Santosh Kumar Mishra

List of Publications by Year in descending order

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Version: 2024-02-01

40 papers	2,493 citations	393982 19 h-index	315357 38 g-index
43 all docs	43 docs citations	43 times ranked	3186 citing authors

#	Article	IF	Citations
1	The Cells and Circuitry for Itch Responses in Mice. Science, 2013, 340, 968-971.	6.0	415
2	TRPV1-lineage neurons are required for thermal sensation. EMBO Journal, 2011, 30, 582-593.	3.5	231
3	Circuit dissection of the role of somatostatin in itch and pain. Nature Neuroscience, 2018, 21, 707-716.	7.1	195
4	Extracellular nucleotide signaling in adult neural stem cells: synergism with growth factor-mediated cellular proliferation. Development (Cambridge), 2006, 133, 675-684.	1.2	193
5	Oxidative Stress in Neurodegeneration. Advances in Pharmacological Sciences, 2011, 2011, 1-13.	3.7	180
6	The Cellular Code for Mammalian Thermosensation. Journal of Neuroscience, 2013, 33, 5533-5541.	1.7	165
7	Expression of the ecto-ATPase NTPDase2 in the germinal zones of the developing and adult rat brain. European Journal of Neuroscience, 2003, 17, 1355-1364.	1.2	159
8	Ablation of TrpV1 neurons reveals their selective role in thermal pain sensation. Molecular and Cellular Neurosciences, 2010, 43, 157-163.	1.0	110
9	Molecular Signatures of Mouse TRPV1-Lineage Neurons Revealed by RNA-Seq Transcriptome Analysis. Journal of Pain, 2014, 15, 1338-1359.	0.7	104
10	A truncated peptide from p35, a Cdk5 activator, prevents Alzheimer's disease phenotypes in model mice. FASEB Journal, 2013, 27, 174-186.	0.2	102
11	Exosome proteomic analyses identify inflammatory phenotype and novel biomarkers in African American prostate cancer patients. Cancer Medicine, 2019, 8, 1110-1123.	1.3	69
12	Periostin Activation of Integrin Receptors on Sensory Neurons Induces Allergic Itch. Cell Reports, 2020, 31, 107472.	2.9	69
13	A systems approach for discovering linoleic acid derivatives that potentially mediate pain and itch. Science Signaling, 2017, 10, .	1.6	58
14	Itch-Associated Peptides: RNA-Seq and Bioinformatic Analysis of Natriuretic Precursor Peptide B and Gastrin Releasing Peptide in Dorsal Root and Trigeminal Ganglia, and the Spinal Cord. Molecular Pain, 2014, 10, 1744-8069-10-44.	1.0	54
15	A Nociceptive Signaling Role for Neuromedin B. Journal of Neuroscience, 2012, 32, 8686-8695.	1.7	49
16	Small Molecule Positive Allosteric Modulation of TRPV1 Activation by Vanilloids and Acidic pH. Journal of Pharmacology and Experimental Therapeutics, 2012, 340, 152-160.	1.3	44
17	Janus kinase inhibitors display broad anti-itch properties: AÂpossible link through the TRPV1 receptor. Journal of Allergy and Clinical Immunology, 2017, 140, 306-309.e3.	1.5	35
18	TFP5, a Peptide Inhibitor of Aberrant and Hyperactive Cdk5/p25, Attenuates Pathological Phenotypes and Restores Synaptic Function in CK-p25Tg Mice. Journal of Alzheimer's Disease, 2017, 56, 335-349.	1.2	29

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19	Periostin, an Emerging Player in Itch Sensation. Journal of Investigative Dermatology, 2021, 141, 2338-2343.	0.3	27
20	Dietary Polysaccharides in the Amelioration of Gut Microbiome Dysbiosis and Metabolic Diseases. Obesity & Control Therapies: Open Access, 2017, 4, .	0.3	25
21	TRPV1 and TRPA1 Channels Are Both Involved Downstream of Histamine-Induced Itch. Biomolecules, 2021, 11, 1166.	1.8	24
22	Inflammation Induced Sensory Nerve Growth and Pain Hypersensitivity Requires the N-Type Calcium Channel Cav2.2. Frontiers in Neuroscience, 2019, 13, 1009.	1.4	21
23	Correlation of Artemin and GFRÎ±3 With Osteoarthritis Pain: Early Evidence From Naturally Occurring Osteoarthritis-Associated Chronic Pain in Dogs. Frontiers in Neuroscience, 2020, 14, 77.	1.4	18
24	Transmission of Pruriceptive Signals. Handbook of Experimental Pharmacology, 2015, 226, 151-162.	0.9	17
25	Atopic Dermatitis Linked Cytokine Interleukin-31 Induced Itch Mediated via a Neuropeptide Natriuretic Polypeptide B. Acta Dermato-Venereologica, 2018, 98, 795-796.	0.6	13
26	Differential contribution of sensory transient receptor potential channels in response to the bioactive lipid sphingosine-1-phosphate. Molecular Pain, 2020, 16, 174480692090351.	1.0	12
27	A central role for R7bp in the regulation of itch sensation. Pain, 2017, 158, 931-944.	2.0	11
28	Role of TRP ion channels in pruritus. Neuroscience Letters, 2022, 768, 136379.	1.0	11
29	Role of TRP Channels in Shaping the Gut Microbiome. Pathogens, 2020, 9, 753.	1.2	10
30	Investigating the Role of Artemin and Its Cognate Receptor, GFRÎ±3, in Osteoarthritis Pain. Frontiers in Neuroscience, 2022, 16, 738976.	1.4	9
31	Itch-associated Neuropeptides and Their Receptor Expression in Dog Dorsal Root Ganglia and Spinal Cord. Acta Dermato-Venereologica, 2019, 99, 1131-1135.	0.6	6
32	Brain natriuretic peptide-expressing sensory neurons are not involved in acute, inflammatory, or neuropathic pain. Molecular Pain, 2017, 13, 174480691773699.	1.0	4
33	The emerging role of neuroimmune interactions in atopic dermatitis and itch. FEBS Journal, 2022, 289, 2723-2735.	2.2	4
34	A systematic review of animal models and sex as a variable in itch research. Itch (Philadelphia, Pa), 2020, 5, e40-e40.	1.0	4
35	Serum artemin is not correlated with sensitivity within dogs with naturally occurring osteoarthritis pain. Scientific Reports, 2021, 11, 6682.	1.6	2
36	B-type natriuretic peptide is upregulated by c-Jun N-terminal kinase and contributes to septic hypotension. JCI Insight, 2020, 5, .	2.3	2

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37	Irradiation of the Normal Murine Tongue Causes Upregulation and Activation of Transient Receptor Potential (TRP) Ion Channels. Radiation Research, 2021, 196, 331-344.	0.7	1
38	A Calcium Imaging Approach to Measure Functional Sensitivity of Neurons. Methods in Molecular Biology, 2022, 2413, 97-106.	0.4	1
39	The Role of CNTNAP2 in Itch Sensation. Journal of Investigative Dermatology, 2021, , .	0.3	0
40	Role of Nâ€type Calcium Channels in inflammatory pain and associated sensory nerve growth. FASEB Journal, 2018, 32, 805.24.	0.2	0