

Kjell Fuxe

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

813
papers

46,487
citations

108
h-index

174
g-index

830
ext. papers

48,868
ext. citations

4.4
avg, IF

7
L-index

#	Paper	IF	Citations
813	The integrative role of G protein-coupled receptor heterocomplexes in Parkinson's disease.. <i>Neural Regeneration Research</i> , 2022 , 17, 2211-2212	4.5	
812	Intranasal Delivery of Galanin 2 and Neuropeptide Y1 Agonists Enhanced Spatial Memory Performance and Neuronal Precursor Cells Proliferation in the Dorsal Hippocampus in Rats.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 820210	5.6	1
811	Increased density and antagonistic allosteric interactions in A2AR-D2R heterocomplexes in extinction from cocaine use, lost in cue induced reinstatement of cocaine seeking.. <i>Pharmacology Biochemistry and Behavior</i> , 2022 , 215, 173375	3.9	
810	Dysfunctional Heteroreceptor Complexes as Novel Targets for the Treatment of Major Depressive and Anxiety Disorders. <i>Cells</i> , 2022 , 11, 1826	7.9	0
809	Galanin and Neuropeptide Y Interaction Enhances Proliferation of Granule Precursor Cells and Expression of Neuroprotective Factors in the Rat Hippocampus with Consequent Augmented Spatial Memory. <i>Biomedicines</i> , 2022 , 10, 1297	4.8	1
808	Susceptibility of GPCR Heteroreceptor Complexes to Neurotoxins. Relevance for Neurodegenerative and Psychiatric Disorders 2022 , 1-11		
807	Molecular Integration in Adenosine Heteroreceptor Complexes Through Allosteric and De-Phosphorylation (STEP) Mechanisms and its Role in Brain Disease.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 781381	5.6	2
806	Galanin(1-15) Potentiates the Antidepressant-like Effects Induced by Escitalopram in a Rat Model of Depression. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
805	The Balance of MU-Opioid, Dopamine D2 and Adenosine A2A Heteroreceptor Complexes in the Ventral Striatal-Pallidal GABA Antireward Neurons May Have a Significant Role in Morphine and Cocaine Use Disorders. <i>Frontiers in Pharmacology</i> , 2021 , 12, 627032	5.6	5
804	Amplification of potential thermogenetic mechanisms in cetacean brains compared to artiodactyl brains. <i>Scientific Reports</i> , 2021 , 11, 5486	4.9	5
803	Adenosine and Kynurenic Acid Interactions: Possible Relevance for Schizophrenia Treatment?. <i>Frontiers in Pharmacology</i> , 2021 , 12, 654426	5.6	2
802	Galanin and neuropeptide Y interactions elicit antidepressant activity linked to neuronal precursor cells of the dentate gyrus in the ventral hippocampus. <i>Journal of Cellular Physiology</i> , 2021 , 236, 3565-3578	7.8	5
801	Molecular, biochemical and behavioural evidence for a novel oxytocin receptor and serotonin 2C receptor heterocomplex. <i>Neuropharmacology</i> , 2021 , 183, 108394	5.5	7
800	Study of GPCR Homo- and Heteroreceptor Complexes in Specific Neuronal Cell Populations Using the In Situ Proximity Ligation Assay. <i>Neuromethods</i> , 2021 , 117-134	0.4	1
799	The Role of Central Serotonin Neurons and 5-HT Heteroreceptor Complexes in the Pathophysiology of Depression: A Historical Perspective and Future Prospects. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	19
798	Serotonin Heteroreceptor Complexes and Their Integration of Signals in Neurons and Astroglia-Relevance for Mental Diseases. <i>Cells</i> , 2021 , 10,	7.9	3
797	The coming together of allosteric and phosphorylation mechanisms in the molecular integration of A2A heteroreceptor complexes in the dorsal and ventral striatal-pallidal GABA neurons. <i>Pharmacological Reports</i> , 2021 , 73, 1096-1108	3.9	4

