Enric I. Canela

List of Publications by Year
in descending order

357 papers	19,917 citations	7672 79 h-index	18944 123 g-index
363 all docs	363 docs citations	363 times ranked	15524 citing authors

#	Article	IF	Citations
1	Expression of the Adenosine A2A-A3 Receptor Heteromer in Different Brain Regions and Marked Upregulation in the Microglia of the Transgenic APPSw,Ind Alzheimerâ€™s Disease Model. Biomedicines, 2022, 10, 214.	1.4	5
2	The Binding Mode to Orthosteric Sites and/or Exosites Underlies the Therapeutic Potential of Drugs Targeting Cannabinoid CB2 Receptors. Frontiers in Pharmacology, 2022, 13, 852631.	1.6	2
3	Robustness of the Krebs Cycle under Physiological Conditions and in Cancer: New Clues for Evaluating Metabolism-Modifying Drug Therapies. Biomedicines, 2022, 10, 1199.	1.4	2
4	Nk3R blockade has sex-divergent effects on memory in mice. Biology of Sex Differences, 2022, 13, .	1.8	1
5	The Heteromeric Complex Formed by Dopamine Receptor D5 and CCR9 Leads the Gut Homing of CD4+ T Cells Upon Inflammation. Cellular and Molecular Gastroenterology and Hepatology, 2021, 12, 489-506.	2.3	12
6	Dopamine in Health and Disease: Much More Than a Neurotransmitter. Biomedicines, 2021, 9, 109.	1.4	78
7	Structure and function of adenosine receptor heteromers. Cellular and Molecular Life Sciences, 2021, 78, 3957-3968.	2.4	30
8	Discovery of a macromolecular complex mediating the hunger suppressive actions of cocaine: Structural and functional properties. Addiction Biology, 2021, 26, e13017.	1.4	6
9	Carnitine palmitoyltransferase 1C negatively regulates the endocannabinoid hydrolase ABHD6 in mice, depending on nutritional status. British Journal of Pharmacology, 2021, 178, 1507-1523.	2.7	11
10	Methamphetamine Blocks Adenosine A2A Receptor Activation via Sigma 1 and Cannabinoid CB1 Receptors. International Journal of Molecular Sciences, 2021, 22, 2743.	1.8	3
11	Functional Fine-Tuning of Metabolic Pathways by the Endocannabinoid Systemâ€"Implications for Health and Disease. International Journal of Molecular Sciences, 2021, 22, 3661.	1.8	14
12	Microglial Adenosine Receptors: From Preconditioning to Modulating the M1/M2 Balance in Activated Cells. Cells, 2021, 10, 1124.	1.8	22
13	Potent and Subtype-Selective Dopamine D₂ Receptor Biased Partial Agonists Discovered via an Ugi-Based Approach. Journal of Medicinal Chemistry, 2021, 64, 8710-8726.	2.9	3
14	Design of Negative and Positive Allosteric Modulators of the Cannabinoid CB₂ Receptor Derived from the Natural Product Cannabidiol. Journal of Medicinal Chemistry, 2021, 64, 9354-9364.	2.9	27
15	Identification of the Ghrelin and Cannabinoid CB2 Receptor Heteromer Functionality and Marked Upregulation in Striatal Neurons from Offspring of Mice under a High-Fat Diet. International Journal of Molecular Sciences, 2021, 22, 8928.	1.8	4
16	Heteromerization between Î±2A adrenoceptors and different polymorphic variants of the dopamine D4 receptor determines pharmacological and functional differences. Implications for impulsive-control disorders. Pharmacological Research, 2021, 170, 105745.	3.1	6
17	Identification of BiP as a CB₁ Receptor-Interacting Protein That Fine-Tunes Cannabinoid Signaling in the Mouse Brain. Journal of Neuroscience, 2021, 41, 7924-7941.	1.7	14
