# Mark Connor

List of Publications by Year
in descending order

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| | | 50170 | 58464 |
|---|---|---|---|
| 134 | 7,336 | 46 | 82 |
| papers | citations | h-index | g-index |

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|---|---|---|---|
| 142 | 142 | 142 | 7096 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | How opioids inhibit GABA-mediated neurotransmission. Nature, 1997, 390, 611-614. | 13.7 | 468 |
| 2 | Cannabinoid CB2 receptor ligand profiling reveals biased signalling and off-target activity. Nature Communications, 2017, 8, 13958. | 5.8 | 265 |
| 3 | Opioids: cellular mechanisms of tolerance and physical dependence. Current Opinion in Pharmacology, 2005, 5, 60-68. | 1.7 | 244 |
| 4 | The Concise Guide to PHARMACOLOGY 2015/16: Overview. British Journal of Pharmacology, 2015, 172, 5729-5743. | 2.7 | 220 |
| 5 | Low intrinsic efficacy for G protein activation can explain the improved side effect profiles of new opioid agonists. Science Signaling, 2020, 13, . | 1.6 | 219 |
| 6 | Pharmacology of Valinate and tert-Leucinate Synthetic Cannabinoids 5F-AMBICA, 5F-AMB, 5F-ADB, AMB-FUBINACA, MDMB-FUBINACA, MDMB-CHMICA, and Their Analogues. ACS Chemical Neuroscience, 2016, 7, 1241-1254. | 1.7 | 214 |
| 7 | OPIOID RECEPTOR SIGNALLING MECHANISMS. Clinical and Experimental Pharmacology and Physiology, 1999, 26, 493-499. | 0.9 | 207 |
| 8 | Nociceptin receptor coupling to a potassium conductance in rat locus coeruleus neurones in vitro. British Journal of Pharmacology, 1996, 119, 1614-1618. | 2.7 | 206 |
| 9 | Pharmacology of Indole and Indazole Synthetic Cannabinoid Designer Drugs AB-FUBINACA, ADB-FUBINACA, AB-PINACA, ADB-PINACA, 5F-AB-PINACA, 5F-ADB-PINACA, ADBICA, and 5F-ADBICA. ACS Chemical Neuroscience, 2015, 6, 1546-1559. | 1.7 | 202 |
| 10 | Discovery and characterization of a family of insecticidal neurotoxins with a rare vicinal disulfide bridge. Nature Structural Biology, 2000, 7, 505-513. | 9.7 | 194 |
| 11 | The effect of nociceptin on Ca<sup>2+</sup> channel current and intracellular Ca<sup>2+</sup> in the SHâ€Y5Y5Y human neuroblastoma cell line. British Journal of Pharmacology, 1996, 118, 205-207. | 2.7 | 193 |
| 12 | The structure of a novel insecticidal neurotoxin, Ï‰-atracotoxin-HV1, from the venom of an Australian funnel web spider. Nature Structural Biology, 1997, 4, 559-566. | 9.7 | 172 |
| 13 | Gingerols: a novel class of vanilloid receptor (VR1) agonists. British Journal of Pharmacology, 2002, 137, 793-798. | 2.7 | 171 |
| 14 | Inhibition of Recombinant Human T-type Calcium Channels by Î”9-Tetrahydrocannabinol and Cannabidiol. Journal of Biological Chemistry, 2008, 283, 16124-16134. | 1.6 | 168 |
| 15 | Effects of Bioisosteric Fluorine in Synthetic Cannabinoid Designer Drugs JWH-018, AM-2201, UR-144, XLR-11, PB-22, 5F-PB-22, APICA, and STS-135. ACS Chemical Neuroscience, 2015, 6, 1445-1458. | 1.7 | 167 |
| 16 | Cannabinoid CB<sub>1</sub>and CB<sub>2</sub>Receptor Signaling and Bias. Cannabis and Cannabinoid Research, 2017, 2, 48-60. | 1.5 | 165 |
| 17 | The Concise Guide to PHARMACOLOGY 2013/14: Overview. British Journal of Pharmacology, 2013, 170, 1449-1458. | 2.7 | 153 |
| 18 | Enhanced Opioid Efficacy in Opioid Dependence Is Caused by an Altered Signal Transduction Pathway. Journal of Neuroscience, 1998, 18, 10269-10276. | 1.7 | 150 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Capsaicin activation of glutamatergic synaptic transmission in the rat locus coeruleus In vitro. Journal of Physiology, 2002, 543, 531-540. | 1.3 | 146 |