796	Co-Immunoprecipitation from Brain. <i>Neuromethods</i> , 2021 , 19-30	0.4	0
795	GALANIN (1-15) ENHANCES THE BEHAVIORAL EFFECTS OF FLUOXETINE IN THE OLFACTORY BULBECTOMY RAT SUGGESTING A NEW AUGMENTATION STRATEGY IN DEPRESSION. <i>International Journal of Neuropsychopharmacology</i> , 2021 ,	5.8	1
794	Adenosine AReceptors in Substance Use Disorders: A Focus on Cocaine. <i>Cells</i> , 2020 , 9,	7.9	9
793	Acute cocaine treatment enhances the antagonistic allosteric adenosine A2A-dopamine D2 receptor-receptor interactions in rat dorsal striatum without increasing significantly extracellular dopamine levels. <i>Pharmacological Reports</i> , 2020 , 72, 332-339	3.9	6
792	Evidence for the existence of A2AR-TrkB heteroreceptor complexes in the dorsal hippocampus of the rat brain: Potential implications of A2AR and TrkB interplay upon ageing. <i>Mechanisms of Ageing and Development</i> , 2020 , 190, 111289	5.6	3
791	Multiple Adenosine-Dopamine (A2A-D2 Like) Heteroreceptor Complexes in the Brain and Their Role in Schizophrenia. <i>Cells</i> , 2020 , 9,	7.9	13
790	Existence of FGFR1-5-HT1AR heteroreceptor complexes in hippocampal astrocytes. Putative link to 5-HT and FGF2 modulation of hippocampal gamma oscillations. <i>Neuropharmacology</i> , 2020 , 170, 108070	5.5	13
789	OSU-6162, a Sigma1R Ligand in Low Doses, Can Further Increase the Effects of Cocaine Self-Administration on Accumbal D2R Heteroreceptor Complexes. <i>Neurotoxicity Research</i> , 2020 , 37, 433-444	4.4	6
788	On the G Protein-Coupled Receptor Neuromodulation of the Claustrum. <i>Neurochemical Research</i> , 2020 , 45, 5-15	4.6	4
787	Conventional and Novel Pharmacological Approaches to Treat Dopamine-Related Disorders: Focus on Parkinson's Disease and Schizophrenia. <i>Neuroscience</i> , 2020 , 439, 301-318	3.9	9
786	Can Allosteric Receptor-Protein Interactions in Receptor Complexes Be a Molecular Mechanism Involved in Cancer Immune Therapy?. <i>Frontiers in Endocrinology</i> , 2019 , 10, 574	5.7	
785	Increased Ethanol Consumption and Locomotion Develop upon Ethanol Deprivation in Rats Overexpressing the Adenosine (A) Receptor. <i>Neuroscience</i> , 2019 , 418, 133-148	3.9	2
784	Oligomeric Receptor Complexes and Their Allosteric Receptor-Receptor Interactions in the Plasma Membrane Represent a New Biological Principle for Integration of Signals in the CNS. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 230	6.1	17
783	Galanin (1-15)-fluoxetine interaction in the novel object recognition test. Involvement of 5-HT1A receptors in the prefrontal cortex of the rats. <i>Neuropharmacology</i> , 2019 , 155, 104-112	5.5	10
782	Role of the galanin N-terminal fragment (1-15) in anhedonia: Involvement of the dopaminergic mesolimbic system. <i>Journal of Psychopharmacology</i> , 2019 , 33, 737-747	4.6	6
781	Attenuation of Oxytocin and Serotonin 2A Receptor Signaling through Novel Heteroreceptor Formation. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 3225-3240	5.7	14
780	Acute Cocaine Enhances Dopamine DR Recognition and Signaling and Counteracts DR Internalization in Sigma1R-DR Heteroreceptor Complexes. <i>Molecular Neurobiology</i> , 2019 , 56, 7045-7055	6.2	8
779	Potentiation of cannabinoid signaling in microglia by adenosine A receptor antagonists. <i>Glia</i> , 2019 , 67, 2410-2423	9	24