18	Novel Interactions Involving the Mas Receptor Show Potential of the Reninâ€"Angiotensin system in the Regulation of Microglia Activation: Altered Expression in Parkinsonism and Dyskinesia. Neurotherapeutics, 2021, 18, 998-1016.	2.1	11

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19	Recent Advances in the Potential of Cannabinoids for Neuroprotection in Alzheimerâ€™s, Parkinsonâ€™s, and Huntingtonâ€™s Diseases. Advances in Experimental Medicine and Biology, 2021, 1264, 81-92.	0.8	23
20	Adenosine Receptor Antagonists to Combat Cancer and to Boost Anti-Cancer Chemotherapy and Immunotherapy. Cells, 2021, 10, 2831.	1.8	22
21	Similarities and differences upon binding of naturally occurring Î”9-tetrahydrocannabinol-derivatives to cannabinoid CB1 and CB2 receptors. Pharmacological Research, 2021, 174, 105970.	3.1	17
22	N-Methyl-D-aspartate (NMDA) and cannabinoid CB2 receptors form functional complexes in cellsÂof the central nervous system: insights into the therapeutic potential of neuronal and microglial NMDA receptors. Alzheimer's Research and Therapy, 2021, 13, 184.	3.0	14
23	Ghrelin and Cannabinoid Functional Interactions Mediated by Ghrelin/CB1 Receptor Heteromers That Are Upregulated in the Striatum From Offspring of Mice Under a High-Fat Diet. Frontiers in Cellular Neuroscience, 2021, 15, 786597.	1.8	2
24	Melatonin and the control of intraocular pressure. Progress in Retinal and Eye Research, 2020, 75, 100798.	7.3	31
25	Adrenoâ€“melatonin receptor complexes control ion homeostasis and intraocular pressure â€•their disruption contributes to hypertensive glaucoma. British Journal of Pharmacology, 2020, 177, 2090-2105.	2.7	8
26	Structure of G-protein-coupled receptor heteromers. , 2020, , 109-119.		1
27	A2A and A2B adenosine receptors: The extracellular loop 2 determines high (A2A) or low affinity (A2B) for adenosine. Biochemical Pharmacology, 2020, 172, 113718.	2.0	24
28	Expression of GPR55 and either cannabinoid CB1 or CB2 heteroreceptor complexes in the caudate, putamen, and accumbens nuclei of control, parkinsonian, and dyskinetic non-human primates. Brain Structure and Function, 2020, 225, 2153-2164.	1.2	12
29	SARS-CoV-2 as a Factor to Disbalance the Reninâ€“Angiotensin System: A Suspect in the Case of Exacerbated IL-6 Production. Journal of Immunology, 2020, 205, 1198-1206.	0.4	18
30	The Interplay between Cancer Biology and the Endocannabinoid Systemâ€”Significance for Cancer Risk, Prognosis and Response to Treatment. Cancers, 2020, 12, 3275.	1.7	23
31	Adenosine A2A and A3 Receptors Are Able to Interact with Each Other. A Further Piece in the Puzzle of Adenosine Receptor-Mediated Signaling. International Journal of Molecular Sciences, 2020, 21, 5070.	1.8	14
32	Experimental and computational analysis of biased agonism on full-length and a C-terminally truncated adenosine A2A receptor. Computational and Structural Biotechnology Journal, 2020, 18, 2723-2732.	1.9	20
33	Angiotensin AT1 and AT2 receptor heteromer expression in the hemilesioned rat model of Parkinsonâ€™s disease that increases with levodopa-induced dyskinesia. Journal of Neuroinflammation, 2020, 17, 243.	3.1	16
34	Functional Complexes of Angiotensin-Converting Enzyme 2 and Renin-Angiotensin System Receptors: Expression in Adult but Not Fetal Lung Tissue. International Journal of Molecular Sciences, 2020, 21, 9602.	1.8	11
35	Adenosine A2A Receptor Antagonists Affects NMDA Glutamate Receptor Function. Potential to Address Neurodegeneration in Alzheimerâ€™s Disease. Cells, 2020, 9, 1075.	1.8	36
