

Sarah A Stanley

List of Publications by Year in descending order

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Version: 2024-02-01

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	Radio-Wave Heating of Iron Oxide Nanoparticles Can Regulate Plasma Glucose in Mice. <i>Science</i> , 2012, 336, 604-608.	12.6	428
2	Bidirectional electromagnetic control of the hypothalamus regulates feeding and metabolism. <i>Nature</i> , 2016, 531, 647-650.	27.8	212
3	Remote regulation of glucose homeostasis in mice using genetically encoded nanoparticles. <i>Nature Medicine</i> , 2015, 21, 92-98.	30.7	189
4	Identification of neuronal subpopulations that project from hypothalamus to both liver and adipose tissue polysynaptically. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 7024-7029.	7.1	161
5	Profiling of Glucose-Sensing Neurons Reveals that GHRH Neurons Are Activated by Hypoglycemia. <i>Cell Metabolism</i> , 2013, 18, 596-607.	16.2	91
6	Biological nanoparticles and their influence on organisms. <i>Current Opinion in Biotechnology</i> , 2014, 28, 69-74.	6.6	86
7	Central Mechanisms of Glucose Sensing and Counterregulation in Defense of Hypoglycemia. <i>Endocrine Reviews</i> , 2019, 40, 768-788.	20.1	64
8	A 3D atlas of the dynamic and regional variation of pancreatic innervation in diabetes. <i>Science Advances</i> , 2020, 6, .	10.3	33
9	The ADAMTS/Fibrillin Connection: Insights into the Biological Functions of ADAMTS10 and ADAMTS17 and Their Respective Sister Proteases. <i>Biomolecules</i> , 2020, 10, 596.	4.0	27
10	Unravelling innervation of pancreatic islets. <i>Diabetologia</i> , 2022, 65, 1069-1084.	6.3	26
11	Uncovering a possible role of reactive oxygen species in magnetogenetics. <i>Scientific Reports</i> , 2020, 10, 13096.	3.3	21
12	Acromelic dysplasias: how rare musculoskeletal disorders reveal biological functions of extracellular matrix proteins. <i>Annals of the New York Academy of Sciences</i> , 2021, 1490, 57-76.	3.8	20
13	Repurposing erectile dysfunction drugs tadalafil and vardenafil to increase bone mass. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14386-14394.	7.1	16
14	Electromagnetic Regulation of Cell Activity. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2019, 9, a034322.	6.2	15
15	Plasmonic activation of gold nanorods for remote stimulation of calcium signaling and protein expression in HEK 293T cells. <i>Biotechnology and Bioengineering</i> , 2016, 113, 2228-2240.	3.3	14
16	Mapping and targeted viral activation of pancreatic nerves in mice reveal their roles in the regulation of glucose metabolism. <i>Nature Biomedical Engineering</i> , 2022, 6, 1298-1316.	22.5	10
17	Remote control of glucose-sensing neurons to analyze glucose metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E327-E339.	3.5	9
18	FGF19: How gut talks to brain to keep your sugar down. <i>Molecular Metabolism</i> , 2014, 3, 3-4.	6.5	6

#	ARTICLE	IF	CITATIONS
19	Repeated hypoglycemia remodels neural inputs and disrupts mitochondrial function to blunt glucose-inhibited GHRH neuron responsiveness. JCI Insight, 2020, 5, .	5.0	6
20	Peripheral nerve modulation to treat metabolic disease. Nature Reviews Endocrinology, 2018, 14, 193-194.	9.6	5
21	Investigating metabolic regulation using targeted neuromodulation. Annals of the New York Academy of Sciences, 2018, 1411, 83-95.	3.8	5
22	Optical Clearing and 3D Analysis Optimized for Mouse and Human Pancreata. Bio-protocol, 2021, 11, e4103.	0.4	3
23	Addicted to love?. Science Translational Medicine, 2017, 9, .	12.4	3
24	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
25	Nature vs. nurture in adipocyte responses to high-fat feeding. Science Translational Medicine, 2016, 8, .	12.4	1
26	Diabetes: The roles of brains, brawn, and brown fat?. Science Translational Medicine, 2016, 8, .	12.4	0
27	Lighting the path from the gut to the brain. Science Translational Medicine, 2016, 8, .	12.4	0
28	A new way to beat the heat. Science Translational Medicine, 2016, 8, .	12.4	0
29	Sweet signals and diabetes: Carbohydrate-binding proteins contribute to insulin resistance. Science Translational Medicine, 2016, 8, 366ec188.	12.4	0
30	A weighty problem. Science Translational Medicine, 2017, 9, .	12.4	0
31	SUN-654 Dynamic and Regional Variation of Pancreatic Innervation in Diabetes. Journal of the Endocrine Society, 2020, 4, .	0.2	0
32	Mapping and specific viral targeting of peripheral pancreatic innervation. FASEB Journal, 2022, 36, .	0.5	0