# Linford Briant

List of Publications by Year
in descending order



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|---|---|---|---|
| 24 papers | 1,234 citations | 516710 16 h-index | 610901 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. Peptides, 2022, 147, 170704. | 2.4 | 10 |
| 2 | Heterogenous impairment of Î± cell function in type 2 diabetes is linked to cell maturation state. Cell Metabolism, 2022, 34, 256-268.e5. | 16.2 | 39 |
| 3 | Innervation modulates the functional connectivity between pancreatic endocrine cells. ELife, 2022, 11, . | 6.0 | 11 |
| 4 | Arginine-vasopressin mediates counter-regulatory glucagon release and is diminished in type 1 diabetes. ELife, 2021, 10, . | 6.0 | 20 |
| 5 | Vitamin-D-Binding Protein Contributes to the Maintenance of Î± Cell Function and Glucagon Secretion. Cell Reports, 2020, 31, 107761. | 6.4 | 19 |
| 6 | Somatostatin secretion by Na+-dependent Ca2+-induced Ca2+ release in pancreatic delta cells. Nature Metabolism, 2020, 2, 32-40. | 11.9 | 26 |
| 7 | Reduced somatostatin signalling leads to hypersecretion of glucagon in mice fed a high-fat diet. Molecular Metabolism, 2020, 40, 101021. | 6.5 | 39 |
| 8 | Leader Î²-cells coordinate Ca2+ dynamics across pancreatic islets in vivo. Nature Metabolism, 2019, 1, 615-629. | 11.9 | 128 |
| 9 | Insulin inhibits glucagon release by SGLT2-induced stimulation of somatostatin secretion. Nature Communications, 2019, 10, 139. | 12.8 | 117 |
| 10 | Î´â€cells and Î²â€cells are electrically coupled and regulate Î±â€cell activity via somatostatin. Journal of Physiology, 2018, 596, 197-215. | 2.9 | 117 |
| 11 | GLP-1 suppresses glucagon secretion in human pancreatic alpha-cells by inhibition of P/Q-type Ca<sup>2+</sup> channels. Physiological Reports, 2018, 6, e13852. | 1.7 | 71 |
| 12 | Beta-cell hubs maintain Ca<sup>2+</sup> oscillations in human and mouse islet simulations. Islets, 2018, 10, 151-167. | 1.8 | 43 |
| 13 | CPT1a-Dependent Long-Chain Fatty Acid Oxidation Contributes to Maintaining Glucagon Secretion from Pancreatic Islets. Cell Reports, 2018, 23, 3300-3311. | 6.4 | 71 |
| 14 | Functional identification of islet cell types by electrophysiological fingerprinting. Journal of the Royal Society Interface, 2017, 14, 20160999. | 3.4 | 45 |
| 15 | Sympathetic regulation of blood pressure in normotension and hypertension: when sex matters. Experimental Physiology, 2016, 101, 219-229. | 2.0 | 62 |
| 16 | Glucagon secretion from pancreatic Î±-cells. Upsala Journal of Medical Sciences, 2016, 121, 113-119. | 0.9 | 108 |
| 17 | Unilateral Carotid Body Resection inÂResistant Hypertension. JACC Basic To Translational Science, 2016, 1, 313-324. | 4.1 | 118 |
| 18 | Quantifying sympathetic neuroâ€haemodynamic transduction at rest in humans: insights into sex, ageing and blood pressure control. Journal of Physiology, 2016, 594, 4753-4768. | 2.9 | 85 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Respiratory modulated sympathetic activity: a putative mechanism for developing vascular resistance?. Journal of Physiology, 2015, 593, 5341-5360. | 2.9 | 23 |
| 20 | Modelling the vascular response to sympathetic postganglionic nerve activity. Journal of Theoretical Biology, 2015, 371, 102-116. | 1.7 | 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. | 1.8 | 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. | 2.9 | 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. | 2.9 | 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. | 2.2 | 23 |