778	Heterodimerization of Mu Opioid Receptor Protomer with Dopamine D Receptor Modulates Agonist-Induced Internalization of Mu Opioid Receptor. <i>Biomolecules</i> , 2019 , 9,	5.9	8
777	Desipramine restores the alterations in circadian entrainment induced by prenatal exposure to glucocorticoids. <i>Translational Psychiatry</i> , 2019 , 9, 263	8.6	1
776	Differential allosteric modulation within dopamine DR - neurotensin NTS1R and DR - serotonin 5-HT ₂ receptor complexes gives bias to intracellular calcium signalling. <i>Scientific Reports</i> , 2019 , 9, 16312	4.9	11
775	Coimmunoprecipitation (co-IP) Analysis for Protein-Protein Interactions in the Neurons of the Cerebral Ganglia of the Land Snails of the Genus <i>Polymita</i> During Aestivation. <i>NeuroMethods</i> , 2019 , 147-156	9.4	15
774	Isolation and Detection of G Protein-Coupled Receptor (GPCR) Heteroreceptor Complexes in Rat Brain Synaptosomal Preparation Using a Combined Brain Subcellular Fractionation/Co-immunoprecipitation (Co-IP) Procedures. <i>NeuroMethods</i> , 2019 , 123-135	0.4	
773	Co-immunoprecipitation (Co-IP) of G Protein-Coupled Receptor (GPCR)-Receptor Tyrosine Kinase (RTK) Complexes from the Dorsal Hippocampus of the Rat Brain. <i>NeuroMethods</i> , 2019 , 157-164	0.4	1
772	A2AR Transmembrane 2 Peptide Administration Disrupts the A2AR-A2AR Homoreceptor but Not the A2AR-D2R Heteroreceptor Complex: Lack of Actions on Rodent Cocaine Self-Administration. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	3
771	Adenosine heteroreceptor complexes in the basal ganglia are implicated in Parkinson's disease and its treatment. <i>Journal of Neural Transmission</i> , 2019 , 126, 455-471	4.3	24
770	Central administration of galanin N-terminal fragment 1-15 decreases the voluntary alcohol intake in rats. <i>Addiction Biology</i> , 2019 , 24, 76-87	4.6	4
769	Disruption of A2AR-D2R Heteroreceptor Complexes After A2AR Transmembrane 5 Peptide Administration Enhances Cocaine Self-Administration in Rats. <i>Molecular Neurobiology</i> , 2018 , 55, 7038-7048	6.2	34
768	Differential activation of arginine-vasopressin receptor subtypes in the amygdaloid modulation of anxiety in the rat by arginine-vasopressin. <i>Psychopharmacology</i> , 2018 , 235, 1015-1027	4.7	6
767	Receptor-heteromer mediated regulation of endocannabinoid signaling in activated microglia. Role of CB and CB ₂ receptors and relevance for Alzheimer's disease and levodopa-induced dyskinesia. <i>Brain, Behavior, and Immunity</i> , 2018 , 67, 139-151	16.6	65
766	Dopamine D Receptor Supersensitivity as a Spectrum of Neurotoxicity and Status in Psychiatric Disorders. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 366, 519-526	4.7	12
765	Analysis and Quantification of GPCR Allosteric Receptor Receptor Interactions Using Radioligand Binding Assays: The A2AR-D2R Heteroreceptor Complex Example. <i>NeuroMethods</i> , 2018 , 1-14	0.4	
764	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. <i>NeuroMethods</i> , 2018 , 187-203	0.4	1
763	Brain Dopamine Transmission in Health and Parkinson's Disease: Modulation of Synaptic Transmission and Plasticity Through Volume Transmission and Dopamine Heteroreceptors. <i>Frontiers in Synaptic Neuroscience</i> , 2018 , 10, 20	3.5	27
762	A Novel Integrative Mechanism in Anxiolytic Behavior Induced by Galanin 2/Neuropeptide Y Y1 Receptor Interactions on Medial Paracapsular Intercalated Amygdala in Rats. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 119	6.1	6
761	Understanding the Role of Adenosine A2AR Heteroreceptor Complexes in Neurodegeneration and Neuroinflammation. <i>Frontiers in Neuroscience</i> , 2018 , 12, 43	5.1	31