36	Pharmacological potential of varinic-, minor-, and acidic phytocannabinoids. Pharmacological Research, 2020, 158, 104801.	3.1	30

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37	Pharmacological data of cannabidiol- and cannabigerol-type phytocannabinoids acting on cannabinoid CB1, CB2 and CB1/CB2 heteromer receptors. Pharmacological Research, 2020, 159, 104940.	3.1	57
38	Microbiota and Other Preventive Strategies and Non-genetic Risk Factors in Parkinsonâ€™s Disease. Frontiers in Aging Neuroscience, 2020, 12, 12.	1.7	5
39	Adenosine/A2B Receptor Signaling Ameliorates the Effects of Aging and Counteracts Obesity. Cell Metabolism, 2020, 32, 56-70.e7.	7.2	77
40	Expression of Melatonin and Dopamine D3 Receptor Heteromers in Eye Ciliary Body Epithelial Cells and Negative Correlation with Ocular Hypertension. Cells, 2020, 9, 152.	1.8	12
41	Altered Signaling in CB1R-5-HT2AR Heteromers in Olfactory Neuroepithelium Cells of Schizophrenia Patients is Modulated by Cannabis Use. Schizophrenia Bulletin, 2020, 46, 1547-1557.	2.3	17
42	The Old and New Visions of Biased Agonism Through the Prism of Adenosine Receptor Signaling and Receptor/Receptor and Receptor/Protein Interactions. Frontiers in Pharmacology, 2020, 11, 628601.	1.6	10
43	Modulation of dopamine D1 receptors via histamine H3 receptors is a novel therapeutic target for Huntington's disease. ELife, 2020, 9, .	2.8	20
44	The Kinetic Component in Drug Discovery: Using the Most Basic Pharmacological Concepts to Advance in Selecting Drugs to Combat CNS Diseases. Current Neuropharmacology, 2020, 18, 250-257.	1.4	2
45	Cocaine Blocks Effects of Hunger Hormone, Ghrelin, Via Interaction with Neuronal Sigma-1 Receptors. Molecular Neurobiology, 2019, 56, 1196-1210.	1.9	13
46	Adenosine A1-Dopamine D1 Receptor Heteromers Control the Excitability of the Spinal Motoneuron. Molecular Neurobiology, 2019, 56, 797-811.	1.9	36
47	Potentiation of cannabinoid signaling in microglia by adenosine A 2A receptor antagonists. Glia, 2019, 67, 2410-2423.	2.5	36
48	Lessons on Differential Neuronal-Death-Vulnerability from Familial Cases of Parkinsonâ€™s and Alzheimerâ€™s Diseases. International Journal of Molecular Sciences, 2019, 20, 3297.	1.8	6
49	Biased G Protein-Independent Signaling of Dopamine D1-D3 Receptor Heteromers in the Nucleus Accumbens. Molecular Neurobiology, 2019, 56, 6756-6769.	1.9	33
50	The Endocannabinoid System as a Target in Cancer Diseases: Are We There Yet?. Frontiers in Pharmacology, 2019, 10, 339.	1.6	91
51	Therapeutic targeting of HER2â€"CB ₂ R heteromers in HER2-positive breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3863-3872.	3.3	40
52	Increased expression of cannabinoid CB2 and serotonin 5-HT1A heteroreceptor complexes in a model of newborn hypoxic-ischemic brain damage. Neuropharmacology, 2019, 152, 58-66.	2.0	25
53	Why have transgenic rodent models failed to successfully mimic Alzheimerâ€™s disease. How can we develop effective drugs without them?. Expert Opinion on Drug Discovery, 2019, 14, 327-330.	2.5	8
54	A2A Receptor Homodimer-Disrupting Sequence Efficiently Delivered by a Protease-Resistant, Cyclic CPP Vector. International Journal of Molecular Sciences, 2019, 20, 4937.	1.8	9

