102-116.	0.8	10
21	Increased intrinsic excitability of muscle vasoconstrictor preganglionic neurons may contribute to the elevated sympathetic activity in hypertensive rats. Journal of Neurophysiology, 2014, 112, 2756-2778.	0.9	14
22	Mapping the cellular electrophysiology of rat sympathetic preganglionic neurones to their roles in cardiorespiratory reflex integration: a whole cell recording study in situ. Journal of Physiology, 2014, 592, 2215-2236.	1.3	15
23	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. BMC Public Health, 2011, 11, 664.	1.2	14
24	Wellbeing, alcohol use and sexual activity in young teenagers: findings from a cross-sectional survey in school children in North West England. Substance Abuse Treatment, Prevention, and Policy, 2010, 5, 27.	1.0	23