

Sophie C Payne

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4037137/publications.pdf>

Version: 2024-02-01

10
papers

235
citations

1477746

6
h-index

1372195

10
g-index

11
all docs

11
docs citations

11
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	Blood glucose modulation and safety of efferent vagus nerve stimulation in a type 2 diabetic rat model. <i>Physiological Reports</i> , 2022, 10, e15257.	0.7	13
2	Computational modelling of nerve stimulation and recording with peripheral visceral neural interfaces. <i>Journal of Neural Engineering</i> , 2021, 18, 066020.	1.8	11
3	Transmural impedance detects graded changes of inflammation in experimental colitis. <i>Royal Society Open Science</i> , 2020, 7, 191819.	1.1	2
4	Differential effects of vagus nerve stimulation strategies on glycemia and pancreatic secretions. <i>Physiological Reports</i> , 2020, 8, e14479.	0.7	18
5	Recording of Electrically Evoked Neural Activity and Bladder Pressure Responses in Awake Rats Chronically Implanted With a Pelvic Nerve Array. <i>Frontiers in Neuroscience</i> , 2020, 14, 619275.	1.4	3
6	Anti-inflammatory Effects of Abdominal Vagus Nerve Stimulation on Experimental Intestinal Inflammation. <i>Frontiers in Neuroscience</i> , 2019, 13, 418.	1.4	61
7	Bioelectric neuromodulation for gastrointestinal disorders: effectiveness and mechanisms. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2019, 16, 89-105.	8.2	102
8	An objective in vivo diagnostic method for inflammatory bowel disease. <i>Royal Society Open Science</i> , 2018, 5, 180107.	1.1	4
9	Vagus nerve stimulation to treat inflammatory bowel disease: a chronic, preclinical safety study in sheep. <i>Bioelectronics in Medicine</i> , 2018, 1, 235-250.	2.0	10
10	Modeling experimental recordings of vagal afferent signaling of intestinal inflammation for neuromodulation. <i>Journal of Neural Engineering</i> , 2018, 15, 056032.	1.8	4