William P Clarke

List of Publications by Year
in descending order

68 papers	4,256 citations	147801 31 h-index	110387 64 g-index
69 all docs	69 docs citations	69 times ranked	3725 citing authors

#	Article	IF	Citations
1	Functional Selectivity and Classical Concepts of Quantitative Pharmacology. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 1-13.	2.5	997
2	Effector Pathway-Dependent Relative Efficacy at Serotonin Type 2A and 2C Receptors: Evidence for Agonist-Directed Trafficking of Receptor Stimulus. Molecular Pharmacology, 1998, 54, 94-104.	2.3	484
3	Constitutive Activity of the Serotonin2C Receptor Inhibits In Vivo Dopamine Release in the Rat Striatum and Nucleus Accumbens. Journal of Neuroscience, 2004, 24, 3235-3241.	3.6	297
4	Bradykinin-Induced Functional Competence and Trafficking of the Â-Opioid Receptor in Trigeminal Nociceptors. Journal of Neuroscience, 2005, 25, 8825-8832.	3.6	148
5	RNA-editing of the 5-HT2C receptor alters agonist-receptor-effector coupling specificity. British Journal of Pharmacology, 2001, 134, 386-392.	5.4	130
6	Functional Selectivity of Hallucinogenic Phenethylamine and Phenylisopropylamine Derivatives at Human 5-Hydroxytryptamine (5-HT)2A and 5-HT2C Receptors. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 1054-1061.	2.5	105
7	Making Sense of Pharmacology: Inverse Agonism and Functional Selectivity. International Journal of Neuropsychopharmacology, 2018, 21, 962-977.	2.1	102
8	Current status of inverse agonism at serotonin2A (5-HT2A) and 5-HT2C receptors. , 2009, 121, 160-173.		99
9	Physiological relevance of constitutive activity of 5-HT2A and 5-HT2C receptors. Trends in Pharmacological Sciences, 2005, 26, 625-630.	8.7	98
10	The elusive nature of intrinsic efficacy. Trends in Pharmacological Sciences, 1998, 19, 270-276.	8.7	95
11	Intracellular Ca2+Regulates Amphetamine-Induced Dopamine Efflux and Currents Mediated by the Human Dopamine Transporter. Molecular Pharmacology, 2004, 66, 137-143.	2.3	89
12	Fine-tuning serotonin2c receptor function in the brain: Molecular and functional implications. Neuropharmacology, 2008, 55, 969-976.	4.1	85
13	Physiological and therapeutic relevance of constitutive activity of 5-HT2A and 5-HT2C receptors for the treatment of depression. Progress in Brain Research, 2008, 172, 287-305.	1.4	69
14	Pleiotropic Behavior of 5-HT2A and 5-HT2C Receptor Agonists. Annals of the New York Academy of Sciences, 1998, 861, 104-110.	3.8	66
15	PAR-2 agonists activate trigeminal nociceptors and induce functional competence in the delta opioid receptor. Pain, 2006, 125, 114-124.	4.2	65
16	Spiperone differentiates multiple 5-hydroxytryptamine responses in rat hippocampal slices in vitro. European Journal of Pharmacology, 1985, 116, 195-197.	3.5	63
17	Rapid Desensitization of the Serotonin2C Receptor System: Effector Pathway and Agonist Dependence. Journal of Pharmacology and Experimental Therapeutics, 2002, 302, 957-962.	2.5	62
18	Rapid Modulation of Î¼-Opioid Receptor Signaling in Primary Sensory Neurons. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 839-847.	2.5	60

