

Amynah Amir Ali Pradhan

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,773
citations

279701

23
h-index

276775

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. <i>Trends in Pharmacological Sciences</i> , 2011, 32, 581-590. | 4.0 | 240 |
| 2 | Characterization of a novel model of chronic migraine. <i>Pain</i> , 2014, 155, 269-274. | 2.0 | 214 |
| 3 | Ligand-directed signalling within the opioid receptor family. <i>British Journal of Pharmacology</i> , 2012, 167, 960-969. | 2.7 | 122 |
| 4 | Î²-Opioid receptor agonists inhibit migraine-related hyperalgesia, aversive state and cortical spreading depression in mice. <i>British Journal of Pharmacology</i> , 2014, 171, 2375-2384. | 2.7 | 89 |
| 5 | Targeted Nitric Oxide Synthase Inhibitors for Migraine. <i>Neurotherapeutics</i> , 2018, 15, 391-401. | 2.1 | 83 |
| 6 | Morphine-Induced Changes in Î² Opioid Receptor Trafficking Are Linked to Somatosensory Processing in the Rat Spinal Cord. <i>Journal of Neuroscience</i> , 2004, 24, 5549-5559. | 1.7 | 68 |
| 7 | The effects of acute and preventive migraine therapies in a mouse model of chronic migraine. <i>Cephalalgia</i> , 2016, 36, 1048-1056. | 1.8 | 66 |
| 8 | Agonist-Specific Recruitment of Arrestin Isoforms Differentially Modify Delta Opioid Receptor Function. <i>Journal of Neuroscience</i> , 2016, 36, 3541-3551. | 1.7 | 59 |
| 9 | Delta opioid receptor agonists are effective for multiple types of headache disorders. <i>Neuropharmacology</i> , 2019, 148, 77-86. | 2.0 | 55 |
| 10 | Select G-Protein-Coupled Receptors Modulate Agonist-Induced Signaling via a ROCK, LIMK, and Î²-Arrestin 1 Pathway. <i>Cell Reports</i> , 2013, 5, 1010-1021. | 2.9 | 45 |
| 11 | Soluble guanylyl cyclase is a critical regulator of migraine-associated pain. <i>Cephalalgia</i> , 2018, 38, 1471-1484. | 1.8 | 44 |
| 12 | Chronic Inflammatory Injury Results in Increased Coupling of Delta Opioid Receptors to Voltage-Gated Ca ²⁺ Channels. <i>Molecular Pain</i> , 2013, 9, 1744-8069-9-8. | 1.0 | 39 |
| 13 | Tolerance to high-intensity internalizing Î² opioid receptor agonist is critically mediated by arrestin 2. <i>British Journal of Pharmacology</i> , 2018, 175, 3050-3059. | 2.7 | 37 |
| 14 | Differential medication overuse risk of novel anti-migraine therapeutics. <i>Brain</i> , 2020, 143, 2681-2688. | 3.7 | 37 |
| 15 | A PTEN-Regulated Checkpoint Controls Surface Delivery of Î² Opioid Receptors. <i>Journal of Neuroscience</i> , 2017, 37, 3741-3752. | 1.7 | 35 |
| 16 | Opioid-Induced Hyperalgesia Is Associated with Dysregulation of Circadian Rhythm and Adaptive Immune Pathways in the Mouse Trigeminal Ganglia and Nucleus Accumbens. <i>Molecular Neurobiology</i> , 2019, 56, 7929-7949. | 1.9 | 34 |
| 17 | Comparison between Î²-opioid receptor functional response and autoradiographic labeling in rat brain and spinal cord. <i>Journal of Comparative Neurology</i> , 2005, 481, 416-426. | 0.9 | 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. <i>Cephalalgia</i> , 2019, 39, 77-90. | 1.8 | 32 |