760	Receptor?Receptor Interactions in Multiple 5-HT1A Heteroreceptor Complexes in Raphe-Hippocampal 5-HT Transmission and Their Relevance for Depression and Its Treatment. <i>Molecules</i> , 2018 , 23,	4.8	25
759	Transcriptomic integration of DR and MOR signaling in the rat caudate putamen. <i>Scientific Reports</i> , 2018 , 8, 7337	4.9	4
758	Glutamate heteroreceptor complexes in the brain. <i>Pharmacological Reports</i> , 2018 , 70, 936-950	3.9	19
757	Brain of the tree pangolin (<i>Manis tricuspis</i>). III. The unusual locus coeruleus complex. <i>Journal of Comparative Neurology</i> , 2018 , 526, 2570-2684	3.4	4
756	Effects of Long-Term Alcohol Drinking on the Dopamine D2 Receptor: Gene Expression and Heteroreceptor Complexes in the Striatum in Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2018 , 42, 338-351	3.7	38
755	Use of Superfused Synaptosomes to Understand the Role of ReceptorReceptor Interactions as Integrative Mechanisms in Nerve Terminals from Selected Brain Region. <i>Neuromethods</i> , 2018 , 41-55	0.4	0
754	Analysis and Quantification of GPCR Heteroreceptor Complexes and Their Allosteric ReceptorReceptor Interactions Using Radioligand Binding Autoradiography. <i>Neuromethods</i> , 2018 , 15-23	0.4	
753	Searching the GPCR Heterodimer Network (GPCR-hetnet) Database for Information to Deduce the ReceptorReceptor Interface and Its Role in the Integration of Receptor Heterodimer Functions. <i>Neuromethods</i> , 2018 , 283-298	0.4	
752	On the Study of D4R-MOR ReceptorReceptor Interaction in the Rat Caudate Putamen: Relevance on Morphine Addiction. <i>Neuromethods</i> , 2018 , 25-39	0.4	
751	Detection of Fibroblast Growth Factor Receptor 1 (FGFR1) Transactivation by Muscarinic Acetylcholine Receptors (mAChRs) in Primary Neuronal Hippocampal Cultures Through Use of Biochemical and Morphological Approaches. <i>Neuromethods</i> , 2018 , 57-70	0.4	
750	Behavioral Methods to Study the Impact of ReceptorReceptor Interactions in Fear and Anxiety. <i>Neuromethods</i> , 2018 , 109-131	0.4	
749	In Vivo Microdialysis Technique Applications to Understand the Contribution of ReceptorReceptor Interactions to the Central Nervous System Signaling. <i>Neuromethods</i> , 2018 , 91-107	0.4	
748	Detection, Analysis, and Quantification of GPCR Homo- and Heteroreceptor Complexes in Specific Neuronal Cell Populations Using the In Situ Proximity Ligation Assay. <i>Neuromethods</i> , 2018 , 299-315	0.4	3
747	Electrophysiological Approach to GPCR?BTK Interaction Study in Hippocampus of Adult Rats. <i>Neuromethods</i> , 2018 , 71-90	0.4	2
746	Small Interference RNA Knockdown Rats in Behavioral Functions: GALR1/GALR2 Heteroreceptor in Anxiety and Depression-Like Behavior. <i>Neuromethods</i> , 2018 , 133-148	0.4	3
745	Adenosine A receptor ligand recognition and signaling is blocked by A receptors. <i>Oncotarget</i> , 2018 , 9, 13593-13611	3.3	55
744	A2AR-D2R Heteroreceptor Complexes in Cocaine Reward and Addiction. <i>Trends in Pharmacological Sciences</i> , 2018 , 39, 1008-1020	13.2	31
743	Mapping the Interface of a GPCR Dimer: A Structural Model of the A Adenosine and D Dopamine Receptor Heteromer. <i>Frontiers in Pharmacology</i> , 2018 , 9, 829	5.6	45

