Francisco Ciruela

List of Publications by Year
in descending order

288 papers	13,291 citations	21215 62 h-index	38517 99 g-index
301 all docs	301 docs citations	301 times ranked	11838 citing authors

#	Article	IF	Citations
1	Remote local photoactivation of morphine produces analgesia without opioidâ€related adverse effects. British Journal of Pharmacology, 2023, 180, 958-974.	2.7	15
2	Influence of sex on intracellular calcium homoeostasis in patients with atrial fibrillation. Cardiovascular Research, 2022, 118, 1033-1045.	1.8	19
3	G protein-coupled receptor-effector macromolecular membrane assemblies (GEMMAs). , 2022, 231, 107977.		28
4	Overcoming the Challenges of Detecting GPCR Oligomerization in the Brain. Current Neuropharmacology, 2022, 20, 1035-1045.	1.4	7
5	Brain Iron Deficiency Changes the Stoichiometry of Adenosine Receptor Subtypes in Cortico-Striatal Terminals: Implications for Restless Legs Syndrome. Molecules, 2022, 27, 1489.	1.7	11
6	Cathepsin D interacts with adenosine A2A receptors in mouse macrophages to modulate cell surface localization and inflammatory signaling. Journal of Biological Chemistry, 2022, 298, 101888.	1.6	4
7	Optical Control of Adenosine A3 Receptor Signaling: Towards a Multimodal Phototherapy in Psoriasis?. Frontiers in Immunology, 2022, 13, 904762.	2.2	2
8	The mGlu5 Receptor Protomer-Mediated Dopamine D2 Receptor Trans-Inhibition Is Dependent on the Adenosine A2A Receptor Protomer: Implications for Parkinsonâ€™s Disease. Molecular Neurobiology, 2022, 59, 5955-5969.	1.9	3
9	Disease-associated GRIN protein truncating variants trigger NMDA receptor loss-of-function. Human Molecular Genetics, 2021, 29, 3859-3871.	1.4	16
10	Functional Interplay of Type-2 Corticotrophin Releasing Factor and Dopamine Receptors in the Basolateral Amygdala-Medial Prefrontal Cortex Circuitry. International Journal of Neuropsychopharmacology, 2021, 24, 221-228.	1.0	4
11	Decreased striatal adenosine A2A-dopamine D2 receptor heteromerization in schizophrenia. Neuropsychopharmacology, 2021, 46, 665-672.	2.8	24
12	Study of GPCR Homo- and Heteroreceptor Complexes in Specific Neuronal Cell Populations Using the In Situ Proximity Ligation Assay. Neuromethods, 2021, , 117-134.	0.2	4
13	Monitoring GPCR-Mediated cAMP Accumulation in Rat Striatal Synaptosomes. Neuromethods, 2021, , 531-540.	0.2	0
14	Optical Control of Brain Receptors Using Photoactive Drugs in Behaving Animals. Neuromethods, 2021, , 513-522.	0.2	0
15	Amplified Luminescent Proximity Homogeneous Assay (Alpha)-Based Technique to Detect GPCR Oligomers in Human Postmortem Brain. Neuromethods, 2021, , 135-142.	0.2	0
16	GPCR-Mediated MAPK/ERK Cascade Activation in Mouse Striatal Slices. Neuromethods, 2021, , 541-549.	0.2	0
17	Ecto-GPR37: a potential biomarker for Parkinsonâ€™s disease. Translational Neurodegeneration, 2021, 10, 8.	3.6	19
18	Adenosine A2A Receptors Are Upregulated in Peripheral Blood Mononuclear Cells from Atrial Fibrillation Patients. International Journal of Molecular Sciences, 2021, 22, 3467.	1.8	12

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19	Investigating the Role of Guanosine on Human Neuroblastoma Cell Differentiation and the Underlying Molecular Mechanisms. Frontiers in Pharmacology, 2021, 12, 658806.	1.6	6
20	GPR37 is processed in the Nâ€tterminal ectodomain by ADAM10 and furin. FASEB Journal, 2021, 35, e21654.	0.2	11
21	Prevalence of SARS-CoV-2 Infection at the University of Barcelona during the Third COVID-19 Pandemic Wave in Spain. International Journal of Environmental Research and Public Health, 2021, 18, 6526.	1.2	2
22	Identification of the GlialCAM interactome: the G protein-coupled receptors GPRC5B and GPR37L1 modulate megalencephalic leukoencephalopathy proteins. Human Molecular Genetics, 2021, 30, 1649-1665.	1.4	12
