

# Rafael Franco

## 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.

395  
papers

18,449  
citations

76  
h-index

117  
g-index

425  
ext. papers

20,629  
ext. citations

5.8  
avg, IF

6.55  
L-index

#	Paper	IF	Citations
395	Plant-derived compounds, vitagens, vitagenes and mitochondrial function. <i>PharmaNutrition</i> , <b>2022</b> , 1002879	2.7	1
394	The Binding Mode to Orthosteric Sites and/or Exosites Underlies the Therapeutic Potential of Drugs Targeting Cannabinoid CB Receptors.. <i>Frontiers in Pharmacology</i> , <b>2022</b> , 13, 852631	5.6	0
393	Genetic Inactivation of Free Fatty Acid Receptor 3 Impedes Behavioral Deficits and Pathological Hallmarks in the APP Alzheimer's Disease Mouse Model.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	1
392	Robustness of the Krebs Cycle under Physiological Conditions and in Cancer: New Clues for Evaluating Metabolism-Modifying Drug Therapies. <i>Biomedicines</i> , <b>2022</b> , 10, 1199	4.8	1
391	Similarities and differences upon binding of naturally occurring $\Delta^9$ -tetrahydrocannabinol-derivatives to cannabinoid CB and CB receptors. <i>Pharmacological Research</i> , <b>2021</b> , 174, 105970	10.2	1
390	N-Methyl-D-aspartate (NMDA) and cannabinoid CB receptors form functional complexes in cells of the central nervous system: insights into the therapeutic potential of neuronal and microglial NMDA receptors. <i>Alzheimer's Research and Therapy</i> , <b>2021</b> , 13, 184	9	4
389	Adenosine Receptor Antagonists to Combat Cancer and to Boost Anti-Cancer Chemotherapy and Immunotherapy. <i>Cells</i> , <b>2021</b> , 10,	7.9	3
388	Recent Advances in the Potential of Cannabinoids for Neuroprotection in Alzheimer's, Parkinson's, and Huntington's Diseases. <i>Advances in Experimental Medicine and Biology</i> , <b>2021</b> , 1264, 81-92	3.6	10
387	Genes Implicated in Familial Parkinson's Disease Provide a Dual Picture of Nigral Dopaminergic Neurodegeneration with Mitochondria Taking Center Stage. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	6
386	5-Hydroxytryptamine, Glutamate, and ATP: Much More Than Neurotransmitters. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 667815	5.7	2
385	Interactions between ibuprofen, ACE2, renin-angiotensin system, and spike protein in the lung. Implications for COVID-19. <i>Clinical and Translational Medicine</i> , <b>2021</b> , 11, e371	5.7	16
384	Microglial Adenosine Receptors: From Preconditioning to Modulating the M1/M2 Balance in Activated Cells. <i>Cells</i> , <b>2021</b> , 10,	7.9	7
383	Potent and Subtype-Selective Dopamine D Receptor Biased Partial Agonists Discovered via an Ugi-Based Approach. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 8710-8726	8.3	2
382	Design of Negative and Positive Allosteric Modulators of the Cannabinoid CB Receptor Derived from the Natural Product Cannabidiol. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 9354-9364	8.3	5
381	Antioxidant Supplements versus Health Benefits of Brief/Intermittent Exposure to Potentially Toxic Physical or Chemical Agents. <i>Current Issues in Molecular Biology</i> , <b>2021</b> , 43, 650-664	2.9	2
380	The Heteromeric Complex Formed by Dopamine Receptor D and CCR9 Leads the Gut Homing of CD4 T Cells Upon Inflammation. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2021</b> , 12, 489-508	7.9	3
379	Dopamine in Health and Disease: Much More Than a Neurotransmitter. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	20