| 20 | Opioid Agonists Have Different Efficacy Profiles for G Protein Activation, Rapid Desensitization, and Endocytosis of Mu-opioid Receptors. Journal of Biological Chemistry, 2003, 278, 18776-18784. | 1.6 | 142 |
| 21 | Modulation of Ca2+channel currents of acutely dissociated rat periaqueductal grey neurons. Journal of Physiology, 1998, 509, 47-58. | 1.3 | 108 |
| 22 | Î¼ -Opioid receptor desensitization: Is morphine different?. British Journal of Pharmacology, 2004, 143, 685-696. | 2.7 | 99 |
| 23 | Realâ€time characterization of cannabinoid receptor 1 (<scp>CB</scp><sub>1</sub>) allosteric modulators reveals novel mechanism of action. British Journal of Pharmacology, 2013, 170, 893-907. | 2.7 | 97 |
| 24 | Accelerating the search for the missing proteins in the human proteome. Nature Communications, 2017, 8, 14271. | 5.8 | 86 |
| 25 | Absence of Entourage: Terpenoids Commonly Found inCannabis sativaDo Not Modulate the Functional Activity of Î”<sup>9</sup>-THC at Human CB<sub>1</sub>and CB<sub>2</sub>Receptors. Cannabis and Cannabinoid Research, 2019, 4, 165-176. | 1.5 | 84 |
| 26 | The Synthesis and Pharmacological Evaluation of Adamantane-Derived Indoles: Cannabimimetic Drugs of Abuse. ACS Chemical Neuroscience, 2013, 4, 1081-1092. | 1.7 | 80 |
| 27 | Discovery and Structure of a Potent and Highly Specific Blocker of Insect Calcium Channels. Journal of Biological Chemistry, 2001, 276, 40306-40312. | 1.6 | 79 |
| 28 | Nociceptin inhibits calcium channel currents in a subpopulation of small nociceptive trigeminal ganglion neurons in mouse. Journal of Physiology, 2001, 536, 35-47. | 1.3 | 79 |
| 29 | Cellular Actions Of Opioids And Other Analgesics: Implications For Synergism In Pain Relief. Clinical and Experimental Pharmacology and Physiology, 2000, 27, 520-523. | 0.9 | 76 |
| 30 | Nâ€Acyl amino acids and Nâ€acyl neurotransmitter conjugates: neuromodulators and probes for new drug targets. British Journal of Pharmacology, 2010, 160, 1857-1871. | 2.7 | 76 |
| 31 | The Chemistry and Pharmacology of Synthetic Cannabinoid Receptor Agonists as New Psychoactive Substances: Origins. Handbook of Experimental Pharmacology, 2018, 252, 165-190. | 0.9 | 73 |
| 32 | Opioid tolerance in periaqueductal gray neurons isolated from mice chronically treated with morphine. British Journal of Pharmacology, 2005, 146, 68-76. | 2.7 | 72 |
| 33 | Anandamide is a partial agonist at native vanilloid receptors in acutely isolated mouse trigeminal sensory neurons. British Journal of Pharmacology, 2002, 137, 421-428. | 2.7 | 68 |
| 34 | Cannabichromene is a cannabinoid CB<sub>2</sub> receptor agonist. British Journal of Pharmacology, 2019, 176, 4537-4547. | 2.7 | 68 |
| 35 | Î¼-opioid receptor modulation of calcium channel current in periaqueductal grey neurons from C57B16/J mice and mutant mice lacking MOR-1. British Journal of Pharmacology, 1999, 126, 1553-1558. | 2.7 | 65 |
| 36 | Inhibition of human recombinant Tâ€type calcium channels by the endocannabinoid Nâ€arachidonoyl dopamine. British Journal of Pharmacology, 2009, 156, 740-750. | 2.7 | 65 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | The Chemistry and Pharmacology of Synthetic Cannabinoid Receptor Agonist New Psychoactive Substances: Evolution. Handbook of Experimental Pharmacology, 2018, 252, 191-226. | 0.9 | 64 |