742	Neuronal adenosine A receptor overexpression is neuroprotective towards 3-nitropropionic acid-induced striatal toxicity: a rat model of Huntington's disease. <i>Purinergic Signalling</i> , 2018 , 14, 235-243	3.8	8
741	Dopamine D receptor stimulation prevents nigrostriatal dopamine pathway activation by morphine: relevance for drug addiction. <i>Addiction Biology</i> , 2017 , 22, 1232-1245	4.6	21
740	Is There Volume Transmission Along Extracellular Fluid Pathways Corresponding to the Acupuncture Meridians?. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2017 , 10, 5-19	1.2	3
739	The neuropeptides Galanin and Galanin(1-15) in depression-like behaviours. <i>Neuropeptides</i> , 2017 , 64, 39-45	3.3	20
738	Cocaine self-administration specifically increases A2AR-D2R and D2R-sigma1R heteroreceptor complexes in the rat nucleus accumbens shell. Relevance for cocaine use disorder. <i>Pharmacology Biochemistry and Behavior</i> , 2017 , 155, 24-31	3.9	41
737	Galanin (1-15) enhancement of the behavioral effects of Fluoxetine in the forced swimming test gives a new therapeutic strategy against depression. <i>Neuropharmacology</i> , 2017 , 118, 233-241	5.5	27
736	Cocaine modulates allosteric D ₂ -receptor-receptor interactions on dopamine and glutamate nerve terminals from rat striatum. <i>Cellular Signalling</i> , 2017 , 40, 116-124	4.9	19
735	Existence of Brain 5-HT1A-5-HT2A Isoreceptor Complexes with Antagonistic Allosteric Receptor-Receptor Interactions Regulating 5-HT1A Receptor Recognition. <i>ACS Omega</i> , 2017 , 2, 4779-4789	3.9	34
734	Heteroreceptor Complexes Implicated in Parkinson's Disease 2017 , 477-501		1
733	A2A-D2 receptor-receptor interaction modulates gliotransmitter release from striatal astrocyte processes. <i>Journal of Neurochemistry</i> , 2017 , 140, 268-279	6	38
732	Diversity and bias through dopamine D2R heteroreceptor complexes. <i>Current Opinion in Pharmacology</i> , 2017 , 32, 16-22	5.1	22
731	IL1R2, CCR2, and CXCR4 May Form Heteroreceptor Complexes with NMDAR and D2R: Relevance for Schizophrenia. <i>Frontiers in Psychiatry</i> , 2017 , 8, 24	5	6
730	Understanding the Role of GPCR Heteroreceptor Complexes in Modulating the Brain Networks in Health and Disease. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 37	6.1	82
729	Disturbances in the FGFR1-5-HT1A Heteroreceptor Complexes in the Raphe-Hippocampal 5-HT System Develop in a Genetic Rat Model of Depression. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 309	6.1	18
728	Role of iso-receptors in receptor-receptor interactions with a focus on dopamine iso-receptor complexes. <i>Reviews in the Neurosciences</i> , 2016 , 27, 1-25	4.7	21
727	Purinergic signaling in Parkinson's disease. Relevance for treatment. <i>Neuropharmacology</i> , 2016 , 104, 161-8	5.5	46
726	Alterations in ventral and dorsal striatal allosteric A2AR-D2R receptor-receptor interactions after amphetamine challenge: Relevance for schizophrenia. <i>Life Sciences</i> , 2016 ,	6.8	9
725	Signaling in dopamine D2 receptor-oxytocin receptor heterocomplexes and its relevance for the anxiolytic effects of dopamine and oxytocin interactions in the amygdala of the rat. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 2075-2085	6.9	30