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19	Evidence for Distinct Antagonist-Revealed Functional States of 5-Hydroxytryptamine_{2A}Receptor Homodimers. Molecular Pharmacology, 2009, 75, 1380-1391.	2.3	60
20	A potential 5-HT1A receptor antagonist: p-MPPI. Life Sciences, 1994, 55, 1459-1462.	4.3	59
21	Serotonin decreases population spike amplitude in hippocampal cells through a pertussis toxin substrate. Brain Research, 1987, 410, 357-361.	2.2	56
22	Estrogen effects on 5-HT1A receptors in hippocampal membranes from ovariectomized rats: functional and binding studies. Brain Research, 1990, 518, 287-291.	2.2	56
23	Rapid pain modulation with nuclear receptor ligands. Brain Research Reviews, 2009, 60, 114-124.	9.0	55
24	Allosteric Interactions between Î´ and Îº Opioid Receptors in Peripheral Sensory Neurons. Molecular Pharmacology, 2012, 81, 264-272.	2.3	54
25	G protein-coupled Receptor 30 (GPR30) Forms a Plasma Membrane Complex with Membrane-associated Guanylate Kinases (MAGUKs) and Protein Kinase A-anchoring Protein 5 (AKAP5) That Constitutively Inhibits cAMP Production. Journal of Biological Chemistry, 2014, 289, 22117-22127.	3.4	53
26	Peripheral delta opioid receptors require priming for functional competence in vivo. European Journal of Pharmacology, 2009, 602, 283-287.	3.5	52
27	A Conservative, Single-Amino Acid Substitution in the Second Cytoplasmic Domain of the Human Serotonin_{2C}Receptor Alters Both Ligand-Dependent and -Independent Receptor Signaling. Journal of Pharmacology and Experimental Therapeutics, 2008, 324, 1084-1092.	2.5	48
28	Integrins regulate opioid receptor signaling in trigeminal ganglion neurons. Neuroscience, 2007, 144, 889-897.	2.3	46
29	Atypical antipsychotics and inverse agonism at 5-HT₂ receptors. Current Pharmaceutical Design, 2015, 21, 3732-3738.	1.9	44
30	Differential Effects of 5-Methyl-1-[[2-[(2-methyl-3-pyridyl)oxyl]-5-pyridyl]carbamoyl]-6-trifluoromethylindone (SB 243213) on 5-Hydroxytryptamine2C Receptor-Mediated Responses. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 260-268.	2.5	37
31	Pharmacological augmentation of nicotinamide phosphoribosyltransferase (NAMPT) protects against paclitaxel-induced peripheral neuropathy. ELife, 2017, 6, .	6.0	36
32	Modulation of bradykinin signaling by EP24.15 and EP24.16 in cultured trigeminal ganglia. Journal of Neurochemistry, 2006, 97, 13-21.	3.9	33
33	Interactions between Effectors Linked to Serotonin Receptors. Annals of the New York Academy of Sciences, 1998, 861, 111-120.	3.8	31
34	Regulation of Îº-Opioid Receptor Signaling in Peripheral Sensory Neurons In Vitro and In Vivo. Journal of Pharmacology and Experimental Therapeutics, 2011, 338, 92-99.	2.5	31
35	Functional Selectivity of Kappa Opioid Receptor Agonists in Peripheral Sensory Neurons. Journal of Pharmacology and Experimental Therapeutics, 2015, 355, 174-182.	2.5	30
36	Chronic estrogen effects on 5-hydroxytryptamine-mediated responses in hippocampal pyramidal cells of female rats. Neuroscience Letters, 1989, 106, 181-187.	2.1	29