| 38 | A Continuous, Fluorescence-based Assay of Âμ-Opioid Receptor Activation in AtT-20 Cells. Journal of Biomolecular Screening, 2013, 18, 269-276. | 2.6 | 61 |
| 39 | Î´â€•and Î¼â€•opioid receptor mobilization of intracellular calcium in SHâ€SY5Y human neuroblastoma cells. British Journal of Pharmacology, 1996, 117, 333-340. | 2.7 | 58 |
| 40 | Isolation and pharmacological characterisation of Î´-atracotoxin-Hv1b, a vertebrate-selective sodium channel toxin. FEBS Letters, 2000, 470, 293-299. | 1.3 | 56 |
| 41 | Dark Classics in Chemical Neuroscience: Î”<sup>9</sup>-Tetrahydrocannabinol. ACS Chemical Neuroscience, 2019, 10, 2160-2175. | 1.7 | 55 |
| 42 | Trigeminal ganglion neuron subtypeâ€specific alterations of Ca<sub>V</sub>2.1 calcium current and excitability in aâ€‚Cacna1aâ€‚mouse model of migraine. Journal of Physiology, 2011, 589, 5879-5895. | 1.3 | 53 |
| 43 | Pharmacology of Cumyl-Carboxamide Synthetic Cannabinoid New Psychoactive Substances (NPS) CUMYL-BICA, CUMYL-PICA, CUMYL-5F-PICA, CUMYL-5F-PINACA, and Their Analogues. ACS Chemical Neuroscience, 2017, 8, 2159-2167. | 1.7 | 53 |
| 44 | TRPV1 Antagonists as a Potential Treatment for Hyperalgesia. Recent Patents on CNS Drug Discovery, 2006, 1, 65-76. | 0.9 | 52 |
| 45 | Actions of nociceptin/orphanin FQ and other prepronociceptin products on rat rostral ventromedial medulla neurons in vitro. Journal of Physiology, 2001, 534, 849-859. | 1.3 | 51 |
| 46 | Contrasting Phenotypes of Putative Proprioceptive and Nociceptive Trigeminal Neurons Innervating Jaw Muscle in Rat. Molecular Pain, 2005, 1, 1744-8069-1-31. | 1.0 | 47 |
| 47 | Isolation of a funnel-web spider polypeptide with homology to mamba intestinal toxin 1 and the embryonic head inducer Dickkopf-1. Toxicon, 2000, 38, 429-442. | 0.8 | 46 |
| 48 | In vitro determination of the efficacy of illicit synthetic cannabinoids at CB<sub>1</sub> receptors. British Journal of Pharmacology, 2019, 176, 4653-4665. | 2.7 | 46 |
| 49 | Synthesis and pharmacology of new psychoactive substance 5Fâ€CUMYLâ€P7AICA, a scaffoldâ€•hopping analog of synthetic cannabinoid receptor agonists 5Fâ€CUMYLâ€PICA and 5Fâ€CUMYLâ€PINACA. Drug Testing and Analysis, 2019, 11, 279-291. | 1.6 | 45 |
| 50 | Î´-Atracotoxins from Australian Funnel-web Spiders Compete with Scorpion Î±-Toxin Binding but Differentially Modulate Alkaloid Toxin Activation of Voltage-gated Sodium Channels. Journal of Biological Chemistry, 1998, 273, 27076-27083. | 1.6 | 44 |
| 51 | Synthesis and Pharmacological Profiling of the Metabolites of Synthetic Cannabinoid Drugs APICA, STS-135, ADB-PINACA, and 5F-ADB-PINACA. ACS Chemical Neuroscience, 2017, 8, 1673-1680. | 1.7 | 42 |
| 52 | Lack of functional expression of NMDA receptors in PC12 cells. NeuroToxicology, 2007, 28, 876-885. | 1.4 | 40 |
| 53 | Nociceptin, Phe1 Ψ-nociceptin1-13 , nocistatin and prepronociceptin154-181 effects on calcium channel currents and a potassium current in rat locus coeruleus in vitro. British Journal of Pharmacology, 1999, 128, 1779-1787. | 2.7 | 39 |
| 54 | The Role of Opioid Receptor Phosphorylation and Trafficking in Adaptations to Persistent Opioid Treatment. NeuroSignals, 2005, 14, 290-302. | 0.5 | 39 |

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| 55 | Continued morphine modulation of calcium channel currents in acutely isolated locus coeruleus neurons from morphine-dependent rats. British Journal of Pharmacology, 1999, 128, 1561-1569. | 2.7 | 38 |