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|----|---|-----|-----------|
| 19 | Cell-Autonomous Regulation of Mu-Opioid Receptor Recycling by Substance P. <i>Cell Reports</i> , 2015, 10, 1925-1936. | 2.9 | 30 |
| 20 | PACAP and Other Neuropeptide Targets Link Chronic Migraine and Opioid-induced Hyperalgesia in Mouse Models*. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 2447-2458. | 2.5 | 30 |
| 21 | Delta-opioid receptors as targets for migraine therapy. <i>Current Opinion in Neurology</i> , 2016, 29, 314-319. | 1.8 | 27 |
| 22 | Gene Network Dysregulation in the Trigeminal Ganglia and Nucleus Accumbens of a Model of Chronic Migraine-Associated Hyperalgesia. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 63. | 1.2 | 27 |
| 23 | The delta opioid receptor tool box. <i>Neuroscience</i> , 2016, 338, 145-159. | 1.1 | 26 |
| 24 | Acid-sensing ion channel 3 blockade inhibits durovascular and nitric oxide-mediated trigeminal pain. <i>British Journal of Pharmacology</i> , 2020, 177, 2478-2486. | 2.7 | 25 |
| 25 | Modality of hyperalgesia tested, not type of nerve damage, predicts pharmacological sensitivity in rat models of neuropathic pain. <i>European Journal of Pain</i> , 2010, 14, 503-509. | 1.4 | 24 |
| 26 | Emerging Treatment Targets for Migraine and Other Headaches. <i>Headache</i> , 2019, 59, 50-65. | 1.8 | 22 |
| 27 | Neuronal complexity is attenuated in preclinical models of migraine and restored by HDAC6 inhibition. <i>ELife</i> , 2021, 10, . | 2.8 | 21 |
| 28 | Sequential and opposing alterations of 5-HT1A receptor function during withdrawal from chronic morphine. <i>European Neuropsychopharmacology</i> , 2011, 21, 835-840. | 0.3 | 20 |
| 29 | From blast to bench: A translational mini-review of posttraumatic headache. <i>Journal of Neuroscience Research</i> , 2017, 95, 1347-1354. | 1.3 | 20 |
| 30 | Mechanisms of the Potentiation by Adenosine of Adenosine Triphosphate-Induced Calcium Release in Tracheal Smooth-Muscle Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 21, 30-36. | 1.4 | 18 |
| 31 | Role of rat sensory neuron-specific receptor (rSNSR1) in inflammatory pain: Contribution of TRPV1 to SNSR signaling in the pain pathway. <i>Pain</i> , 2009, 143, 130-137. | 2.0 | 18 |
| 32 | Forebrain delta opioid receptors regulate the response of delta agonist in models of migraine and opioid-induced hyperalgesia. <i>Scientific Reports</i> , 2020, 10, 17629. | 1.6 | 16 |
| 33 | NOP receptor agonist attenuates nitroglycerin-induced migraine-like symptoms in mice. <i>Neuropharmacology</i> , 2020, 170, 108029. | 2.0 | 16 |
| 34 | Effect of Histone Deacetylase Inhibitor on Ethanol Withdrawal-Induced Hyperalgesia in Rats. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 523-527. | 1.0 | 15 |
| 35 | A non-convulsant delta-opioid receptor agonist, KNT127, reduces cortical spreading depression and nitroglycerin-induced allodynia. <i>Headache</i> , 2021, 61, 170-178. | 1.8 | 15 |
| 36 | Delta opioid receptor regulation of calcitonin gene-related peptide dynamics in the trigeminal complex. <i>Pain</i> , 2021, 162, 2297-2308. | 2.0 | 14 |

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|----|---|-----|-----------|
| 37 | Pain, Motivation, Migraine, and the Microbiome: New Frontiers for Opioid Systems and Disease. <i>Molecular Pharmacology</i> , 2020, 98, 433-444. | 1.0 | 9 |
| 38 | Migraine and peripheral pain models show differential alterations in neuronal complexity. <i>Headache</i> , 2022, 62, 780-791. | 1.8 | 9 |
| 39 | In Vivo Techniques to Investigate the Internalization Profile of Opioid Receptors. <i>Methods in Molecular Biology</i> , 2015, 1230, 87-104. | 0.4 | 8 |
| 40 | Alternative Splicing Mechanisms Underlying Opioid-Induced Hyperalgesia. <i>Genes</i> , 2021, 12, 1570. | 1.0 | 7 |
| 41 | Ligand-Directed Signaling at the Delta Opioid Receptor. <i>Handbook of Experimental Pharmacology</i> , 2017, 247, 73-85. | 0.9 | 6 |
| 42 | Advancing our commitment to our peer reviewers. <i>Headache</i> , 2021, 61, 1299-1301. | 1.8 | 5 |
| 43 | Enhanced Understanding of Molecular Interactions and Function Underlying Pain Processes Through Networks of Transcript Isoforms, Genes, and Gene Families. <i>Advances and Applications in Bioinformatics and Chemistry</i> , 2021, Volume 14, 49-69. | 1.6 | 4 |
| 44 | Evaluation of cre recombinase delivery in mammalian cells using baculovirus infection. <i>Journal of Biotechnology</i> , 2013, 166, 182-186. | 1.9 | 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. <i>Neurobiology of Pain (Cambridge, Mass)</i> Tj ETQq1 1.0784314 rgBT /C | 1.0 | 1 |
| 46 | Seq-ing the mechanisms of migraine. <i>Neuron</i> , 2022, 110, 1745-1746. | 3.8 | 1 |
| 47 | Advances in migraine and headache therapy (BJP 75th anniversary). <i>British Journal of Pharmacology</i> , 2022, 179, 355-357. | 2.7 | 0 |
| 48 | <i>Headache</i> basic science prize. <i>Headache</i> , 2022, 62, 221-222. | 1.8 | 0 |