378	Geoffrey Burnstock (1929-2020): the finest pharmacologist and an inspiring scientist. <i>Purinergic Signalling</i> , <b>2021</b> , 17, 135	3.8	2
377	Experimental data using candesartan and captopril indicate no double-edged sword effect in COVID-19. <i>Clinical Science</i> , <b>2021</b> , 135, 465-481	6.5	23
376	Structure and function of adenosine receptor heteromers. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 3957-3968	10.3	5
375	Discovery of a macromolecular complex mediating the hunger suppressive actions of cocaine: Structural and functional properties. <i>Addiction Biology</i> , <b>2021</b> , 26, e13017	4.6	2
374	Carnitine palmitoyltransferase 1C negatively regulates the endocannabinoid hydrolase ABHD6 in mice, depending on nutritional status. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 1507-1523	8.6	4
373	Cuprizone-Induced Neurotoxicity in Human Neural Cell Lines Is Mediated by a Reversible Mitochondrial Dysfunction: Relevance for Demyelination Models. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	3
372	Identification of the Ghrelin and Cannabinoid CB Receptor Heteromer Functionality and Marked Upregulation in Striatal Neurons from Offspring of Mice under a High-Fat Diet. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
371	An ACE2/Mas-related receptor MrgE axis in dopaminergic neuron mitochondria. <i>Redox Biology</i> , <b>2021</b> , 46, 102078	11.3	6
370	Novel Interactions Involving the Mas Receptor Show Potential of the Renin-Angiotensin system in the Regulation of Microglia Activation: Altered Expression in Parkinsonism and Dyskinesia. <i>Neurotherapeutics</i> , <b>2021</b> , 18, 998-1016	6.4	3
369	Ghrelin and Cannabinoid Functional Interactions Mediated by Ghrelin/CB Receptor Heteromers That Are Upregulated in the Striatum From Offspring of Mice Under a High-Fat Diet.. <i>Frontiers in Cellular Neuroscience</i> , <b>2021</b> , 15, 786597	6.1	0
368	Functional Complexes of Angiotensin-Converting Enzyme 2 and Renin-Angiotensin System Receptors: Expression in Adult but Not Fetal Lung Tissue. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
367	Adenosine A Receptor Antagonists Affects NMDA Glutamate Receptor Function. Potential to Address Neurodegeneration in Alzheimer's Disease. <i>Cells</i> , <b>2020</b> , 9,	7.9	20
366	Pharmacological potential of varinic-, minor-, and acidic phytocannabinoids. <i>Pharmacological Research</i> , <b>2020</b> , 158, 104801	10.2	18
365	Pharmacological data of cannabidiol- and cannabigerol-type phytocannabinoids acting on cannabinoid CB <sub>1</sub> , CB <sub>2</sub> and CB <sub>1</sub> /CB <sub>2</sub> heteromer receptors. <i>Pharmacological Research</i> , <b>2020</b> , 159, 104940	10.2	27
364	Microbiota and Other Preventive Strategies and Non-genetic Risk Factors in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , <b>2020</b> , 12, 12	5.3	3
363	Expression of cannabinoid CB <sub>1</sub> -GPR55 heteromers in neuronal subtypes of the Macaca fascicularis striatum. <i>Annals of the New York Academy of Sciences</i> , <b>2020</b> , 1475, 34-42	6.5	3
362	Adenosine/A <sub>2B</sub> Receptor Signaling Ameliorates the Effects of Aging and Counteracts Obesity. <i>Cell Metabolism</i> , <b>2020</b> , 32, 56-70.e7	24.6	24
361	DIMERBOW: exploring possible GPCR dimer interfaces. <i>Bioinformatics</i> , <b>2020</b> , 36, 3271-3272	7.2	5

360	Expression of Melatonin and Dopamine D Receptor Heteromers in Eye Ciliary Body Epithelial Cells and Negative Correlation with Ocular Hypertension. <i>Cells</i> , <b>2020</b> , 9,	7.9	8
359	The Kinetic Component in Drug Discovery: Using the Most Basic Pharmacological Concepts to Advance in Selecting Drugs to Combat CNS Diseases. <i>Current Neuropharmacology</i> , <b>2020</b> , 18, 250-257	7.6	1
358	Adreno-melatonin receptor complexes control ion homeostasis and intraocular pressure - their disruption contributes to hypertensive glaucoma. <i>British Journal of Pharmacology</i> , <b>2020</b> , 177, 2090-2105	8.6	6
357	Angiotensin type 2 receptors: Role in aging and neuroinflammation in the substantia nigra. <i>Brain, Behavior, and Immunity</i> , <b>2020</b> , 87, 256-271	16.6	30
356	Structure of G-protein-coupled receptor heteromers <b>2020</b> , 109-119		1
355	A and A adenosine receptors: The extracellular loop 2 determines high (A) or low affinity (A) for adenosine. <i>Biochemical Pharmacology</i> , <b>2020</b> , 172, 113718	6	16
354	Expression of GPR55 and either cannabinoid CB or CB heteroreceptor complexes in the caudate, putamen, and accumbens nuclei of control, parkinsonian, and dyskinetic non-human primates. <i>Brain Structure and Function</i> , <b>2020</b> , 225, 2153-2164	4	6
353	SARS-CoV-2 as a Factor to Disbalance the Renin-Angiotensin System: A Suspect in the Case of Exacerbated IL-6 Production. <i>Journal of Immunology</i> , <b>2020</b> , 205, 1198-1206	5.3	16
352	Adenosine A and A Receptors Are Able to Interact with Each Other. A Further Piece in the Puzzle of Adenosine Receptor-Mediated Signaling. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	2
351	Discovery of Homobivalent Bitopic Ligands of the Cannabinoid CB Receptor*. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 15839-15842	4.8	12
350	Experimental and computational analysis of biased agonism on full-length and a C-terminally truncated adenosine A receptor. <i>Computational and Structural Biotechnology Journal</i> , <b>2020</b> , 18, 2723-2732	6.8	9
349	Angiotensin AT and AT receptor heteromer expression in the hemilesioned rat model of Parkinson's disease that increases with levodopa-induced dyskinesia. <i>Journal of Neuroinflammation</i> , <b>2020</b> , 17, 243	10.1	7
348	Melatonin and the control of intraocular pressure. <i>Progress in Retinal and Eye Research</i> , <b>2020</b> , 75, 100798	20.5	19
347	The Old and New Visions of Biased Agonism Through the Prism of Adenosine Receptor Signaling and Receptor/Receptor and Receptor/Protein Interactions. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 628601	5.6	5
346	Hormetic and Mitochondria-Related Mechanisms of Antioxidant Action of Phytochemicals. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	31
345	Targeting CB and GPR55 Endocannabinoid Receptors as a Potential Neuroprotective Approach for Parkinson's Disease. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 5900-5910	6.2	15
344	Increased expression of cannabinoid CB and serotonin 5-HT heteroreceptor complexes in a model of newborn hypoxic-ischemic brain damage. <i>Neuropharmacology</i> , <b>2019</b> , 152, 58-66	5.5	16
343	Cocaine Blocks Effects of Hunger Hormone, Ghrelin, Via Interaction with Neuronal Sigma-1 Receptors. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 1196-1210	6.2	10