23	Optical Control of Adenosine-Mediated Pain Modulation. Bioconjugate Chemistry, 2021, 32, 1979-1983.	1.8	8
24	Optical control of adenosine A3 receptor function in psoriasis. Pharmacological Research, 2021, 170, 105731.	3.1	7
25	Editorial: â€œPurinergic Signaling 2020: The State-of-The-Art Commented by the Members of the Italian Purine Clubâ€• Frontiers in Pharmacology, 2021, 12, 768923.	1.6	0
26	Dopaminergic-cholinergic imbalance in movement disorders: a role for the novel striatal dopamine D₂- muscarinic acetylcholine M₁ receptor heteromer. Neural Regeneration Research, 2021, 16, 1406.	1.6	4
27	Cytosolic GPR37, but not GPR37L1, multimerization and its reversal by Parkin: A live cell imaging study. FASEB Journal, 2021, 35, e22055.	0.2	4
28	Oligomerization of G protein-coupled receptors: Still doubted?. Progress in Molecular Biology and Translational Science, 2020, 169, 297-321.	0.9	20
29	Kainic acid-induced status epilepticus decreases mGlu5 receptor and phase-specifically downregulates Homer1b/c expression. Brain Research, 2020, 1730, 146640.	1.1	6
30	Inhibitory Control of Basolateral Amygdalar Transmission to the Prefrontal Cortex by Local Corticotrophin Type 2 Receptor. International Journal of Neuropsychopharmacology, 2020, 23, 108-116.	1.0	10
31	Inhibition of Tryptophan Hydroxylases and Monoamine Oxidase-A by the Proton Pump Inhibitor, Omeprazoleâ€"In Vitro and In Vivo Investigations. Frontiers in Pharmacology, 2020, 11, 593416.	1.6	10
32	Centrally Active Multitarget Anti-Alzheimer Agents Derived from the Antioxidant Lead CR-6. Journal of Medicinal Chemistry, 2020, 63, 9360-9390.	2.9	25
33	Involvement of adenosine A1 and A2A receptors on guanosine-mediated anti-tremor effects in reserpinized mice. Purinergic Signalling, 2020, 16, 379-387.	1.1	9
34	Pharmacological activation of mGlu5 receptors with the positive allosteric modulator VU0360172, modulates thalamic GABAergic transmission. Neuropharmacology, 2020, 178, 108240.	2.0	10
35	Ligand with Two Modes of Interaction with the Dopamine D₂ Receptorâ€"An Induced-Fit Mechanism of Insurmountable Antagonism. ACS Chemical Neuroscience, 2020, 11, 3130-3143.	1.7	8
36	Guanosine-Mediated Anxiolytic-Like Effect: Interplay with Adenosine A1 and A2A Receptors. International Journal of Molecular Sciences, 2020, 21, 9281.	1.8	13

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37	Control of glutamate release by complexes of adenosine and cannabinoid receptors. BMC Biology, 2020, 18, 9.	1.7	51
38	Striatal Dopamine D2-Muscarinic Acetylcholine M1 Receptorâ€“Receptor Interaction in a Model of Movement Disorders. Frontiers in Pharmacology, 2020, 11, 194.	1.6	11
39	Design, Synthesis and Characterization of a New Series of Fluorescent Metabotropic Glutamate Receptor Type 5 Negative Allosteric Modulators. Molecules, 2020, 25, 1532.	1.7	2
40	Revealing Adenosine A2A-Dopamine D2 Receptor Heteromers in Parkinsonâ€™s Disease Post-Mortem Brain through a New AlphaScreen-Based Assay. International Journal of Molecular Sciences, 2019, 20, 3600.	1.8	40
41	Synthesis, In Vitro Profiling, and In Vivo Efficacy Studies of a New Family of Multitarget Anti-Alzheimer Compounds. Proceedings (mdpi), 2019, 22, .	0.2	0
42	Proximity Ligation Assay Image Analysis Protocol: Addressing Receptor-Receptor Interactions. Methods in Molecular Biology, 2019, 2040, 41-50.	0.4	27
43	Functional and Neuroprotective Role of Striatal Adenosine A_{2A}Receptor Heterotetramers. Journal of Caffeine and Adenosine Research, 2019, 9, 89-97.	0.8	26
44	<scp>l</scp> -Serine dietary supplementation is associated with clinical improvement of loss-of-function GRIN2B -related pediatric encephalopathy. Science Signaling, 2019, 12, .	1.6	53
