

Tally M Largent-Milnes

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,634
citations

257450

24
h-index

330143

37
g-index

69
all docs

69
docs citations

69
times ranked

2003
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Novel d-amino acid tetrapeptides produce potent antinociception by selectively acting at peripheral δ -opioid receptors. <i>European Journal of Pharmacology</i> , 2008, 583, 62-72. | 3.5 | 88 |
| 2 | Long-lasting antinociceptive effects of green light in acute and chronic pain in rats. <i>Pain</i> , 2017, 158, 347-360. | 4.2 | 81 |
| 3 | Sphingosine-1-phosphate receptor 1 activation in astrocytes contributes to neuropathic pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10557-10562. | 7.1 | 76 |
| 4 | A cannabinoid 2 receptor agonist attenuates bone cancer-induced pain and bone loss. <i>Life Sciences</i> , 2010, 86, 646-653. | 4.3 | 71 |
| 5 | A membrane-delimited N-myristoylated CRMP2 peptide aptamer inhibits CaV2.2 trafficking and reverses inflammatory and postoperative pain behaviors. <i>Pain</i> , 2015, 156, 1247-1264. | 4.2 | 71 |
| 6 | Synergistic attenuation of chronic pain using mu opioid and cannabinoid receptor 2 agonists. <i>Neuropharmacology</i> , 2017, 116, 59-70. | 4.1 | 70 |
| 7 | Oxycodone Plus Ultra-Low-Dose Naltrexone Attenuates Neuropathic Pain and Associated δ -Opioid Receptor α -Gs Coupling. <i>Journal of Pain</i> , 2008, 9, 700-713. | 1.4 | 64 |
| 8 | Disease modification of breast cancer-induced bone remodeling by cannabinoid 2 receptor agonists. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 92-107. | 2.8 | 64 |
| 9 | Targeting the S1P/S1PR1 axis mitigates cancer-induced bone pain and neuroinflammation. <i>Pain</i> , 2017, 158, 1733-1742. | 4.2 | 55 |
| 10 | A Structure-Activity Relationship Study and Combinatorial Synthetic Approach of C-Terminal Modified Bifunctional Peptides That Are δ / μ Opioid Receptor Agonists and Neurokinin 1 Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 1369-1376. | 6.4 | 48 |
| 11 | A Novel Angiotensin-(1-7) Glycosylated Mas Receptor Agonist for Treating Vascular Cognitive Impairment and Inflammation-Related Memory Dysfunction. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 369, 9-25. | 2.5 | 47 |
| 12 | Angiotensin-(1-7)/Mas receptor as an antinociceptive agent in cancer-induced bone pain. <i>Pain</i> , 2016, 157, 2709-2721. | 4.2 | 46 |
| 13 | Cdk5-mediated CRMP2 phosphorylation is necessary and sufficient for peripheral neuropathic pain. <i>Neurobiology of Pain (Cambridge, Mass)</i> , 2019, 5, 100022. | 2.5 | 46 |
| 14 | Repeated morphine treatment-mediated hyperalgesia, allodynia and spinal glial activation are blocked by co-administration of a selective cannabinoid receptor type-2 agonist. <i>Journal of Neuroimmunology</i> , 2012, 244, 23-31. | 2.3 | 43 |
| 15 | Activation of descending pain-facilitatory pathways from the rostral ventromedial medulla by cholecystokinin elicits release of prostaglandin-E2 in the spinal cord. <i>Pain</i> , 2012, 153, 86-94. | 4.2 | 41 |
| 16 | Use of Animal Models in Understanding Cancer-induced Bone Pain. <i>Cancer Growth and Metastasis</i> , 2015, 8s1, CGM.S21215. | 3.5 | 39 |
| 17 | Glial neuroimmune signaling in opioid reward. <i>Brain Research Bulletin</i> , 2020, 155, 102-111. | 3.0 | 33 |
| 18 | Recently patented and promising ORL-1 ligands: where have we been and where are we going?. <i>Expert Opinion on Therapeutic Patents</i> , 2010, 20, 291-305. | 5.0 | 32 |

