Amynah Amir Ali Pradhan

List of Publications by Year
in descending order

48 papers	1,773 citations	279798 23 h-index	276875 41 g-index
51 all docs	51 docs citations	51 times ranked	1685 citing authors

#	Article	IF	Citations
1	The delta opioid receptor: an evolving target for the treatment of brain disorders. Trends in Pharmacological Sciences, 2011, 32, 581-590.	8.7	240
2	Characterization of a novel model of chronic migraine. Pain, 2014, 155, 269-274.	4.2	214
3	Ligandâ€directed signalling within the opioid receptor family. British Journal of Pharmacology, 2012, 167, 960-969.	5.4	122
4	Î´â€Opioid receptor agonists inhibit migraineâ€related hyperalgesia, aversive state and cortical spreading depression in mice. British Journal of Pharmacology, 2014, 171, 2375-2384.	5.4	89
5	Targeted Nitric Oxide Synthase Inhibitors for Migraine. Neurotherapeutics, 2018, 15, 391-401.	4.4	83
6	Morphine-Induced Changes in Î´ Opioid Receptor Trafficking Are Linked to Somatosensory Processing in the Rat Spinal Cord. Journal of Neuroscience, 2004, 24, 5549-5559.	3.6	68
7	The effects of acute and preventive migraine therapies in a mouse model of chronic migraine. Cephalalgia, 2016, 36, 1048-1056.	3.9	66
8	Agonist-Specific Recruitment of Arrestin Isoforms Differentially Modify Delta Opioid Receptor Function. Journal of Neuroscience, 2016, 36, 3541-3551.	3.6	59
9	Delta opioid receptor agonists are effective for multiple types of headache disorders. Neuropharmacology, 2019, 148, 77-86.	4.1	55
10	Select G-Protein-Coupled Receptors Modulate Agonist-Induced Signaling via a ROCK, LIMK, and Î²-Arrestin 1 Pathway. Cell Reports, 2013, 5, 1010-1021.	6.4	45
11	Soluble guanylyl cyclase is a critical regulator of migraine-associated pain. Cephalalgia, 2018, 38, 1471-1484.	3.9	44
12	Chronic Inflammatory Injury Results in Increased Coupling of Delta Opioid Receptors to Voltage-Gated Ca²⁺ Channels. Molecular Pain, 2013, 9, 1744-8069-9-8.	2.1	39
13	Tolerance to highâ€internalizing Î´ opioid receptor agonist is critically mediated by arrestin 2. British Journal of Pharmacology, 2018, 175, 3050-3059.	5.4	37
14	Differential medication overuse risk of novel anti-migraine therapeutics. Brain, 2020, 143, 2681-2688.	7.6	37
15	A PTEN-Regulated Checkpoint Controls Surface Delivery of Î´ Opioid Receptors. Journal of Neuroscience, 2017, 37, 3741-3752.	3.6	35
16	Opioid-Induced Hyperalgesia Is Associated with Dysregulation of Circadian Rhythm and Adaptive Immune Pathways in the Mouse Trigeminal Ganglia and Nucleus Accumbens. Molecular Neurobiology, 2019, 56, 7929-7949.	4.0	34
17	Comparison between ?-opioid receptor functional response and autoradiographic labeling in rat brain and spinal cord. Journal of Comparative Neurology, 2005, 481, 416-426.	1.6	33
18	The development of a mouse model of mTBI-induced post-traumatic migraine, and identification of the delta opioid receptor as a novel therapeutic target. Cephalalgia, 2019, 39, 77-90.	3.9	32