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55	Reinterpreting anomalous competitive binding experiments within G protein-coupled receptor homodimers using a dimer receptor model. Pharmacological Research, 2019, 139, 337-347.	3.1	15
56	Differential effect of amphetamine over the corticotropin-releasing factor CRF2 receptor, the orexin OX1 receptor and the CRF2-OX1 heteroreceptor complex. Neuropharmacology, 2019, 152, 102-111.	2.0	11
57	Identification of Heteroreceptors Complexes and Signal Transduction Events Using Bioluminescence Resonance Energy Transfer (BRET). Bio-protocol, 2019, 9, e3385.	0.2	1
58	Cannabis Users Show Enhanced Expression of CB1-5HT2A Receptor Heteromers in Olfactory Neuroepithelium Cells. Molecular Neurobiology, 2018, 55, 6347-6361.	1.9	34
59	Î±2A- and Î±2C-Adrenoceptors as Potential Targets for Dopamine and Dopamine Receptor Ligands. Molecular Neurobiology, 2018, 55, 8438-8454.	1.9	26
60	Singular Location and Signaling Profile of Adenosine A2A-Cannabinoid CB1 Receptor Heteromers in the Dorsal Striatum. Neuropsychopharmacology, 2018, 43, 964-977.	2.8	52
61	Orexin A/Hypocretin Modulates Leptin Receptor-Mediated Signaling by Allosteric Modulations Mediated by the Ghrelin GHS-R1A Receptor in Hypothalamic Neurons. Molecular Neurobiology, 2018, 55, 4718-4730.	1.9	14
62	Receptor-heteromer mediated regulation of endocannabinoid signaling in activated microglia. Role of CB1 and CB2 receptors and relevance for Alzheimerâ€™s disease and levodopa-induced dyskinesia. Brain, Behavior, and Immunity, 2018, 67, 139-151.	2.0	99
63	Adenosine A2A receptor ligand recognition and signaling is blocked by A2B receptors. Oncotarget, 2018, 9, 13593-13611.	0.8	77
64	Biased receptor functionality versus biased agonism in G-protein-coupled receptors. Biomolecular Concepts, 2018, 9, 143-154.	1.0	32
65	Identification of a Tool Compound to Study the Mechanisms of Functional Selectivity between D₂ and D₃ Dopamine Receptors. ACS Omega, 2018, 3, 17368-17375.	1.6	1
66	N-Methyl-D-Aspartate Receptor Link to the MAP Kinase Pathway in Cortical and Hippocampal Neurons and Microglia Is Dependent on Calcium Sensors and Is Blocked by Î±-Synuclein, Tau, and Phospho-Tau in Non-transgenic and Transgenic APPSw,Ind Mice. Frontiers in Molecular Neuroscience, 2018, 11, 273.	1.4	19
67	Cannabidiol skews biased agonism at cannabinoid CB1 and CB2 receptors with smaller effect in CB1-CB2 heteroreceptor complexes. Biochemical Pharmacology, 2018, 157, 148-158.	2.0	74
68	Adenosine Receptors as a Paradigm to Identify Dimer/Oligomers of G-Protein-Coupled Receptors and as Targets in Parkinsonâ€™s Disease and Schizophrenia. , 2018, , 239-258.		0
69	Analysis and Quantification of GPCR Allosteric Receptorâ€“Receptor Interactions Using Radioligand Binding Assays: The A2AR-D2R Heteroreceptor Complex Example. Neuromethods, 2018, , 1-14.	0.2	0
70	Methods to Identify the Signature of Trimers Formed by Three G Protein-Coupled Receptors or by Two G Protein-Coupled and One Ionotropic Receptor with Special Emphasis in the Functional Role in the Central Nervous System. Neuromethods, 2018, , 187-203.	0.2	1
71	Molecular Evidence of Adenosine Deaminase Linking Adenosine A2A Receptor and CD26 Proteins. Frontiers in Pharmacology, 2018, 9, 106.	1.6	54
72	Cannabigerol Action at Cannabinoid CB1 and CB2 Receptors and at CB1â€“CB2 Heteroreceptor Complexes. Frontiers in Pharmacology, 2018, 9, 632.	1.6	88