342	Potential of cannabinoid signaling in microglia by adenosine A receptor antagonists. <i>Glia</i> , <b>2019</b> , 67, 2410-2423	9	24
341	Lessons on Differential Neuronal-Death-Vulnerability from Familial Cases of Parkinson's and Alzheimer's Diseases. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	5
340	Antioxidants versus Food Antioxidant Additives and Food Preservatives. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	25
339	The sigma-1 receptor as key common factor in cocaine and food-seeking behaviors. <i>Journal of Molecular Endocrinology</i> , <b>2019</b> , 63, R81-R92	4.5	2
338	Specificity and nanomolar potency of melatonin on G-protein coupled melatonin MT1 and MT2 receptors expressed in HEK-293T human embryo kidney cells. <i>Melatonin Research</i> , <b>2019</b> , 2, 121-131	5.1	3
337	Identification of Heteroreceptors Complexes and Signal Transduction Events Using Bioluminescence Resonance Energy Transfer (BRET). <i>Bio-protocol</i> , <b>2019</b> , 9, e3385	0.9	
336	Antioxidant Defense Mechanisms in Erythrocytes and in the Central Nervous System. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	27
335	A Receptor Homodimer-Disrupting Sequence Efficiently Delivered by a Protease-Resistant, Cyclic CPP Vector. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	4
334	Differential effect of amphetamine over the corticotropin-releasing factor CRF receptor, the orexin OX receptor and the CRF-OX heteroreceptor complex. <i>Neuropharmacology</i> , <b>2019</b> , 152, 102-111	5.5	7
333	Maternal imprinting on cognition markers of wild type and transgenic Alzheimer's disease model mice. <i>Scientific Reports</i> , <b>2018</b> , 8, 6434	4.9	10
332	Alterations in Gene and Protein Expression of Cannabinoid CB and GPR55 Receptors in the Dorsolateral Prefrontal Cortex of Suicide Victims. <i>Neurotherapeutics</i> , <b>2018</b> , 15, 796-806	6.4	27
331	Twelve years of experience with miglustat in the treatment of type 1 Gaucher disease: The Spanish ZAGAL project. <i>Blood Cells, Molecules, and Diseases</i> , <b>2018</b> , 68, 173-179	2.1	15
330	Orexin A/Hypocretin Modulates Leptin Receptor-Mediated Signaling by Allosteric Modulations Mediated by the Ghrelin GHS-R1A Receptor in Hypothalamic Neurons. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 4718-4730	6.2	11
329	Receptor-heteromer mediated regulation of endocannabinoid signaling in activated microglia. Role of CB and CB receptors and relevance for Alzheimer's disease and levodopa-induced dyskinesia. <i>Brain, Behavior, and Immunity</i> , <b>2018</b> , 67, 139-151	16.6	65
328	Adenosine Receptors as a Paradigm to Identify Dimer/Oligomers of G-Protein-Coupled Receptors and as Targets in Parkinson's Disease and Schizophrenia <b>2018</b> , 239-258		
327	Analysis and Quantification of GPCR Allosteric Receptor Receptor Interactions Using Radioligand Binding Assays: The A2AR-D2R Heteroreceptor Complex Example. <i>Neuromethods</i> , <b>2018</b> , 1-14	0.4	
326	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> , <b>2018</b> , 187-203	0.4	1
325	Cannabigerol Action at Cannabinoid CB and CB Receptors and at CB-CB Heteroreceptor Complexes. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 632	5.6	58