724	Galanin (1-15) enhances the antidepressant effects of the 5-HT1A receptor agonist 8-OH-DPAT: involvement of the raphe-hippocampal 5-HT neuron system. <i>Brain Structure and Function</i> , 2016 , 221, 4491-4504	4	35
723	Striatal adenosine-cannabinoid receptor interactions in rats over-expressing adenosine A2A receptors. <i>Journal of Neurochemistry</i> , 2016 , 136, 907-17	6	20
722	The multi-facet aspects of cell sentience and their relevance for the integrative brain actions: role of membrane protein energy landscape. <i>Reviews in the Neurosciences</i> , 2016 , 27, 347-63	4.7	3
721	Cocaine self-administration differentially affects allosteric A2A-D2 receptor-receptor interactions in the striatum. Relevance for cocaine use disorder. <i>Pharmacology Biochemistry and Behavior</i> , 2016 , 144, 85-91	3.9	31
720	The fast-off hypothesis revisited: A functional kinetic study of antipsychotic antagonism of the dopamine D2 receptor. <i>European Neuropsychopharmacology</i> , 2016 , 26, 467-76	1.2	30
719	Neurotensin: A role in substance use disorder?. <i>Journal of Psychopharmacology</i> , 2016 , 30, 112-27	4.6	23
718	Multiple D2 heteroreceptor complexes: new targets for treatment of schizophrenia. <i>Therapeutic Advances in Psychopharmacology</i> , 2016 , 6, 77-94	4.9	44
717	Galanin receptor 2-neuropeptide Y Y1 receptor interactions in the dentate gyrus are related with antidepressant-like effects. <i>Brain Structure and Function</i> , 2016 , 221, 4129-4139	4	14
716	FGFR1-5-HT1A Heteroreceptor Complexes: Implications for Understanding and Treating Major Depression. <i>Trends in Neurosciences</i> , 2016 , 39, 5-15	13.3	33
715	Heteroreceptor Complexes and their Allosteric Receptor-Receptor Interactions as a Novel Biological Principle for Integration of Communication in the CNS: Targets for Drug Development. <i>Neuropsychopharmacology</i> , 2016 , 41, 380-2	8.7	43
714	Volume transmission and receptor-receptor interactions in heteroreceptor complexes: understanding the role of new concepts for brain communication. <i>Neural Regeneration Research</i> , 2016 , 11, 1220-3	4.5	29
713	Co-immunoprecipitation from Brain. <i>Neuromethods</i> , 2016 , 19-29	0.4	4
712	In Situ Proximity Ligation Assay to Study and Understand the Distribution and Balance of GPCR Homo- and Heteroreceptor Complexes in the Brain. <i>Neuromethods</i> , 2016 , 109-124	0.4	21
711	Role of D 2 -like Heteroreceptor Complexes in the Effects of Cocaine, Morphine, and Hallucinogens 2016 , 93-101		
710	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. <i>Neural Plasticity</i> , 2016 , 2016, 4827268	3.3	27
709	Hypothalamic Vasopressinergic Projections Innervate Central Amygdala GABAergic Neurons: Implications for Anxiety and Stress Coping. <i>Frontiers in Neural Circuits</i> , 2016 , 10, 92	3.5	40
708	Functional role of striatal A2A, D2, and mGlu5 receptor interactions in regulating striatopallidal GABA neuronal transmission. <i>Journal of Neurochemistry</i> , 2016 , 138, 254-64	6	31
707	Dopamine D1 receptor activity is involved in the increased anxiety levels observed in STZ-induced diabetes in rats. <i>Behavioural Brain Research</i> , 2016 , 313, 293-301	3.4	6

706	Telocytes in their context with other intercellular communication agents. <i>Seminars in Cell and Developmental Biology</i> , 2016 , 55, 9-13	7.5	18
705	Characterization of the interaction between the dopamine D4 receptor, KLHL12 and β arrestins. <i>Cellular Signalling</i> , 2016 , 28, 1001-14	4.9	6
704	Participation of protein kinases in cytotoxic and proapoptotic effects of ethylene glycol ethers and their metabolites in SH-SY5Y cells. <i>Toxicology in Vitro</i> , 2016 , 36, 153-163	3.6	3
703	On the role of $\text{A}\beta$ and $\text{D}\beta$ receptors in control of cocaine and food-seeking behaviors in rats. <i>Psychopharmacology</i> , 2015 , 232, 1767-78	4.7	30
702	On the role of adenosine ($\text{A}\beta$) receptors in cocaine-induced reward: a pharmacological and neurochemical analysis in rats. <i>Psychopharmacology</i> , 2015 , 232, 421-35	4.7	26
701	The triplet puzzle theory indicates extensive formation of heteromers between opioid and chemokine receptor subtypes. <i>Journal of Neural Transmission</i> , 2015 , 122, 1509-14	4.3	5
700	Volume Transmission in Central Dopamine and Noradrenaline Neurons and Its Astroglial Targets. <i>Neurochemical Research</i> , 2015 , 40, 2600-14	4.6	64
699	Enhancement of the FGFR1 signaling in the FGFR1-5-HT1A heteroreceptor complex in midbrain raphe 5-HT neuron systems. Relevance for neuroplasticity and depression. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 463, 180-6	3.4	31
698	Basimglurant for treatment of major depressive disorder: a novel negative allosteric modulator of metabotropic glutamate receptor 5. <i>Expert Opinion on Investigational Drugs</i> , 2015 , 24, 1247-60	5.9	29
697	On the role of the extracellular space on the holistic behavior of the brain. <i>Reviews in the Neurosciences</i> , 2015 , 26, 489-506	4.7	30
696	Evidence for the existence of FGFR1-5-HT1A heteroreceptor complexes in the midbrain raphe 5-HT system. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 456, 489-93	3.4	40
695	Galanin receptor 2-neuropeptide Y Y1 receptor interactions in the amygdala lead to increased anxiolytic actions. <i>Brain Structure and Function</i> , 2015 , 220, 2289-301	4	18
694	In vitro effects of cocaine on tunneling nanotube formation and extracellular vesicle release in glioblastoma cell cultures. <i>Journal of Molecular Neuroscience</i> , 2015 , 55, 42-50	3.3	26
693	Evidence for the existence of dopamine D2R and Sigma 1 allosteric receptor-receptor interaction in the rat brain: role in brain plasticity and cocaine action. <i>SpringerPlus</i> , 2015 , 4,		9
692	Classic and Modern Meridian Studies: A Review of Low Hydraulic Resistance Channels along Meridians and Their Relevance for Therapeutic Effects in Traditional Chinese Medicine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 410979	2.3	10
691	The role of transmitter diffusion and flow versus extracellular vesicles in volume transmission in the brain neural-glia networks. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370,	5.8	78
690	The zinc binding receptor GPR39 interacts with 5-HT1A and GalR1 to form dynamic heteroreceptor complexes with signaling diversity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015 , 1852, 2585-92	6.9	23
689	Dopamine heteroreceptor complexes as therapeutic targets in Parkinson's disease. <i>Expert Opinion on Therapeutic Targets</i> , 2015 , 19, 377-98	6.4	58