| 56 | Terpenoids Commonly Found in Cannabis sativa Do Not Modulate the Actions of Phytocannabinoids or Endocannabinoids on TRPA1 and TRPV1 Channels. Cannabis and Cannabinoid Research, 2020, 5, 305-317. | 1.5 | 38 |
| 57 | Sumatriptan Inhibits Synaptic Transmission in the Rat Midbrain Periaqueductal Grey. Molecular Pain, 2008, 4, 1744-8069-4-54. | 1.0 | 37 |
| 58 | Prostaglandin E2inhibits calcium current in two subâ€populations of acutely isolated mouse trigeminal sensory neurons. Journal of Physiology, 2002, 539, 433-444. | 1.3 | 35 |
| 59 | The 2-alkyl-2H-indazole regioisomers of synthetic cannabinoids AB-CHMINACA, AB-FUBINACA, AB-PINACA, and 5F-AB-PINACA are possible manufacturing impurities with cannabimimetic activities. Forensic Toxicology, 2016, 34, 286-303. | 1.4 | 35 |
| 60 | CUMYL-4CN-BINACA Is an Efficacious and Potent Pro-Convulsant Synthetic Cannabinoid Receptor Agonist. Frontiers in Pharmacology, 2019, 10, 595. | 1.6 | 32 |
| 61 | Neuropeptide Y Y2 receptor and somatostatin sst2 receptor coupling to mobilization of intracellular calcium in SH-SY5Y human neuroblastoma cells. British Journal of Pharmacology, 1997, 120, 455-463. | 2.7 | 29 |
| 62 | High-resolution solution structure of gurmarin, a sweet-taste-suppressing plant polypeptide. FEBS Journal, 1999, 264, 525-533. | 0.2 | 29 |
| 63 | Î²â€Arrestinâ€2 knockout prevents development of cellular Î¼â€opioid receptor tolerance but does not affect opioidâ€withdrawalâ€related adaptations in single <scp>PAG</scp> neurons. British Journal of Pharmacology, 2015, 172, 492-500. | 2.7 | 29 |
| 64 | Ligand determinants of fatty acid activation of the pronociceptive ion channel TRPA1. PeerJ, 2014, 2, e248. | 0.9 | 29 |
| 65 | Distinct Temporal Fingerprint for Cyclic Adenosine Monophosphate (cAMP) Signaling of Indole-2-carboxamides as Allosteric Modulators of the Cannabinoid Receptors. Journal of Medicinal Chemistry, 2015, 58, 5979-5988. | 2.9 | 28 |
| 66 | Cellular actions of somatostatin on rat periaqueductal grey neurons in vitro. British Journal of Pharmacology, 2004, 142, 1273-1280. | 2.7 | 26 |
| 67 | Structureâ€“activity relationships of synthetic cannabinoid designer drug RCS-4 and its regioisomers and C4 homologues. Forensic Toxicology, 2015, 33, 355-366. | 1.4 | 26 |
| 68 | Decreased Î¼ -opioid receptor signalling and a reduction in calcium current density in sensory neurons from chronically morphine-treated mice. British Journal of Pharmacology, 2006, 148, 947-955. | 2.7 | 24 |
| 69 | Buprenorphine signalling is compromised at the <scp>N</scp>40<scp>D</scp> polymorphism of the human Î¼ opioid receptor in vitro. British Journal of Pharmacology, 2014, 171, 4273-4288. | 2.7 | 24 |
| 70 | Identification of Nâ€arachidonoyl dopamine as a highly biased ligand at cannabinoid CB<sub>1</sub> receptors. British Journal of Pharmacology, 2016, 173, 115-127. | 2.7 | 23 |
| 71 | Î´-opioid Receptor Mobilization of Intracellular Calcium in SH-SY5Y Cells: Lack of Evidence for Î´-receptor Subtypes. Neuropharmacology, 1997, 36, 125-133. | 2.0 | 22 |
| 72 | Cortistatin increase of a potassium conductance in rat locus coeruleus in vitro. British Journal of Pharmacology, 1997, 122, 1567-1572. | 2.7 | 22 |

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|---|---|---|---|
| 73 | Allopurinol for pain relief: more than just crystal clearance?. British Journal of Pharmacology, 2009, 156, 4-6. | 2.7 | 21 |
