Sarah A Stanley

List of Publications by Year
in descending order

32 papers	1,457 citations	623734 14 h-index	580821 25 g-index
35 all docs	35 docs citations	35 times ranked	2516 citing authors

#	Article	IF	Citations
1	Unravelling innervation of pancreatic islets. Diabetologia, 2022, 65, 1069-1084.	6.3	26
2	Mapping and specific viral targeting of peripheral pancreatic innervation. FASEB Journal, 2022, 36, .	0.5	0
3	Mapping and targeted viral activation of pancreatic nerves in mice reveal their roles in the regulation of glucose metabolism. Nature Biomedical Engineering, 2022, 6, 1298-1316.	22.5	10
4	Acromelic dysplasias: how rare musculoskeletal disorders reveal biological functions of extracellular matrix proteins. Annals of the New York Academy of Sciences, 2021, 1490, 57-76.	3.8	20
5	Optical Clearing and 3D Analysis Optimized for Mouse and Human Pancreata. Bio-protocol, 2021, 11, e4103.	0.4	3
6	A 3D atlas of the dynamic and regional variation of pancreatic innervation in diabetes. Science Advances, 2020, 6, .	10.3	33
7	Uncovering a possible role of reactive oxygen species in magnetogenetics. Scientific Reports, 2020, 10, 13096.	3.3	21
8	Stable Knockdown of Genes Encoding Extracellular Matrix Proteins in the C2C12 Myoblast Cell Line Using Small-Hairpin (sh)RNA. Journal of Visualized Experiments, 2020, , .	0.3	2
9	Repurposing erectile dysfunction drugs tadalafil and vardenafil to increase bone mass. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14386-14394.	7.1	16
10	The ADAMTS/Fibrillin Connection: Insights into the Biological Functions of ADAMTS10 and ADAMTS17 and Their Respective Sister Proteases. Biomolecules, 2020, 10, 596.	4.0	27
11	SUN-654 Dynamic and Regional Variation of Pancreatic Innervation in Diabetes. Journal of the Endocrine Society, 2020, 4, .	0.2	0
12	Repeated hypoglycemia remodels neural inputs and disrupts mitochondrial function to blunt glucose-inhibited GHRH neuron responsiveness. JCI Insight, 2020, 5, .	5.0	6
13	Central Mechanisms of Glucose Sensing and Counterregulation in Defense of Hypoglycemia. Endocrine Reviews, 2019, 40, 768-788.	20.1	64
14	Electromagnetic Regulation of Cell Activity. Cold Spring Harbor Perspectives in Medicine, 2019, 9, a034322.	6.2	15
15	Peripheral nerve modulation to treat metabolic disease. Nature Reviews Endocrinology, 2018, 14, 193-194.	9.6	5
16	Investigating metabolic regulation using targeted neuromodulation. Annals of the New York Academy of Sciences, 2018, 1411, 83-95.	3.8	5
17	Remote control of glucose-sensing neurons to analyze glucose metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E327-E339.	3.5	9
18	Addicted to love?. Science Translational Medicine, 2017, 9, .	12.4	3

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19	A weighty problem. Science Translational Medicine, 2017, 9, .	12.4	0
20	Plasmonic activation of gold nanorods for remote stimulation of calcium signaling and protein expression in HEK 293T cells. Biotechnology and Bioengineering, 2016, 113, 2228-2240.	3.3	14
21	Bidirectional electromagnetic control of the hypothalamus regulates feeding and metabolism. Nature, 2016, 531, 647-650.	27.8	212
22	Diabetes: The roles of brains, brawn, and brown fat?. Science Translational Medicine, 2016, 8, .	12.4	0
23	Lighting the path from the gut to the brain. Science Translational Medicine, 2016, 8, .	12.4	0
24	Nature vs. nurture in adipocyte responses to high-fat feeding. Science Translational Medicine, 2016, 8, .	12.4	1
25	A new way to beat the heat. Science Translational Medicine, 2016, 8, .	12.4	0
26	Sweet signals and diabetes: Carbohydrate-binding proteins contribute to insulin resistance. Science Translational Medicine, 2016, 8, 366ec188.	12.4	0
27	Remote regulation of glucose homeostasis in mice using genetically encoded nanoparticles. Nature Medicine, 2015, 21, 92-98.	30.7	189
28	Biological nanoparticles and their influence on organisms. Current Opinion in Biotechnology, 2014, 28, 69-74.	6.6	86
29	FGF19: How gut talks to brain to keep your sugar down. Molecular Metabolism, 2014, 3, 3-4.	6.5	6
30	Profiling of Glucose-Sensing Neurons Reveals that GHRH Neurons Are Activated by Hypoglycemia. Cell Metabolism, 2013, 18, 596-607.	16.2	91
31	Radio-Wave Heating of Iron Oxide Nanoparticles Can Regulate Plasma Glucose in Mice. Science, 2012, 336, 604-608.	12.6	428
32	Identification of neuronal subpopulations that project from hypothalamus to both liver and adipose tissue polysynaptically. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7024-7029.	7.1	161