688	G-protein-coupled receptor type A heteromers as an emerging therapeutic target. <i>Expert Opinion on Therapeutic Targets</i> , 2015 , 19, 265-83	6.4	31
687	Acute isoproterenol induces anxiety-like behavior in rats and increases plasma content of extracellular vesicles. <i>Physiology and Behavior</i> , 2015 , 142, 79-84	3.5	6
686	On the Role of the Balance of GPCR Homo/ Heteroreceptor Complexes in the Brain 2015 , 2, 36-44		22
685	A role for galanin N-terminal fragment (1-15) in anxiety- and depression-related behaviors in rats. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 18,	5.8	34
684	Endogenous kynurenic acid regulates extracellular GABA levels in the rat prefrontal cortex. <i>Neuropharmacology</i> , 2014 , 82, 11-8	5.5	43
683	Nuclear organization of cholinergic, catecholaminergic, serotonergic and orexinergic systems in the brain of the Tasmanian devil (<i>Sarcophilus harrisii</i>). <i>Journal of Chemical Neuroanatomy</i> , 2014 , 61-62, 94-106 ²	3.2	19
682	Preferential activation by galanin 1-15 fragment of the GalR1 protomer of a GalR1-GalR2 heteroreceptor complex. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 452, 347-53	3.4	32
681	Moonlighting proteins and protein-protein interactions as neurotherapeutic targets in the G protein-coupled receptor field. <i>Neuropsychopharmacology</i> , 2014 , 39, 131-55	8.7	78
680	Extracellular-vesicle type of volume transmission and tunnelling-nanotube type of wiring transmission add a new dimension to brain neuro-glial networks. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014 , 369,	5.8	46
679	Information handling by the brain: proposal of a new "paradigm" involving the roamer type of volume transmission and the tunneling nanotube type of wiring transmission. <i>Journal of Neural Transmission</i> , 2014 , 121, 1431-49	4.3	13
678	Dopamine D2 heteroreceptor complexes and their receptor-receptor interactions in ventral striatum: novel targets for antipsychotic drugs. <i>Progress in Brain Research</i> , 2014 , 211, 113-39	2.9	34
677	Hallucinogenic 5-HT2AR agonists LSD and DOI enhance dopamine D2R protomer recognition and signaling of D2-5-HT2A heteroreceptor complexes. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 443, 278-84	3.4	63
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234	Presence of glucocorticoid receptor immunoreactivity in corticotrophin releasing factor and in growth hormone releasing factor immunoreactive neurons of the rat di- and telencephalon. <i>Neuroscience Letters</i> , 1987 , 77, 25-30	3.3	65
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