

Jin Xu

List of Publications by Year in descending order

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29
papers

1,377
citations

430874

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times ranked

1142
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and Characterization of Three New Alternatively Spliced μ -Opioid Receptor Isoforms. <i>Molecular Pharmacology</i> , 1999, 56, 396-403.	2.3	251
2	Mitragynine/Corynantheidine Pseudoindoxyls As Opioid Analgesics with Mu Agonism and Delta Antagonism, Which Do Not Recruit β -Arrestin-2. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 8381-8397.	6.4	229
3	Involvement of exon 11-associated variants of the mu opioid receptor MOR-1 in heroin, but not morphine, actions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4917-4922.	7.1	101
4	Identification of Four Novel Exon 5 Splice Variants of the Mouse μ -Opioid Receptor Gene: Functional Consequences of C-Terminal Splicing. <i>Molecular Pharmacology</i> , 2005, 68, 866-875.	2.3	90
5	Pharmacological characterization of novel synthetic opioids (NSO) found in the recreational drug marketplace. <i>Neuropharmacology</i> , 2018, 134, 101-107.	4.1	78
6	Identification of three new alternatively spliced variants of the rat mu opioid receptor gene: dissociation of affinity and efficacy. <i>Journal of Neurochemistry</i> , 2004, 91, 881-890.	3.9	77
7	Alternatively spliced mu opioid receptor C termini impact the diverse actions of morphine. <i>Journal of Clinical Investigation</i> , 2017, 127, 1561-1573.	8.2	52
8	Stabilization of the μ -Opioid Receptor by Truncated Single Transmembrane Splice Variants through a Chaperone-like Action. <i>Journal of Biological Chemistry</i> , 2013, 288, 21211-21227.	3.4	51
9	Isolation and characterization of new exon 11-associated N-terminal splice variants of the human mu opioid receptor gene. <i>Journal of Neurochemistry</i> , 2009, 108, 962-972.	3.9	50
10	Stabilization of morphine tolerance with long-term dosing: Association with selective upregulation of mu-opioid receptor splice variant mRNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 279-284.	7.1	47
11	Mediation of buprenorphine analgesia by a combination of traditional and truncated mu opioid receptor splice variants. <i>Synapse</i> , 2016, 70, 395-407.	1.2	40
12	Identification and Characterization of Seven New Exon 11-Associated Splice Variants of the Rat Mu Opioid Receptor Gene, OPRM1. <i>Molecular Pain</i> , 2011, 7, 1744-8069-7-9.	2.1	35
13	Differential Expressions of the Alternatively Spliced Variant mRNAs of the μ Opioid Receptor Gene, OPRM1, in Brain Regions of Four Inbred Mouse Strains. <i>PLoS ONE</i> , 2014, 9, e111267.	2.5	32
14	Truncated mu opioid GPCR variant involvement in opioid-dependent and opioid-independent pain modulatory systems within the CNS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3663-3668.	7.1	27
15	Oxidative Metabolism as a Modulator of Kratom's Biological Actions. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 16553-16572.	6.4	26
16	Truncated μ -Opioid Receptors With 6 Transmembrane Domains Are Essential for Opioid Analgesia. <i>Anesthesia and Analgesia</i> , 2018, 126, 1050-1057.	2.2	22
17	Isolating and characterizing three alternatively spliced mu opioid receptor variants: mMOR-1A, mMOR-1<i>O</i>, and mMOR-1P. <i>Synapse</i> , 2014, 68, 144-152.	1.2	21
18	Dysregulated expression of the alternatively spliced variant mRNAs of the mu opioid receptor gene, <i>OPRM1</i>, in the medial prefrontal cortex of male human heroin abusers and heroin self-administering male rats. <i>Journal of Neuroscience Research</i> , 2022, 100, 35-47.	2.9	20

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19	Genetic dissociation of morphine analgesia from hyperalgesia in mice. <i>Psychopharmacology</i> , 2017, 234, 1891-1900.	3.1	19
20	Mu Opioids Induce Biased Signaling at the Full-Length Seven Transmembrane C-Terminal Splice Variants of the mu Opioid Receptor Gene, <i>Oprm1</i> . <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 1059-1074.	3.3	16
21	Pharmacological Characterization of Levorphanol, a G-Protein Biased Opioid Analgesic. <i>Anesthesia and Analgesia</i> , 2019, 128, 365-373.	2.2	15
22	A Truncated Six Transmembrane Splice Variant MOR-1G Enhances Expression of the Full-Length Seven Transmembrane μ -Opioid Receptor through Heterodimerization. <i>Molecular Pharmacology</i> , 2020, 98, 518-527.	2.3	14
23	Identification of Abundant and Evolutionarily Conserved Opioid Receptor Circular RNAs in the Nervous System Modulated by Morphine. <i>Molecular Pharmacology</i> , 2019, 96, 247-258.	2.3	12
24	Differential regulation of Cav2.2 channel exon 37 variants by alternatively spliced μ -opioid receptors. <i>Molecular Brain</i> , 2019, 12, 98.	2.6	12
25	Alternative Pre-mRNA Splicing of the Mu Opioid Receptor Gene, <i>OPRM1</i> : Insight into Complex Mu Opioid Actions. <i>Biomolecules</i> , 2021, 11, 1525.	4.0	12
26	Tetrapeptide Endomorphin Analogs Require Both Full Length and Truncated Splice Variants of the Mu Opioid Receptor Gene <i>Oprm1</i> for Analgesia. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1717-1727.	3.5	11
27	Isolation and characterization of alternatively spliced variants of the mouse sigma1 receptor gene, <i>Sigmar1</i> . <i>PLoS ONE</i> , 2017, 12, e0174694.	2.5	9
28	Exploring Pharmacological Functions of Alternatively Spliced Variants of the Mu Opioid Receptor Gene, <i>Oprm1</i> , via Gene-Targeted Animal Models. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3010.	4.1	1
29	Characterizing mu Opioid Receptor Splice Variants Using Gene Targeting Rat Models Generated by Easi-CRISPR. <i>FASEB Journal</i> , 2019, 33, lb74.	0.5	0