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|----|---|------|-----------|
| 19 | Novel peptide ligands with dual acting pharmacophores designed for the pathophysiology of neuropathic pain. <i>Brain Research</i> , 2011, 1395, 1-11. | 2.2 | 32 |
| 20 | The cystine/glutamate antiporter system xc ⁻ drives breast tumor cell glutamate release and cancer-induced bone pain. <i>Pain</i> , 2016, 157, 2605-2616. | 4.2 | 32 |
| 21 | Tachykinin NK1 receptor antagonist co-administration attenuates opioid withdrawal-mediated spinal microglia and astrocyte activation. <i>European Journal of Pharmacology</i> , 2012, 684, 64-70. | 3.5 | 31 |
| 22 | Discovery of a Potent and Efficacious Peptide Derivative for μ Opioid Agonist/Neurokinin 1 Antagonist Activity with a 2,6-Dimethyl-L-Tyrosine: In vitro, In vivo, and NMR-Based Structural Studies. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 2029-2038. | 6.4 | 30 |
| 23 | Chronic Morphine-Induced Changes in Signaling at the A ₃ Adenosine Receptor Contribute to Morphine-Induced Hyperalgesia, Tolerance, and Withdrawal. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 374, 331-341. | 2.5 | 30 |
| 24 | Peripherally restricted cannabinoid 1 receptor agonist as a novel analgesic in cancer-induced bone pain. <i>Pain</i> , 2018, 159, 1814-1823. | 4.2 | 29 |
| 25 | Loss of Blood-Brain Barrier Integrity in a KCl-Induced Model of Episodic Headache Enhances CNS Drug Delivery. <i>ENeuro</i> , 2018, 5, ENEURO.0116-18.2018. | 1.9 | 26 |
| 26 | Analgesic Potential of Terpenes Derived from <i>Cannabis sativa</i> . <i>Pharmacological Reviews</i> , 2021, 73, 1269-1297. | 16.0 | 25 |
| 27 | Capsaicin-responsive corneal afferents do not contain TRPV1 at their central terminals in trigeminal nucleus caudalis in rats. <i>Journal of Chemical Neuroanatomy</i> , 2014, 61-62, 1-12. | 2.1 | 23 |
| 28 | Sex differences in the expression of the endocannabinoid system within V1M cortex and PAG of Sprague Dawley rats. <i>Biology of Sex Differences</i> , 2021, 12, 60. | 4.1 | 23 |
| 29 | Acute visceral pain relief mediated by A3AR agonists in rats: involvement of N-type voltage-gated calcium channels. <i>Pain</i> , 2020, 161, 2179-2190. | 4.2 | 21 |
| 30 | Synthesis and Structure-Activity Relationships of 5-Aryl-14-alkoxy-pyridomorphinans: Identification of a μ Opioid Receptor Agonist/ μ Opioid Receptor Antagonist Ligand with Systemic Antinociceptive Activity and Diminished Opioid Side Effects. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 7663-7694. | 6.4 | 21 |
| 31 | Remote ischemic conditioning preserves cognition and motor coordination in a mouse model of traumatic brain injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 1074-1081. | 2.1 | 19 |
| 32 | A Kappa Opioid Receptor Agonist Blocks Bone Cancer Pain Without Altering Bone Loss, Tumor Size, or Cancer Cell Proliferation in a Mouse Model of Cancer-Induced Bone Pain. <i>Journal of Pain</i> , 2018, 19, 612-625. | 1.4 | 19 |
| 33 | Activation of sphingosine-1-phosphate receptor subtype 1 in the central nervous system contributes to morphine-induced hyperalgesia and antinociceptive tolerance in rodents. <i>Pain</i> , 2020, 161, 2107-2118. | 4.2 | 19 |
| 34 | Discovery of Novel Multifunctional Ligands with μ Opioid Agonist/Neurokinin-1 (NK1) Antagonist Activities for the Treatment of Pain. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8573-8583. | 6.4 | 16 |
| 35 | 17 β -Estradiol induces spreading depression and pain behavior in alert female rats. <i>Oncotarget</i> , 2017, 8, 114109-114122. | 1.8 | 16 |
| 36 | Chronic morphine exposure potentiates p-glycoprotein trafficking from nuclear reservoirs in cortical rat brain microvessels. <i>PLoS ONE</i> , 2018, 13, e0192340. | 2.5 | 15 |

