Kaitlyn R Knutson

List of Publications by Year
in descending order

10 papers	547 citations	1478505 6 h-index	1588992 8 g-index
10 all docs	10 docs citations	10 times ranked	768 citing authors

#	Article	IF	Citations
1	A population of gut epithelial enterochromaffin cells is mechanosensitive and requires Piezo2 to convert force into serotonin release. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7632-E7641.	7.1	174
2	Mechanosensitive ion channel Piezo2 is important for enterochromaffin cell response to mechanical forces. Journal of Physiology, 2017, 595, 79-91.	2.9	121
3	Neutrophil-induced genomic instability impedes resolution of inflammation and wound healing. Journal of Clinical Investigation, 2019, 129, 712-726.	8.2	117
4	Mechanosensitive ion channel Piezo2 is inhibited by D-GsMTx4. Channels, 2017, 11, 245-253.	2.8	55
5	Specialized Mechanosensory Epithelial Cells in Mouse Gut Intrinsic Tactile Sensitivity. Gastroenterology, 2022, 162, 535-547.e13.	1.3	44
6	Sodium channel NaV1.3 is important for enterochromaffin cell excitability and serotonin release. Scientific Reports, 2017, 7, 15650.	3.3	28
7	A simple automated approach to measure mouse whole gut transit. Neurogastroenterology and Motility, 2021, 33, e13994.	3.0	7
8	The Tâ€type Voltage Gated Calcium Channel Cav3.2 is Important for Enteroendocrine Cell Mechanotransduction. FASEB Journal, 2019, 33, 601.4.	0.5	1
9	Piezo2 Mechanosensitive Ion Channel Role in Primary Enterochromaffin (EC) Cell Mechanosensitivity. FASEB Journal, 2018, 32, 868.3.	0.5	0
10	Studying Murine Small Bowel Mechanosensing of Luminal Particulates. Journal of Visualized Experiments, 2022, , .	0.3	0