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73	Adenosine A2A Receptor Antagonists in Neurodegenerative Diseases: Huge Potential and Huge Challenges. Frontiers in Psychiatry, 2018, 9, 68.	1.3	46
74	Brain Dopamine Transmission in Health and Parkinson's Disease: Modulation of Synaptic Transmission and Plasticity Through Volume Transmission and Dopamine Heteroreceptors. Frontiers in Synaptic Neuroscience, 2018, 10, 20.	1.3	43
75	Neuronal Calcium and cAMP Cross-Talk Mediated by Cannabinoid CB1 Receptor and EF-Hand Calcium Sensor Interactions. Frontiers in Cell and Developmental Biology, 2018, 6, 67.	1.8	13
76	Understanding the Role of Adenosine A2AR Heteroreceptor Complexes in Neurodegeneration and Neuroinflammation. Frontiers in Neuroscience, 2018, 12, 43.	1.4	44
77	Cocaine Effects on Dopaminergic Transmission Depend on a Balance between Sigma-1 and Sigma-2 Receptor Expression. Frontiers in Molecular Neuroscience, 2018, 11, 17.	1.4	17
78	Cross-communication between Gi and Gs in a G-protein-coupled receptor heterotetramer guided by a receptor C-terminal domain. BMC Biology, 2018, 16, 24.	1.7	70
79	Evidence for functional pre-coupled complexes of receptor heteromers and adenylyl cyclase. Nature Communications, 2018, 9, 1242.	5.8	103
80	Molecular and functional interaction between GPR18 and cannabinoid CB2 G-protein-coupled receptors. Relevance in neurodegenerative diseases. Biochemical Pharmacology, 2018, 157, 169-179.	2.0	47
81	Heteroreceptor Complexes Formed by Dopamine D1, Histamine H3, and N-Methyl-D-Aspartate Glutamate Receptors as Targets to Prevent Neuronal Death in Alzheimerâ€™s Disease. Molecular Neurobiology, 2017, 54, 4537-4550.	1.9	44
82	Potential of GPCRs to modulate MAPK and mTOR pathways in Alzheimerâ€™s disease. Progress in Neurobiology, 2017, 149-150, 21-38.	2.8	42
83	Functional Î¼-Opioid-Galanin Receptor Heteromers in the Ventral Tegmental Area. Journal of Neuroscience, 2017, 37, 1176-1186.	1.7	34
84	Heteroreceptor Complexes Implicated in Parkinsonâ€™s Disease. , 2017, , 477-501.		1
85	Neurochemical evidence supporting dopamine D1â€“D2 receptor heteromers in the striatum of the long-tailed macaque: changes following dopaminergic manipulation. Brain Structure and Function, 2017, 222, 1767-1784.	1.2	58
86	Binding and Signaling Studies Disclose a Potential Allosteric Site for Cannabidiol in Cannabinoid CB2 Receptors. Frontiers in Pharmacology, 2017, 8, 744.	1.6	134
87	The Epigenetic Cytocrin Pathway to the Nucleus. Epigenetic Factors, Epigenetic Mediators, and Epigenetic Traits. A Biochemist Perspective. Frontiers in Genetics, 2017, 8, 179.	1.1	10
88	Understanding the Functional Plasticity in Neural Networks of the Basal Ganglia in Cocaine Use Disorder: A Role for Allosteric Receptor-Receptor Interactions in A2A-D2 Heteroreceptor Complexes. Neural Plasticity, 2016, 2016, 1-12.	1.0	28
89	Targeting Cannabinoid CB2 Receptors in the Central Nervous System. Medicinal Chemistry Approaches with Focus on Neurodegenerative Disorders. Frontiers in Neuroscience, 2016, 10, 406.	1.4	108
90	Basic Pharmacological and Structural Evidence for Class A G-Protein-Coupled Receptor Heteromerization. Frontiers in Pharmacology, 2016, 7, 76.	1.6	98

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91	Two Affinity Sites of the Cannabinoid Subtype 2 Receptor Identified by a Novel Homogeneous Binding Assay. Journal of Pharmacology and Experimental Therapeutics, 2016, 358, 580-587.	1.3	20