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19	Cell-Autonomous Regulation of Mu-Opioid Receptor Recycling by Substance P. Cell Reports, 2015, 10, 1925-1936.	6.4	30
20	PACAP and Other Neuropeptide Targets Link Chronic Migraine and Opioid-induced Hyperalgesia in Mouse Models*. Molecular and Cellular Proteomics, 2019, 18, 2447-2458.	3.8	30
21	Delta-opioid receptors as targets for migraine therapy. Current Opinion in Neurology, 2016, 29, 314-319.	3.6	27
22	Gene Network Dysregulation in the Trigeminal Ganglia and Nucleus Accumbens of a Model of Chronic Migraine-Associated Hyperalgesia. Frontiers in Systems Neuroscience, 2018, 12, 63.	2.5	27
23	The delta opioid receptor tool box. Neuroscience, 2016, 338, 145-159.	2.3	26
24	Acidâ€sensing ion channel 3 blockade inhibits durovascular and nitric oxideâ€mediated trigeminal pain. British Journal of Pharmacology, 2020, 177, 2478-2486.	5.4	25
25	Modality of hyperalgesia tested, not type of nerve damage, predicts pharmacological sensitivity in rat models of neuropathic pain. European Journal of Pain, 2010, 14, 503-509.	2.8	24
26	Emerging Treatment Targets for Migraine and Other Headaches. Headache, 2019, 59, 50-65.	3.9	22
27	Neuronal complexity is attenuated in preclinical models of migraine and restored by HDAC6 inhibition. ELife, 2021, 10, .	6.0	21
28	Sequential and opposing alterations of 5-HT1A receptor function during withdrawal from chronic morphine. European Neuropsychopharmacology, 2011, 21, 835-840.	0.7	20
29	From blast to bench: A translational miniâ€review of posttraumatic headache. Journal of Neuroscience Research, 2017, 95, 1347-1354.	2.9	20
30	Mechanisms of the Potentiation by Adenosine of Adenosine Triphosphateâ€“Induced Calcium Release in Tracheal Smooth-Muscle Cells. American Journal of Respiratory Cell and Molecular Biology, 1999, 21, 30-36.	2.9	18
31	Role of rat sensory neuron-specific receptor (rSNSR1) in inflammatory pain: Contribution of TRPV1 to SNSR signaling in the pain pathway. Pain, 2009, 143, 130-137.	4.2	18
32	Forebrain delta opioid receptors regulate the response of delta agonist in models of migraine and opioid-induced hyperalgesia. Scientific Reports, 2020, 10, 17629.	3.3	16
33	NOP receptor agonist attenuates nitroglycerin-induced migraine-like symptoms in mice. Neuropharmacology, 2020, 170, 108029.	4.1	16
34	Effect of Histone Deacetylase Inhibitor on Ethanol Withdrawal-Induced Hyperalgesia in Rats. International Journal of Neuropsychopharmacology, 2019, 22, 523-527.	2.1	15
35	A nonâ€convulsant deltaâ€opioid receptor agonist, KNTâ€127, reduces cortical spreading depression and nitroglycerinâ€induced allodynia. Headache, 2021, 61, 170-178.	3.9	15
36	Delta opioid receptor regulation of calcitonin geneâ€related peptide dynamics in the trigeminal complex. Pain, 2021, 162, 2297-2308.	4.2	14

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37	Pain, Motivation, Migraine, and the Microbiome: New Frontiers for Opioid Systems and Disease. Molecular Pharmacology, 2020, 98, 433-444.	2.3	9
38	Migraine and peripheral pain models show differential alterations in neuronal complexity. Headache, 2022, 62, 780-791.	3.9	9
39	In Vivo Techniques to Investigate the Internalization Profile of Opioid Receptors. Methods in Molecular Biology, 2015, 1230, 87-104.	0.9	8
40	Alternative Splicing Mechanisms Underlying Opioid-Induced Hyperalgesia. Genes, 2021, 12, 1570.	2.4	7
41	Ligand-Directed Signaling at the Delta Opioid Receptor. Handbook of Experimental Pharmacology, 2017, 247, 73-85.	1.8	6
42	Advancing our commitment to our peer reviewers. Headache, 2021, 61, 1299-1301.	3.9	5
43	Enhanced Understanding of Molecular Interactions and Function Underlying Pain Processes Through Networks of Transcript Isoforms, Genes, and Gene Families. Advances and Applications in Bioinformatics and Chemistry, 2021, Volume 14, 49-69.	2.6	4
44	Evaluation of cre recombinase delivery in mammalian cells using baculovirus infection. Journal of Biotechnology, 2013, 166, 182-186.	3.8	3
45	Delta opioid receptors in Nav1.8 expressing peripheral neurons partially regulate the effect of delta agonist in models of migraine and opioid-induced hyperalgesia. Neurobiology of Pain (Cambridge, Mass) Tj ETQq1 1 0.784314 rgBT /Ove	2.6	4
46	Seq-ing the mechanisms of migraine. Neuron, 2022, 110, 1745-1746.	8.1	1
47	Advances in migraine and headache therapy (BJP 75th anniversary). British Journal of Pharmacology, 2022, 179, 355-357.	5.4	0
48	Headache basic science prize. Headache, 2022, 62, 221-222.	3.9	0