45	Optical Modulation of Metabotropic Glutamate Receptor Type 5 In Vivo Using a Photoactive Drug. Methods in Molecular Biology, 2019, 1947, 351-359.	0.4	4
46	Adenosine A1-A2A Receptor-Receptor Interaction: Contribution to Guanosine-Mediated Effects. Cells, 2019, 8, 1630.	1.8	26
47	Chronic adenosine A_{2A} receptor blockade induces locomotor sensitization and potentiates striatal LTD IN GPR37â€deficient mice. Journal of Neurochemistry, 2019, 148, 796-809.	2.1	10
48	Adenosine A2A-Cannabinoid CB1 Receptor Heteromers in the Hippocampus: Cannabidiol Blunts Î”9-Tetrahydrocannabinol-Induced Cognitive Impairment. Molecular Neurobiology, 2019, 56, 5382-5391.	1.9	47
49	New ionic targets of 3,3â€²,5â€²-triiodothyronine at the plasma membrane of rat Sertoli cells. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 748-759.	1.4	7
50	G protein-coupled receptor 37 (GPR37) emerges as an important modulator of adenosinergic transmission in the striatum. Neural Regeneration Research, 2019, 14, 1912.	1.6	3
51	Singular Location and Signaling Profile of Adenosine A2A-Cannabinoid CB1 Receptor Heteromers in the Dorsal Striatum. Neuropsychopharmacology, 2018, 43, 964-977.	2.8	52
52	Behavioral control by striatal adenosine A_{2A}â€dopamine D₂ receptor heteromers. Genes, Brain and Behavior, 2018, 17, e12432.	1.1	27
53	Differential association of GABAB receptors with their effector ion channels in Purkinje cells. Brain Structure and Function, 2018, 223, 1565-1587.	1.2	27
54	Antipsychotic-Like Efficacy of Dopamine D2 Receptor-Biased Ligands is Dependent on Adenosine A2A Receptor Expression. Molecular Neurobiology, 2018, 55, 4952-4958.	1.9	28

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55	PBF509, an Adenosine A2A Receptor Antagonist With Efficacy in Rodent Models of Movement Disorders. Frontiers in Pharmacology, 2018, 9, 1200.	1.6	18
56	Dopamine receptor heteromers: biasing antipsychotics. Future Medicinal Chemistry, 2018, 10, 2675-2677.	1.1	2
57	SK2 Channels Associate With mGlu1Î± Receptors and CaV2.1 Channels in Purkinje Cells. Frontiers in Cellular Neuroscience, 2018, 12, 311.	1.8	13
58	Triglyceride Form of Docosahexaenoic Acid Mediates Neuroprotection in Experimental Parkinsonism. Frontiers in Neuroscience, 2018, 12, 604.	1.4	26
59	Neuromodulatory Effects of Guanine-Based Purines in Health and Disease. Frontiers in Cellular Neuroscience, 2018, 12, 376.	1.8	49
60	Essential Control of the Function of the Striatopallidal Neuron by Pre-coupled Complexes of Adenosine A2A-Dopamine D2 Receptor Heterotetramers and Adenylyl Cyclase. Frontiers in Pharmacology, 2018, 9, 243.	1.6	73
61	Pridopidine Reverses Phencyclidine-Induced Memory Impairment. Frontiers in Pharmacology, 2018, 9, 338.	1.6	9
62	Assessing GPCR Dimerization in Living Cells: Comparison of the NanoBiT Assay with Related Bioluminescence- and Fluorescence-Based Approaches. Neuromethods, 2018, , 239-250.	0.2	7
63	Metabotropic glutamate type 5 receptor requires contactin-associated protein 1 to control memory formation. Human Molecular Genetics, 2018, 27, 3528-3541.	1.4	4
64	Functional coupling of GABA _{A/B} receptors and the channel TRPV4 mediates rapid progesterone signaling in the oviduct. Science Signaling, 2018, 11, .	1.6	13
65	Phosphoproteomic Alterations of Ionotropic Glutamate Receptors in the Hippocampus of the Ts65Dn Mouse Model of Down Syndrome. Frontiers in Molecular Neuroscience, 2018, 11, 226.	1.4	4
66	Remote control of movement disorders using a photoactive adenosine A2A receptor antagonist. Journal of Controlled Release, 2018, 283, 135-142.	4.8	31
67	Mechanical Allodynia Assessment in a Murine Neuropathic Pain Model. Bio-protocol, 2018, 8, e2671.	0.2	2
68	Adenosine A2A-dopamine D2 receptor heteromers operate striatal function: impact on Parkinson's disease pharmacotherapeutics. Neural Regeneration Research, 2018, 13, 241.	1.6	6