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|----|--|------|-----------|
| 37 | External QX-314 inhibits evoked cranial primary afferent synaptic transmission independent of TRPV1. <i>Journal of Neurophysiology</i> , 2014, 112, 2697-2706. | 1.8 | 14 |
| 38 | Physiological temperatures drive glutamate release onto trigeminal superficial dorsal horn neurons. <i>Journal of Neurophysiology</i> , 2014, 111, 2222-2231. | 1.8 | 12 |
| 39 | Animal models for opioid addiction drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2014, 9, 1345-1354. | 5.0 | 12 |
| 40 | Truncation of the peptide sequence in bifunctional ligands with mu and delta opioid receptor agonist and neurokinin 1 receptor antagonist activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4975-4978. | 2.2 | 11 |
| 41 | Structure-Activity Relationships of [des-Arg ⁷]Dynorphin A Analogues at the μ Opioid Receptor. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 10291-10298. | 6.4 | 11 |
| 42 | Continuous remote ischemic conditioning attenuates cognitive and motor deficits from moderate traumatic brain injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 48-53. | 2.1 | 11 |
| 43 | DAGL \pm Inhibition as a Non-invasive and Translational Model of Episodic Headache. <i>Frontiers in Pharmacology</i> , 2020, 11, 615028. | 3.5 | 11 |
| 44 | Green Light Antinociceptive and Reversal of Thermal and Mechanical Hypersensitivity Effects Rely on Endogenous Opioid System Stimulation. <i>Journal of Pain</i> , 2021, 22, 1646-1656. | 1.4 | 11 |
| 45 | β IV-spectrin as a stalk cell-intrinsic regulator of VEGF signaling. <i>Nature Communications</i> , 2022, 13, 1326. | 12.8 | 11 |
| 46 | Design and synthesis of novel bivalent ligands (MOR and DOR) by conjugation of enkephalin analogues with 4-anilidopiperidine derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4683-4688. | 2.2 | 10 |
| 47 | Regulation of mitochondrial fission by GIPC-mediated Drp1 retrograde transport. <i>Molecular Biology of the Cell</i> , 2022, 33, mbcE21060286. | 2.1 | 10 |
| 48 | Temperature Differentially Facilitates Spontaneous but Not Evoked Glutamate Release from Cranial Visceral Primary Afferents. <i>PLoS ONE</i> , 2015, 10, e0127764. | 2.5 | 9 |
| 49 | Cannabinoid-2 Agonism with AM2301 Mitigates Morphine-Induced Respiratory Depression. <i>Cannabis and Cannabinoid Research</i> , 2021, 6, 401-412. | 2.9 | 8 |
| 50 | Heat shock protein 90 inhibitors block the antinociceptive effects of opioids in mouse chemotherapy-induced neuropathy and cancer bone pain models. <i>Pain</i> , 2020, 161, 1798-1807. | 4.2 | 8 |
| 51 | Functional NHE1 expression is critical to blood brain barrier integrity and sumatriptan blood to brain uptake. <i>PLoS ONE</i> , 2020, 15, e0227463. | 2.5 | 8 |
| 52 | The Effects of Repeated Morphine Treatment on the Endogenous Cannabinoid System in the Ventral Tegmental Area. <i>Frontiers in Pharmacology</i> , 2021, 12, 632757. | 3.5 | 8 |
| 53 | Animal Models for the Study of Bone-Derived Pain. <i>Methods in Molecular Biology</i> , 2019, 1914, 391-407. | 0.9 | 6 |
| 54 | Brain Penetrant, but not Peripherally Restricted, Synthetic Cannabinoid 1 Receptor Agonists Promote Morphine-Mediated Respiratory Depression. <i>Cannabis and Cannabinoid Research</i> , 2021, , . | 2.9 | 5 |

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|----|--|-----|-----------|
| 55 | Enkephalin analogues with N-phenyl-N-(piperidin-2-ylmethyl)propionamide derivatives: Synthesis and biological evaluations. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 222-227. | 2.2 | 4 |
| 56 | An underrepresented majority: A systematic review utilizing allodynic criteria to examine the present scarcity of discrete animal models for episodic migraine. <i>Cephalalgia</i> , 2021, 41, 404-416. | 3.9 | 4 |
| 57 | Sex hormones regulate NHE1 functional expression and brain endothelial proteome to control paracellular integrity of the blood endothelial barrier. <i>Brain Research</i> , 2021, 1763, 147448. | 2.2 | 4 |
| 58 | Discovery of 5-substituted tetrahydronaphthalen-2-yl-methyl with N-phenyl-N-(piperidin-4-yl)propionamide derivatives as potent opioid receptor ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 6185-6194. | 3.0 | 2 |
| 59 | Extracellular Alterations in pH and K ⁺ Modify the Murine Brain Endothelial Cell Total and Phospho-Proteome. <i>Pharmaceutics</i> , 2022, 14, 1469. | 4.5 | 1 |
| 60 | Editorial: Novel Molecular Targets for the Treatment of Pain. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 625714. | 2.9 | 0 |
| 61 | Angiotensinâ€(1â€7) as an Antinociceptive Agent in Cancerâ€Induced Bone Pain. <i>FASEB Journal</i> , 2015, 29, 897.4. | 0.5 | 0 |
| 62 | Effect of Centruroides Antivenom on Reversal of Methamphetamine-Induced Hyperkinesia and Hyperthermia in Rats. <i>Journal of Pharmaceutics & Pharmacology</i> , 2017, 5, 1-5. | 0.5 | 0 |
| 63 | Title is missing!. , 2020, 15, e0227463. | | 0 |
| 64 | Title is missing!. , 2020, 15, e0227463. | | 0 |
| 65 | Title is missing!. , 2020, 15, e0227463. | | 0 |
| 66 | Title is missing!. , 2020, 15, e0227463. | | 0 |