| 74 | Focal stimulation of specific pathways in the rat hippocampus causes a reduction in radioligand binding to the haloperidol-sensitive sigma receptor. Experimental Brain Research, 1991, 85, 528-36. | 0.7 | 19 |
| 75 | Convulsant actions of calycanthine. Toxicology and Applied Pharmacology, 2003, 190, 58-64. | 1.3 | 19 |
| 76 | Constitutively Active Î¼-Opioid Receptors. Methods in Enzymology, 2010, 484, 445-469. | 0.4 | 19 |
| 77 | Cellular signalling of nonâ€synonymous singleâ€nucleotide polymorphisms of the human Î¼â€opioid receptor (<scp>OPRM</scp>1). British Journal of Pharmacology, 2015, 172, 349-363. | 2.7 | 19 |
| 78 | Strategies to develop selective CB2 receptor agonists from indole carboxamide synthetic cannabinoids. European Journal of Medicinal Chemistry, 2019, 180, 291-309. | 2.6 | 19 |
| 79 | Inhibition of human recombinant Tâ€type calcium channels by Nâ€arachidonoyl 5â€HT. British Journal of Pharmacology, 2012, 167, 1076-1088. | 2.7 | 18 |
| 80 | Wideâ€field timeâ€gated photoluminescence microscopy for fast ultrahighâ€sensitivity imaging of photoluminescent probes. Journal of Biophotonics, 2016, 9, 848-858. | 1.1 | 17 |
| 81 | The chemistry and pharmacology of putative synthetic cannabinoid receptor agonist (SCRA) new psychoactive substances (NPS) 5Fâ€PYâ€PICA, 5Fâ€PYâ€PINACA, and their analogs. Drug Testing and Analysis, 2019, 11, 976-989. | 1.6 | 17 |
| 82 | Differential activation of G proteinâ€mediated signaling by synthetic cannabinoid receptor agonists. Pharmacology Research and Perspectives, 2020, 8, e00566. | 1.1 | 16 |
| 83 | Modulation of human T-type calcium channels by synthetic cannabinoid receptor agonists in vitro. Neuropharmacology, 2021, 187, 108478. | 2.0 | 16 |
| 84 | Sex differences in the expression of serotonin-synthesizing enzymes in mouse trigeminal ganglia. Neuroscience, 2011, 199, 429-437. | 1.1 | 15 |
| 85 | Targeting somatostatin receptors usingin situ-bioconjugated fluorescent nanoparticles. Nanomedicine, 2012, 7, 1551-1560. | 1.7 | 15 |
| 86 | Development of Bright and Biocompatible Nanoruby and Its Application to Background-Free Time-Gated Imaging of G-Protein-Coupled Receptors. ACS Applied Materials & Interfaces, 2017, 9, 39197-39208. | 4.0 | 14 |
| 87 | Exploring Stereochemical and Conformational Requirements at Cannabinoid Receptors for Synthetic Cannabinoids Related to SDB-006, 5F-SDB-006, CUMYL-PICA, and 5F-CUMYL-PICA. ACS Chemical Neuroscience, 2020, 11, 3672-3682. | 1.7 | 14 |
| 88 | In Search of a Role for the Morphine Metabolite Morphine-3-Glucuronide. Anesthesia and Analgesia, 2003, 97, 311-312. | 1.1 | 13 |
| 89 | Î´-opioid receptor-mediated actions on rostral ventromedial medulla neurons. Neuroscience, 2005, 132, 239-244. | 1.1 | 13 |
| 90 | A Real-Time, Fluorescence-Based Assay for Measuring Âµ-Opioid Receptor Modulation of Adenylyl Cyclase Activity in Chinese Hamster Ovary Cells. Journal of Biomolecular Screening, 2014, 19, 223-231. | 2.6 | 13 |

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| 91 | Synthesis and in vitro evaluation of fluorine-18 benzimidazole sulfones as CB2 PET-radioligands. Organic and Biomolecular Chemistry, 2019, 17, 5086-5098. | 1.5 | 13 |
| 92 | Inhibition of human recombinant Tâ€type calcium channels by phytocannabinoids in vitro. British Journal of Pharmacology, 2022, 179, 4031-4043. | 2.7 | 13 |
| 93 | Has the sun set on Îº 3 -opioid receptors?. British Journal of Pharmacology, 2006, 147, 349-350. | 2.7 | 12 |
| 94 | Pharmacological Characterization of a Recombinant, Fluorescent Somatostatin Receptor Agonist. Bioconjugate Chemistry, 2011, 22, 1768-1775. | 1.8 | 12 |