69	Calcium modulates calmodulin/Î±-actinin 1 interaction with and agonist-dependent internalization of the adenosine A 2A receptor. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 674-686.	1.9	4
70	Locus coeruleus at asymptomatic early and middle Braak stages of neurofibrillary tangle pathology. Neuropathology and Applied Neurobiology, 2017, 43, 373-392.	1.8	72
71	Novel Properties of LRRC8-Mediated VRAC Currents. Biophysical Journal, 2017, 112, 416a-417a.	0.2	1
72	Systematic proteinâ€“protein interaction mapping for clinically relevant human <scp>GPCR</scp>s. Molecular Systems Biology, 2017, 13, 918.	3.2	63

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73	Illuminating Phenylazopyridines To Photoswitch Metabotropic Glutamate Receptors: From the Flask to the Animals. ACS Central Science, 2017, 3, 81-91.	5.3	58
74	Parkinsonâ€™s disease-associated GPR37 receptor regulates cocaine-mediated synaptic depression in corticostriatal synapses. Neuroscience Letters, 2017, 638, 162-166.	1.0	13
75	The Parkinsonâ€™s disease-associated GPR37 receptor interacts with striatal adenosine A2A receptor controlling its cell surface expression and function in vivo. Scientific Reports, 2017, 7, 9452.	1.6	39
76	Angiotensin II type 1/adenosine A 2A receptor oligomers: a novel target for tardive dyskinesia. Scientific Reports, 2017, 7, 1857.	1.6	11
77	Brain Membrane Fractionation: An Ex Vivo Approach to Assess Subsynaptic Protein Localization. Journal of Visualized Experiments, 2017, , .	0.2	4
78	Double deficiency of Trex2 and DNase1L2 nucleases leads to accumulation of DNA in lingual cornifying keratinocytes without activating inflammatory responses. Scientific Reports, 2017, 7, 11902.	1.6	14
79	Bitopic fluorescent antagonists of the A_{2A} adenosine receptor based on pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5-amine functionalized congeners. MedChemComm, 2017, 8, 1659-1667.	3.5	15
80	Cognitive impairments associated with alterations in synaptic proteins induced by the genetic loss of adenosine A 2A receptors in mice. Neuropharmacology, 2017, 126, 48-57.	2.0	27
81	Exploring Drug-Receptor Interaction Kinetics: Lessons from a Sigma-1 Receptor Transmembrane Biosensor. Frontiers in Pharmacology, 2017, 8, 4.	1.6	2
82	Antiparkinsonian Efficacy of Guanosine in Rodent Models of Movement Disorder. Frontiers in Pharmacology, 2017, 8, 700.	1.6	20
83	Synthesis and Characterization of a New Bivalent Ligand Combining Caffeine and Docosahexaenoic Acid. Molecules, 2017, 22, 366.	1.7	5
84	Adenosine A1-A2A Receptor Heteromer as a Possible Target for Early-Onset Parkinson's Disease. Frontiers in Neuroscience, 2017, 11, 652.	1.4	10
85	Optical control of pain in vivo with a photoactive mGlu5 receptor negative allosteric modulator. ELife, 2017, 6, .	2.8	48
86	Adenosine Receptors Oligomers in Parkinsonâ€™s Disease. , 2017, , 215-230.		0
87	Formalin Murine Model of Pain. Bio-protocol, 2017, 7, e2628.	0.2	19
88	The Adenosinergic System in the Neurobiology of Schizophrenia: Prospective Adenosine Receptorâ€“Based Pharmacotherapy. , 2017, , 405-419.		0
89	The Guanine-Based Purinergic System: The Tale of An Orphan Neuromodulation. Frontiers in Pharmacology, 2016, 7, 158.	1.6	45
90	Membrane omega-3 fatty acids modulate the oligomerisation kinetics of adenosine A2A and dopamine D2 receptors. Scientific Reports, 2016, 6, 19839.	1.6	89

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91	Genetic blockade of adenosine A2A receptors induces cognitive impairments and anatomical changes related to psychotic symptoms in mice. European Neuropsychopharmacology, 2016, 26, 1227-1240.	0.3	26