92	A Significant Role of the Truncated Ghrelin Receptor GHS-R1b in Ghrelin-induced Signaling in Neurons. Journal of Biological Chemistry, 2016, 291, 13048-13062.	1.6	41
93	Targeting the dopamine D3 receptor: an overview of drug design strategies. Expert Opinion on Drug Discovery, 2016, 11, 641-664.	2.5	49
94	Disruption of a dopamine receptor complex amplifies the actions of cocaine. European Neuropsychopharmacology, 2016, 26, 1366-1377.	0.3	36
95	Quaternary structure of a G-protein-coupled receptor heterotetramer in complex with Gi and Gs. BMC Biology, 2016, 14, 26.	1.7	97
96	Fatty acid amide hydrolase inhibition for the symptomatic relief of Parkinsonâ€™s disease. Brain, Behavior, and Immunity, 2016, 57, 94-105.	2.0	51
97	Presynaptic P2X1-3 and Î±3-containing nicotinic receptors assemble into functionally interacting ion channels in the rat hippocampus. Neuropharmacology, 2016, 105, 241-257.	2.0	14
98	Hints on the Lateralization of Dopamine Binding to D1 Receptors in Rat Striatum. Molecular Neurobiology, 2016, 53, 5436-5445.	1.9	7
99	Adenosine deaminase regulates Treg expression in autologous T cell-dendritic cell cocultures from patients infected with HIV-1. Journal of Leukocyte Biology, 2016, 99, 349-359.	1.5	20
100	Purinergic signaling in Parkinson's disease. Relevance for treatment. Neuropharmacology, 2016, 104, 161-168.	2.0	68
101	Structures for G-Protein-Coupled Receptor Tetramers in Complex with G Proteins. Trends in Biochemical Sciences, 2015, 40, 548-551.	3.7	60
102	Detection of cannabinoid receptors CB1 and CB2 within basal ganglia output neurons in macaques: changes following experimental parkinsonism. Brain Structure and Function, 2015, 220, 2721-2738.	1.2	82
103	Allosteric interactions between agonists and antagonists within the adenosine A _{2A} receptor-dopamine D ₂ receptor heterotetramer. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3609-18.	3.3	135
104	The relevance of theobromine for the beneficial effects of cocoa consumption. Frontiers in Pharmacology, 2015, 6, 30.	1.6	100
105	Alternatively activated microglia and macrophages in the central nervous system. Progress in Neurobiology, 2015, 131, 65-86.	2.8	561
106	Orexinâ€"Corticotropin-Releasing Factor Receptor Heteromers in the Ventral Tegmental Area as Targets for Cocaine. Journal of Neuroscience, 2015, 35, 6639-6653.	1.7	66
107	Stronger Dopamine D1 Receptor-Mediated Neurotransmission in Dyskinesia. Molecular Neurobiology, 2015, 52, 1408-1420.	1.9	49
108	Role of Cannabinoid Receptor CB2 in HER2 Pro-oncogenic Signaling in Breast Cancer. Journal of the National Cancer Institute, 2015, 107, djv077.	3.0	98

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109	Moonlighting Adenosine Deaminase: A Target Protein for Drug Development. Medicinal Research Reviews, 2015, 35, 85-125.	5.0	54
110	Cognitive Impairment Induced by Delta9-tetrahydrocannabinol Occurs through Heteromers between Cannabinoid CB1 and Serotonin 5-HT2A Receptors. PLoS Biology, 2015, 13, e1002194.	2.6	157
111	Functional Selectivity of Allosteric Interactions within G Proteinâ€"Coupled Receptor Oligomers: The Dopamine D₁-D₃ Receptor Heterotetramer. Molecular Pharmacology, 2014, 86, 417-429.	1.0	114
112	Cocaine Disrupts Histamine H₃Receptor Modulation of Dopamine D₁Receptor Signaling: Ïƒ₁-D₁-H₃Receptor Complexes as Key Targets for Reducing Cocaine's Effects. Journal of Neuroscience, 2014, 34, 3545-3558.	1.7	66