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37	17Î²-Estradiol Rapidly Enhances Bradykinin Signaling in Primary Sensory Neurons In Vitro and In Vivo. Journal of Pharmacology and Experimental Therapeutics, 2010, 335, 190-196.	2.5	24
38	Signalling profile differences: paliperidone versus risperidone. British Journal of Pharmacology, 2013, 170, 532-545.	5.4	24
39	Estrogen enhances a 5-HT1A response in hippocampal slices from female rats. European Journal of Pharmacology, 1989, 160, 195-197.	3.5	23
40	Regulation of 5-HT1A and 5-HT1B receptor systems by phospholipid signaling cascades. Brain Research Bulletin, 2001, 56, 471-477.	3.0	19
41	Dual Regulation of<i>Î´</i>-Opioid Receptor Function by Arachidonic Acid Metabolites in Rat Peripheral Sensory Neurons. Journal of Pharmacology and Experimental Therapeutics, 2015, 353, 44-51.	2.5	19
42	Development of functionally selective agonists as novel therapeutic agents. Drug Discovery Today: Therapeutic Strategies, 2006, 3, 421-428.	0.5	17
43	Allosterism within <i>Î´</i> Opioidâ€“<i>Îº</i> Opioid Receptor Heteromers in Peripheral Sensory Neurons: Regulation of <i>Îº</i> Opioid Agonist Efficacy. Molecular Pharmacology, 2018, 93, 376-386.	2.3	17
44	What's for Lunch at the Conformational Cafeteria?. Molecular Pharmacology, 2005, 67, 1819-1821.	2.3	16
45	Inverse Agonism at Serotonin and Cannabinoid Receptors. Progress in Molecular Biology and Translational Science, 2010, 91, 1-40.	1.7	16
46	Activation of Estrogen Receptor Î± Enhances Bradykinin Signaling in Peripheral Sensory Neurons of Female Rats. Journal of Pharmacology and Experimental Therapeutics, 2014, 349, 526-532.	2.5	16
47	Metallopeptidase inhibition potentiates bradykinin-induced hyperalgesia. Pain, 2011, 152, 1548-1554.	4.2	15
48	Nerve Growth Factor Amplifies Cyclic AMP Production in the HT4 Neuronal Cell Line. Journal of Neurochemistry, 2002, 64, 220-228.	3.9	12
49	Constitutive Desensitization of Opioid Receptors in Peripheral Sensory Neurons. Journal of Pharmacology and Experimental Therapeutics, 2016, 359, 411-419.	2.5	12
50	Signaling characteristics and functional regulation of delta opioid-kappa opioid receptor (DOP-KOP) heteromers in peripheral sensory neurons. Neuropharmacology, 2019, 151, 208-218.	4.1	12
51	Long-Term Reduction of Kappa Opioid Receptor Function by the Biased Ligand, Norbinaltorphimine, Requires c-Jun N-Terminal Kinase Activity and New Protein Synthesis in Peripheral Sensory Neurons. Journal of Pharmacology and Experimental Therapeutics, 2016, 359, 319-328.	2.5	11
52	The influence of anesthetics on the estrogen-induced afternoon prolactin surge. Althesin does not block the surge. Life Sciences, 1981, 29, 277-284.	4.3	10
53	Longâ€term antagonism and allosteric regulation of mu opioid receptors by the novel ligand, methocinnamox. Pharmacology Research and Perspectives, 2021, 9, e00887.	2.4	9
54	Temporal Regulation of Agonist Efficacy at 5-Hydroxytryptamine (5-HT)1Aand 5-HT1BReceptors. Journal of Pharmacology and Experimental Therapeutics, 2003, 304, 200-205.	2.5	8

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55	Use of functional assays to detect and quantify functional selectivity. Drug Discovery Today: Technologies, 2010, 7, e31-e36.	4.0	8
56	The Influence of Blinding, Olfactory Bulbectomy, and Pinealectomy on Twenty Four-Hour Plasma Prolactin Levels in Normal and Neonatally Androgenized Female Rats*. Endocrinology, 1984, 115, 1256-1261.	2.8	7
57	Effect of Lesions of the Corticomedial Amygdala on the Nocturnal Prolactin Surge. Neuroendocrinology, 1985, 41, 297-305.	2.5	7
58	Age-related changes in peripheral nociceptor function. Neuropharmacology, 2022, 216, 109187.	4.1	6
59	Synthesis of (+)-(R)- and (?)-(S)-trans-8-hydroxy-2-[N-n-propyl-N-(3?-iodo-2?-propenyl)] aminotetralin: New 5-HT1A receptor ligands. Chirality, 1995, 7, 452-458.	2.6	5
60	Functional Selectivity at Serotonin Receptors. , 2009, , 155-176.		5
61	Electrical stimulation of rewarding hypothalamic sites in the 13-lined ground squirrel, Citellus tridecemlineatus, during hibernation: Sensitivity and thermogenic effects. Comparative Biochemistry and Physiology A, Comparative Physiology, 1981, 69, 479-486.	0.6	3
62	Clarke and Bond reply. Trends in Pharmacological Sciences, 1999, 20, 7-8.	8.7	3
63	Agonist-Directed Trafficking of 5-HT Receptor-Mediated Signal Transduction. , 2006, , 207-235.		3
64	Prolactin Suppression Enhances the Effects of Perioperative Donor-Specific Blood Transfusions on Graft Survival. Journal of Surgical Research, 1996, 64, 190-197.	1.6	2
65	The influence of blinding, olfactory bulbectomy and pinealectomy on plasma and anterior pituitary prolactin levels and on uterine and anterior pituitary weights in normal and neonatally androgenized rats. Life Sciences, 1985, 36, 1617-1624.	4.3	1
66	5-HT2C constitutive receptor activity: effector pathway dependence. International Congress Series, 2003, 1249, 119-130.	0.2	1
67	Methocinnamox (MCAM) is a Selective, Long Acting Antagonist at Mu Opioid Receptors In Vitro. FASEB Journal, 2019, 33, 498.8.	0.5	1
68	Peripheral Kappa Opioid Receptor (KOR)â€Mediated Antinociception Requires G Proteinâ€Gated Inward Rectifying Potassium (GIRK) Channels. FASEB Journal, 2019, 33, 808.18.	0.5	0