92	Investigation of LRRC8-Mediated Volume-Regulated Anion Currents in Xenopus Oocytes. Biophysical Journal, 2016, 111, 1429-1443.	0.2	94
93	The Exonuclease Trex2 Shapes PsoriaticÂPhenotype. Journal of Investigative Dermatology, 2016, 136, 2345-2355.	0.3	15
94	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
95	Fluorescent Ligands and TR-FRET to Study Receptorâ€“Receptor Interactions in the Brain. Neuromethods, 2016, , 99-107.	0.2	0
96	Co-immunoprecipitation from Brain. Neuromethods, 2016, , 19-29.	0.2	6
97	In Situ Proximity Ligation Assay to Study and Understand the Distribution and Balance of GPCR Homo- and Heteroreceptor Complexes in the Brain. Neuromethods, 2016, , 109-124.	0.2	28
98	GPCR-Mediated MAPK/ERK Cascade Activation in Mouse Striatal Slices. Neuromethods, 2016, , 465-472.	0.2	0
99	Untangling dopamine-adenosine receptor assembly in experimental parkinsonism. DMM Disease Models and Mechanisms, 2015, 8, 57-63.	1.2	55
100	Facilitated Anion Transport Induces Hyperpolarization of the Cell Membrane That Triggers Differentiation and Cell Death in Cancer Stem Cells. Journal of the American Chemical Society, 2015, 137, 15892-15898.	6.6	109
101	Visualizing G Proteinâ€Coupled Receptorâ€Receptor Interactions in Brain Using Proximity Ligation In Situ Assay. Current Protocols in Cell Biology, 2015, 67, 17.17.1-17.17.16.	2.3	25
102	Lighting up G protein-coupled purinergic receptors with engineered fluorescent ligands. Neuropharmacology, 2015, 98, 58-67.	2.0	20
103	Enhancement of the FGFR1 signaling in the FGFR1-5-HT1A heteroreceptor complex in midbrain raphe 5-HT neuron systems. Relevance for neuroplasticity and depression. Biochemical and Biophysical Research Communications, 2015, 463, 180-186.	1.0	33
104	Adenosine A1 receptor activation modulates N-methyl-d-aspartate (NMDA) preconditioning phenotype in the brain. Behavioural Brain Research, 2015, 282, 103-110.	1.2	13
105	The role of parkinson's diseaseâ€associated receptor <scp>GPR</scp>37 in the hippocampus: functional interplay with the adenosinergic system. Journal of Neurochemistry, 2015, 134, 135-146.	2.1	48
106	Adenosine A2A receptor-mediated control of pilocarpine-induced tremulous jaw movements is Parkinson's disease-associated GPR37 receptor-dependent. Behavioural Brain Research, 2015, 288, 103-106.	1.2	15
107	Evidence for the existence of FGFR1â€“5-HT1A heteroreceptor complexes in the midbrain raphe 5-HT system. Biochemical and Biophysical Research Communications, 2015, 456, 489-493.	1.0	44
108	GPCR Oligomerization Analysis by Means of BRET and dFRAP. Methods in Molecular Biology, 2015, 1272, 133-141.	0.4	10

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109	Adenosine in the Neurobiology of Schizophrenia: Potential Adenosine Receptor-Based Pharmacotherapy. , 2015, , 375-388.		1
110	Predicting the Antinociceptive Efficacy of Ïƒ₁ Receptor Ligands by a Novel Receptor Fluorescence Resonance Energy Transfer (FRET) Based Biosensor. Journal of Medicinal Chemistry, 2014, 57, 238-242.	2.9	20
111	Coassembly and Coupling of SK2 Channels and mGlu₅Receptors. Journal of Neuroscience, 2014, 34, 14793-14802.	1.7	20
112	Portraying G Protein-Coupled Receptors with Fluorescent Ligands. ACS Chemical Biology, 2014, 9, 1918-1928.	1.6	30
113	Dopamine <scp>D</scp>₁ and corticotrophinâ€releasing hormone typeâ€2<scp>Î±</scp> receptors assemble into functionally interacting complexes in living cells. British Journal of Pharmacology, 2014, 171, 5650-5664.	2.7	23
114	Uncovering Caffeineâ€™s Adenosine A_{2A} Receptor Inverse Agonism in Experimental Parkinsonism. ACS Chemical Biology, 2014, 9, 2496-2501.	1.6	37
115	Moonlighting Proteins and Proteinâ€“Protein Interactions as Neurotherapeutic Targets in the G Protein-Coupled Receptor Field. Neuropsychopharmacology, 2014, 39, 131-155.	2.8	101