113	CCR5/CD4/CXCR4 oligomerization prevents HIV-1 gp120_{IIIB}binding to the cell surface. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1960-9.	3.3	45
114	Successful therapies for AlzheimerÃ¢â‚¬â„¢s disease: why so many in animal models and none in humans?. Frontiers in Pharmacology, 2014, 5, 146.	1.6	138
115	Potential of caveolae in the therapy of cardiovascular and neurological diseases. Frontiers in Physiology, 2014, 5, 370.	1.3	17
116	Intracellular Calcium Levels Determine Differential Modulation of Allosteric Interactions within G Protein-Coupled Receptor Heteromers. Chemistry and Biology, 2014, 21, 1546-1556.	6.2	51
117	Gâ€Proteinâ€Coupled Receptor Heteromers as Key Players in the Molecular Architecture of the Central Nervous System. CNS Neuroscience and Therapeutics, 2014, 20, 703-709.	1.9	23
118	Neuroprotective Potential of Adenosine A_{2A}and Cannabinoid CB₁Receptor Antagonists in an Animal Model of Parkinson Disease. Journal of Neuropathology and Experimental Neurology, 2014, 73, 414-424.	0.9	31
119	Understanding the Added Value of G-Protein-Coupled Receptor Heteromers. Scientifica, 2014, 2014, 1-7.	0.6	6
120	l-DOPA-treatment in primates disrupts the expression of A2A adenosineâ€"CB1 cannabinoidâ€"D2 dopamine receptor heteromers in the caudate nucleus. Neuropharmacology, 2014, 79, 90-100.	2.0	83
121	Dopamine receptor heteromeric complexes and their emerging functions. Progress in Brain Research, 2014, 211, 183-200.	0.9	38
122	Targeting CB2-GPR55 Receptor Heteromers Modulates Cancer Cell Signaling. Journal of Biological Chemistry, 2014, 289, 21960-21972.	1.6	95
123	l-DOPA disrupts adenosine A2Aâ€"cannabinoid CB1â€"dopamine D2 receptor heteromer cross-talk in the striatum of hemiparkinsonian rats: Biochemical and behavioral studies. Experimental Neurology, 2014, 253, 180-191.	2.0	77
124	M17 Targeting Dopamine D1-histamine H3 Receptor Heteromers As A Therapeutical Strategy To Prevent Cognitive Deficits And Neurodegeneration In Huntington's Disease. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, A100-A100.	0.9	0
125	Challenges in the Development of Heteromer-GPCR-Based Drugs. Progress in Molecular Biology and Translational Science, 2013, 117, 143-162.	0.9	10
126	A1Râ€"A2AR heteromers coupled to Gs and Gi/0 proteins modulate GABA transport into astrocytes. Purinergic Signalling, 2013, 9, 433-449.	1.1	123

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127	CB2 receptor and amyloid pathology in frontal cortex of Alzheimer's disease patients. Neurobiology of Aging, 2013, 34, 805-808.	1.5	152
128	The catalytic site structural gate of adenosine deaminase allosterically modulates ligand binding to adenosine receptors. FASEB Journal, 2013, 27, 1048-1061.	0.2	35
129	Mechanisms of cannabidiol neuroprotection in hypoxicâ€“ischemic newborn pigs: Role of 5HT1A and CB2 receptors. Neuropharmacology, 2013, 71, 282-291.	2.0	182
130	Homodimerization of adenosine A1 receptors in brain cortex explains the biphasic effects of caffeine. Neuropharmacology, 2013, 71, 56-69.	2.0	30
131	Health Benefits of Methylxanthines in Cacao and Chocolate. Nutrients, 2013, 5, 4159-4173.	1.7	155
132	Detection of Receptor Heteromers Involving Dopamine Receptors by the Sequential BRET-FRET Technology. Methods in Molecular Biology, 2013, 964, 95-105.	0.4	10