| 95 | The chemistry and pharmacology of synthetic cannabinoid SDBâ€006 and its regioisomeric fluorinated and methoxylated analogs. Drug Testing and Analysis, 2018, 10, 1099-1109. | 1.6 | 12 |
| 96 | A systematic literature review and meta-analysis of the effect of psilocybin and methylenedioxymethamphetamine on mental, behavioural or developmental disorders. Australian and New Zealand Journal of Psychiatry, 2023, 57, 362-378. | 1.3 | 12 |
| 97 | Methanandamide activation of a novel current in mouse trigeminal ganglion sensory neurons in vitro. Neuropharmacology, 2008, 54, 172-180. | 2.0 | 11 |
| 98 | Flexible analogues of WAY-267,464: Synthesis and pharmacology at the human oxytocin and vasopressin 1 a receptors. European Journal of Medicinal Chemistry, 2016, 108, 730-740. | 2.6 | 11 |
| 99 | New-generation azaindole-adamantyl-derived synthetic cannabinoids. Forensic Toxicology, 2019, 37, 350-365. | 1.4 | 11 |
| 100 | Î´ and Î¼ opioid receptor mobilization of intracellular calcium in neuroblastoma cells. Regulatory Peptides, 1994, 54, 65-66. | 1.9 | 10 |
| 101 | Quantifying the Kinetics of Signaling and Arrestin Recruitment by Nervous System G-Protein Coupled Receptors. Frontiers in Cellular Neuroscience, 2021, 15, 814547. | 1.8 | 10 |
| 102 | <scp>A</scp>6<scp>V</scp> polymorphism of the human <scp>Î¼</scp>â€opioid receptor decreases signalling of morphine and endogenous opioids in vitro. British Journal of Pharmacology, 2015, 172, 2258-2272. | 2.7 | 9 |
| 103 | Fluorescence-Based, High-Throughput Assays for Î¼-Opioid Receptor Activation Using a Membrane Potential-Sensitive Dye. Methods in Molecular Biology, 2015, 1230, 177-185. | 0.4 | 9 |
| 104 | Opioid receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, . | 0.2 | 9 |
| 105 | Bradykinin Inhibition of N- and L-type Calcium Channel Currents in NG108-15 Cells. Neuropharmacology, 1997, 36, 115-124. | 2.0 | 8 |
| 106 | Towards a Receptor for Nocistatin?. British Journal of Pharmacology, 2007, 152, 415-416. | 2.7 | 8 |
| 107 | Polysialic Acid Regulates Sympathetic Outflow by Facilitating Information Transfer within the Nucleus of the Solitary Tract. Journal of Neuroscience, 2017, 37, 6558-6574. | 1.7 | 8 |
| 108 | Shadows across Î¼â€Star? Constitutively active Î¼â€opioid receptors revisited. British Journal of Pharmacology, 2009, 156, 1041-1043. | 2.7 | 7 |

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| 109 | Synthesis and evaluation of various heteroaromatic benzamides as analogues of â€“ylidene-benzamide cannabinoid type 2 receptor agonists. Tetrahedron Letters, 2019, 60, 151019. | 0.7 | 7 |
| 110 | Modulation of Recombinant Human T-Type Calcium Channels by Î”<sup>9</sup>-Tetrahydrocannabinolic Acid In Vitro. Cannabis and Cannabinoid Research, 2022, 7, 34-45. | 1.5 | 7 |
| 111 | Brodifacoum does not modulate human cannabinoid receptor-mediated hyperpolarization of AtT20 cells or inhibition of adenylyl cyclase in HEK 293 cells. PeerJ, 2019, 7, e7733. | 0.9 | 7 |
| 112 | The potentiating effect of calcitonin gene-related peptide on transient receptor potential vanilloid-1 activity and the electrophysiological responses of rat trigeminal neurons to nociceptive stimuli. Journal of Physiological Sciences, 2018, 68, 261-268. | 0.9 | 6 |
| 113 | Conformationally rigid derivatives of WAY-267,464: Synthesis and pharmacology at the human oxytocin and vasopressin-1a receptors. European Journal of Medicinal Chemistry, 2018, 143, 1644-1656. | 2.6 | 6 |