116	Photomodulation of G Protein-Coupled Adenosine Receptors by a Novel Light-Switchable Ligand. Bioconjugate Chemistry, 2014, 25, 1847-1854.	1.8	44
117	Striatal adenosine A2A receptor expression is controlled by S-adenosyl-L-methionine-mediated methylation. Purinergic Signalling, 2014, 10, 523-528.	1.1	15
118	Cell Membrane Composition Affects GPCR Aggregation. Biophysical Journal, 2014, 106, 517a-518a.	0.2	0
119	Deciphering G Protein-Coupled Receptor Biology with Fluorescence-based Methods. Current Pharmaceutical Biotechnology, 2014, 15, 962-970.	0.9	1
120	Synthesis of the Adenosine A2A Receptor Fluorescent Agonist MRS5424. Bio-protocol, 2014, 4, .	0.2	0
121	Assembly of Gamma-Tubulin Ring Complexes. Progress in Molecular Biology and Translational Science, 2013, 117, 511-530.	0.9	11
122	Chemokine Oligomerization in Cell Signaling and Migration. Progress in Molecular Biology and Translational Science, 2013, 117, 531-578.	0.9	37
123	The Parkinson's diseaseâ€associated <scp>GPR</scp>37 receptorâ€mediated cytotoxicity is controlled by its intracellular cysteineâ€rich domain. Journal of Neurochemistry, 2013, 125, 362-372.	2.1	28
124	Quaternary Structure Predictions and Structural Communication Features of GPCR Dimers. Progress in Molecular Biology and Translational Science, 2013, 117, 105-142.	0.9	14
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	G Proteinâ€“Coupled Receptor Heterodimerization in the Brain. Methods in Enzymology, 2013, 521, 281-294.	0.4	110

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127	Disease-Specific Heteromerization of G-Protein-Coupled Receptors That Target Drugs of Abuse. Progress in Molecular Biology and Translational Science, 2013, 117, 207-265.	0.9	28
128	Structural Aspects of Amyloid Formation. Progress in Molecular Biology and Translational Science, 2013, 117, 73-101.	0.9	5
129	Guanosine behind the scene. Journal of Neurochemistry, 2013, 126, 425-427.	2.1	16
130	Physicochemical Principles of Protein Aggregation. Progress in Molecular Biology and Translational Science, 2013, 117, 53-72.	0.9	16
131	The type II cGMP dependent protein kinase regulates GluA1 levels at the plasma membrane of developing cerebellar granule cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 1820-1831.	1.9	14
132	Di/Oligomerization of GPCRsâ€"Mechanisms and Functional Significance. Progress in Molecular Biology and Translational Science, 2013, 117, 163-185.	0.9	34
133	The Structural Basis for the Allosteric Regulation of Ribonucleotide Reductase. Progress in Molecular Biology and Translational Science, 2013, 117, 389-410.	0.9	28
134	Consequences of Dimerization of the Voltage-Gated Proton Channel. Progress in Molecular Biology and Translational Science, 2013, 117, 335-360.	0.9	13
135	Structural, Evolutionary, and Assembly Principles of Protein Oligomerization. Progress in Molecular Biology and Translational Science, 2013, 117, 25-51.	0.9	107
136	Evolutionary, Physicochemical, and Functional Mechanisms of Protein Homooligomerization. Progress in Molecular Biology and Translational Science, 2013, 117, 3-24.	0.9	34
137	Multimerization of the Dnmt3a DNA Methyltransferase and Its Functional Implications. Progress in Molecular Biology and Translational Science, 2013, 117, 445-464.	0.9	16
138	G Protein-Coupled Receptor Heterocomplexes in Neuropsychiatric Disorders. Progress in Molecular Biology and Translational Science, 2013, 117, 187-205.	0.9	28
139	Oligomerization of Dynamin Superfamily Proteins in Health and Disease. Progress in Molecular Biology and Translational Science, 2013, 117, 411-443.	0.9	49
140	Oligomerization in Endoplasmic Reticulum Stress Signaling. Progress in Molecular Biology and Translational Science, 2013, 117, 465-484.	0.9	5