133	Cocaine Inhibits Dopamine D2 Receptor Signaling via Sigma-1-D2 Receptor Heteromers. PLoS ONE, 2013, 8, e61245.	1.1	112
134	Circadian-Related Heteromerization of Adrenergic and Dopamine D4 Receptors Modulates Melatonin Synthesis and Release in the Pineal Gland. PLoS Biology, 2012, 10, e1001347.	2.6	132
135	Cannabinoid Receptors CB1 and CB2 Form Functional Heteromers in Brain. Journal of Biological Chemistry, 2012, 287, 20851-20865.	1.6	196
136	An old enzyme for current needs: adenosine deaminase and a dendritic cell vaccine for HIV. Immunology and Cell Biology, 2012, 90, 594-600.	1.0	7
137	Transcriptional profiling of striatal neurons in response to single or concurrent activation of dopamine D2, adenosine A2A and metabotropic glutamate type 5 receptors: Focus on beta-synuclein expression. Gene, 2012, 508, 199-205.	1.0	5
138	Unmasking adenosine 2A receptors (A2ARs) in monkey basal ganglia output neurons using cholera toxin subunit B (CTB). Neurobiology of Disease, 2012, 47, 347-357.	2.1	4
139	Adenosine Deaminase Enhances the Immunogenicity of Human Dendritic Cells from Healthy and HIV-Infected Individuals. PLoS ONE, 2012, 7, e51287.	1.1	21
140	Dopamineâ€“Galanin Receptor Heteromers Modulate Cholinergic Neurotransmission in the Rat Ventral Hippocampus. Journal of Neuroscience, 2011, 31, 7412-7423.	1.7	31
141	Biotin Ergopeptide Probes for Dopamine Receptors. Journal of Medicinal Chemistry, 2011, 54, 1080-1090.	2.9	13
142	Modulation of GABA Transport by Adenosine A1R-A2AR Heteromers, Which Are Coupled to Both Gs- and Gi/o-Proteins. Journal of Neuroscience, 2011, 31, 15629-15639.	1.7	16
143	Real-Time G-Protein-Coupled Receptor Imaging to Understand and Quantify Receptor Dynamics. Scientific World Journal, The, 2011, 11, 1995-2010.	0.8	2
144	A2A adenosine receptor ligand binding and signalling is allosterically modulated by adenosine deaminase. Biochemical Journal, 2011, 435, 701-709.	1.7	37

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145	Adenosine A2A Receptors and A2A Receptor Heteromers as Key Players in Striatal Function. Frontiers in Neuroanatomy, 2011, 5, 36.	0.9	44
146	Reinforcing and neurochemical effects of cannabinoid CB1 receptor agonists, but not cocaine, are altered by an adenosine A2A receptor antagonist. Addiction Biology, 2011, 16, 405-415.	1.4	50
147	Past, present and future of A2A adenosine receptor antagonists in the therapy of Parkinson's disease. , 2011, 132, 280-299.		170
148	Production of functional recombinant G-protein coupled receptors for heteromerization studies. Journal of Neuroscience Methods, 2011, 199, 258-264.	1.3	10
149	Expression of the mRNA coding the cannabinoid receptor 2 in the pallidal complex of<i>Macaca fascicularis</i>. Journal of Psychopharmacology, 2011, 25, 97-104.	2.0	120
150	Abnormal calcium handling in atrial fibrillation is linked to up-regulation of adenosine A2A receptors. European Heart Journal, 2011, 32, 721-729.	1.0	67
151	Dopamine D1-histamine H3 Receptor Heteromers Provide a Selective Link to MAPK Signaling in GABAergic Neurons of the Direct Striatal Pathway. Journal of Biological Chemistry, 2011, 286, 5846-5854.	1.6	109
152	Striatal Pre- and Postsynaptic Profile of Adenosine A2A Receptor Antagonists. PLoS ONE, 2011, 6, e16088.	1.1	115
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