

Samata Katta

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

216
citations

1684188

5
h-index

2053705

5
g-index

9
all docs

9
docs citations

9
times ranked

370
citing authors

#	ARTICLE	IF	CITATIONS
1	Progressive recruitment of distal MEC-4 channels determines touch response strength in <i>C. elegans</i> . <i>Journal of General Physiology</i> , 2019, 151, 1213-1230.	1.9	9
2	Somatosensory neurons integrate the geometry of skin deformation and mechanotransduction channels to shape touch sensing. <i>ELife</i> , 2019, 8, .	6.0	14
3	The Dynamics of Somatosensory Mechanotransduction in <i>C. elegans</i> Touch Receptor Neurons. <i>Biophysical Journal</i> , 2018, 114, 18a-19a.	0.5	0
4	Feeling Force: Physical and Physiological Principles Enabling Sensory Mechanotransduction. <i>Annual Review of Cell and Developmental Biology</i> , 2015, 31, 347-371.	9.4	128
5	A "toothache tree"™ alkylamide inhibits \hat{A} mechanonociceptors to alleviate mechanical pain. <i>Journal of Physiology</i> , 2013, 591, 3325-3340.	2.9	59
6	The Plant-Derived Alkylamide, Hydroxy-Alpha-Sanshool, Induces Analgesia through Inhibition of Voltage-Gated Sodium Channels. <i>Biophysical Journal</i> , 2012, 102, 323a.	0.5	5