141	Oligomerization of the Mitochondrial Protein VDAC1. Progress in Molecular Biology and Translational Science, 2013, 117, 303-334.	0.9	56
142	Dopamine D2 receptor-mediated modulation of adenosine A2A receptor agonist binding within the A2AR/D2R oligomer framework. Neurochemistry International, 2013, 63, 42-46.	1.9	24
143	Receptor Heteromeric Assemblyâ€"How It Works and Why It Matters. Progress in Molecular Biology and Translational Science, 2013, 117, 361-386.	0.9	35
144	Social Networking Among Voltage-Activated Potassium Channels. Progress in Molecular Biology and Translational Science, 2013, 117, 269-302.	0.9	9

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145	Î²-Adrenergic Receptors Activate Exchange Protein Directly Activated by cAMP (Epac), Translocate Munc13-1, and Enhance the Rab3A-RIM1Î± Interaction to Potentiate Glutamate Release at Cerebrocortical Nerve Terminals. Journal of Biological Chemistry, 2013, 288, 31370-31385.	1.6	42
146	Oligomerization of Rab/Effector Complexes in the Regulation of Vesicle Trafficking. Progress in Molecular Biology and Translational Science, 2013, 117, 579-614.	0.9	7
147	Ras-Association Domain of Sorting Nexin 27 Is Critical for Regulating Expression of GIRK Potassium Channels. PLoS ONE, 2013, 8, e59800.	1.1	21
148	A New Interpretative Paradigm for Conformational Protein Diseases. Current Protein and Peptide Science, 2013, 14, 141-160.	0.7	5
149	Targeting striatal metabotropic glutamate receptor type 5 in Parkinson's disease: bridging molecular studies and clinical trials. CNS and Neurological Disorders - Drug Targets, 2013, 12, 1128-42.	0.8	9
150	On the existence and function of galanin receptor heteromers in the central nervous system. Frontiers in Endocrinology, 2012, 3, 127.	1.5	57
151	Extrasynaptic Neurotransmission in the Modulation of Brain Function. Focus on the Striatal Neuronalâ€“Glial Networks. Frontiers in Physiology, 2012, 3, 136.	1.3	67
152	GPCR Heteromers and their Allosteric Receptor-Receptor Interactions. Current Medicinal Chemistry, 2012, 19, 356-363.	1.2	83
153	GABAB Receptors-Associated Proteins: Potential Drug Targets in Neurological Disorders?. Current Drug Targets, 2012, 13, 129-144.	1.0	28
154	The Existence of FGFR1-5-HT1A Receptor Heterocomplexes in Midbrain 5-HT Neurons of the Rat: Relevance for Neuroplasticity. Journal of Neuroscience, 2012, 32, 6295-6303.	1.7	17
155	Muscarinic Acetylcholine Receptor-Interacting Proteins (mAChRIPs): Targeting the Receptorsome. Current Drug Targets, 2012, 13, 53-71.	1.0	19
156	Editorial [Hot Topic: G protein-Coupled Receptors Interacting Proteins: Towards the Druggable Interactome (Guest Editor: Francisco Ciruela)]. Current Drug Targets, 2012, 13, 1-2.	1.0	5
157	Synergistic Interaction Between Fentanyl and a Tramadol:Paracetamol Combination on the Inhibition of Nociception in Mice. Journal of Pharmacological Sciences, 2012, 118, 299-302.	1.1	7
158	Fluorescence resonance energy transfer-based technologies in the study of proteinâ€“protein interactions at the cell surface. Methods, 2012, 57, 467-472.	1.9	43
159	Ras-Associated (RA) Domain of Sorting Nexin 27 (SNX27) is Critical for Regulating GIRK Channels. Biophysical Journal, 2012, 102, 537a.	0.2	0
160	Dopamine D4 receptor, but not the ADHD-associated D4.7 variant, forms functional heteromers with the dopamine D2S receptor in the brain. Molecular Psychiatry, 2012, 17, 650-662.	4.1	82
161	Molecular determinants of A_{2A}Râ€“D₂R allosterism: role of the intracellular loop 3 of the D₂R. Journal of Neurochemistry, 2012, 123, 373-384.	2.1	53
162	Fibroblast Growth Factor Receptor 1â€“ 5-Hydroxytryptamine 1A Heteroreceptor Complexes and Their Enhancement of Hippocampal Plasticity. Biological Psychiatry, 2012, 71, 84-91.	0.7	118

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