| 114 | The discovery of a potent and selective pyrazolo-[2,3-e]-[1,2,4]-triazine cannabinoid type 2 receptor agonist. European Journal of Medicinal Chemistry, 2021, 210, 113087. | 2.6 | 6 |
| 115 | Tapentadol shows lower intrinsic efficacy at Âμ receptor than morphine and oxycodone. Pharmacology Research and Perspectives, 2022, 10, e00921. | 1.1 | 6 |
| 116 | Defining Steric Requirements at CB<sub>1</sub> and CB<sub>2</sub> Cannabinoid Receptors Using Synthetic Cannabinoid Receptor Agonists 5F-AB-PINACA, 5F-ADB-PINACA, PX-1, PX-2, NNL-1, and Their Analogues. ACS Chemical Neuroscience, 2022, 13, 1281-1295. | 1.7 | 6 |
| 117 | Frequency-dependent neuromuscular blockade by textilotoxin in vivo. Toxicon, 1991, 29, 1266-1269. | 0.8 | 5 |
| 118 | Lifetime-Engineered Ruby Nanoparticles (Tau-Rubies) for Multiplexed Imaging of Î¼-Opioid Receptors. ACS Sensors, 2021, 6, 1375-1383. | 4.0 | 5 |
| 119 | Nordihydroguaiaretic acid activates hTRPA 1 and modulates behavioral responses to noxious cold in mice. Pharmacology Research and Perspectives, 2014, 2, e00079. | 1.1 | 4 |
| 120 | Investigation of pyrazolo-sulfonamides as putative small molecule oxytocin receptor agonists. European Journal of Medicinal Chemistry, 2017, 136, 330-333. | 2.6 | 4 |
| 121 | Regulation of heterologously expressed 5â€HT<sub>1B</sub> receptors coupling to potassium channels in AtTâ€20 cells. British Journal of Pharmacology, 2019, 176, 451-465. | 2.7 | 4 |
| 122 | Putative Synthetic Cannabinoids MEPIRAPIM, 5F-BEPIRAPIM (NNL-2), and Their Analogues Are T-Type Calcium Channel (Ca<sub>V</sub>3) Inhibitors. ACS Chemical Neuroscience, 2022, 13, 1395-1409. | 1.7 | 4 |
| 123 | Oocytes from Xenopus laevis contain an intrinsic Ïƒ2-like binding site. Neuroscience Letters, 1994, 180, 159-162. | 1.0 | 3 |
| 124 | Do gabapentin or pregabalin directly modulate the Âμ receptor?. PeerJ, 2021, 9, e11175. | 0.9 | 3 |
| 125 | Chronic ethanol promotes the neuronal differentiation of NG108-15 cells independently of toxin-sensitive G-proteins. Environmental Toxicology and Pharmacology, 1997, 3, 307-319. | 2.0 | 2 |
| 126 | Humanizing mice: catching up with elusive B1 receptors. British Journal of Pharmacology, 2005, 144, 885-886. | 2.7 | 2 |

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|---|---|---|---|
| 127 | What would 5â€HT do? Regional diversity of 5â€HT<sub>1</sub> receptor modulation of primary afferent neurotransmission. British Journal of Pharmacology, 2012, 167, 353-355. | 2.7 | 1 |
| 128 | Opioid receptors in GtoPdb v.2021.3. IUPHAR/BPS Guide To Pharmacology CITE, 2021, 2021, . | 0.2 | 1 |
| 129 | Spider toxins: A new group of potassium channel modulators. Journal of Computer - Aided Molecular Design, 1999, 15/16, 61-69. | 1.0 | 0 |
| 130 | Interfacing nanodiamonds for single molecular optical-biomedical imaging. , 2011, , . | | 0 |
| 131 | Themed section. British Journal of Pharmacology, 2015, 172, 247-250. | 2.7 | 0 |
| 132 | Employing the Operational to Measure System-Independent OTR Efficacy. Methods in Molecular Biology, 2022, 2384, 201-220. | 0.4 | 0 |
| 133 | Pyrazolo[1, 4]diazepine-based small molecule oxytocin receptor partial agonists. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-1-24. | 0.0 | 0 |
| 134 | Functionalization and Bioconjugation of Nanoruby for Long-Term, Ultrasensitive Imaging of Îœu-Opioid Receptors. Methods in Molecular Biology, 2021, 2201, 59-70. | 0.4 | 0 |