324	Adenosine A Receptor Antagonists in Neurodegenerative Diseases: Huge Potential and Huge Challenges. <i>Frontiers in Psychiatry</i> , <b>2018</b> , 9, 68	5	34
323	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> , <b>2018</b> , 10, 20	3.5	27
322	Neuronal Calcium and cAMP Cross-Talk Mediated by Cannabinoid CB Receptor and EF-Hand Calcium Sensor Interactions. <i>Frontiers in Cell and Developmental Biology</i> , <b>2018</b> , 6, 67	5.7	7
321	Glucocerebrosidase Mutations and Synucleinopathies. Potential Role of Sterylglucosides and Relevance of Studying Both GBA1 and GBA2 Genes. <i>Frontiers in Neuroanatomy</i> , <b>2018</b> , 12, 52	3.6	15
320	Understanding the Role of Adenosine A2AR Heteroreceptor Complexes in Neurodegeneration and Neuroinflammation. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 43	5.1	31
319	Cocaine Effects on Dopaminergic Transmission Depend on a Balance between Sigma-1 and Sigma-2 Receptor Expression. <i>Frontiers in Molecular Neuroscience</i> , <b>2018</b> , 11, 17	6.1	8
318	Cross-communication between G and G in a G-protein-coupled receptor heterotetramer guided by a receptor C-terminal domain. <i>BMC Biology</i> , <b>2018</b> , 16, 24	7.3	45
317	Molecular and functional interaction between GPR18 and cannabinoid CB G-protein-coupled receptors. Relevance in neurodegenerative diseases. <i>Biochemical Pharmacology</i> , <b>2018</b> , 157, 169-179	6	33
316	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> , <b>2018</b> , 299-315	0.4	3
315	Adenosine A receptor ligand recognition and signaling is blocked by A receptors. <i>Oncotarget</i> , <b>2018</b> , 9, 13593-13611	3.3	55
314	Biased receptor functionality versus biased agonism in G-protein-coupled receptors. <i>Biomolecular Concepts</i> , <b>2018</b> , 9, 143-154	3.7	23
313	Identification of a Tool Compound to Study the Mechanisms of Functional Selectivity between D2 and D3 Dopamine Receptors. <i>ACS Omega</i> , <b>2018</b> , 3, 17368-17375	3.9	1
312	-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 $\beta$ Synuclein, Tau, and Phospho-Tau in Non-transgenic and Transgenic APP Mice. <i>Frontiers in Molecular Neuroscience</i> , <b>2018</b> , 11, 273	6.1	10
311	Cannabidiol skews biased agonism at cannabinoid CB and CB receptors with smaller effect in CB-CB heteroreceptor complexes. <i>Biochemical Pharmacology</i> , <b>2018</b> , 157, 148-158	6	51
310	Resveratrol and Related Stilbenoids, Nutraceutical/Dietary Complements with Health-Promoting Actions: Industrial Production, Safety, and the Search for Mode of Action. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2018</b> , 17, 808-826	16.4	29
309	Heteroreceptor Complexes Formed by Dopamine D, Histamine H, and N-Methyl-D-Aspartate Glutamate Receptors as Targets to Prevent Neuronal Death in Alzheimer's Disease. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 4537-4550	6.2	28
308	Health benefits of methylxanthines in neurodegenerative diseases. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1600670	5.9	36
307	Potential of GPCRs to modulate MAPK and mTOR pathways in Alzheimer's disease. <i>Progress in Neurobiology</i> , <b>2017</b> , 149-150, 21-38	10.9	30

306	Chemical rules on the assessment of antioxidant potential in food and food additives aimed at reducing oxidative stress and neurodegeneration. <i>Food Chemistry</i> , <b>2017</b> , 235, 318-323	8.5	22
305	A genomics approach identifies selective effects of trans-resveratrol in cerebral cortex neuron and glia gene expression. <i>PLoS ONE</i> , <b>2017</b> , 12, e0176067	3.7	9
304	Heteroreceptor Complexes Implicated in Parkinson's Disease <b>2017</b> , 477-501		1
303	GPR55: A therapeutic target for Parkinson's disease?. <i>Neuropharmacology</i> , <b>2017</b> , 125, 319-332	5.5	45
302	Neurochemical evidence supporting dopamine D1-D2 receptor heteromers in the striatum of the long-tailed macaque: changes following dopaminergic manipulation. <i>Brain Structure and Function</i> , <b>2017</b> , 222, 1767-1784	4	39
301	A First-in-Class Small-Molecule that Acts as a Dual Inhibitor of HDAC and PDE5 and that Rescues Hippocampal Synaptic Impairment in Alzheimer's Disease Mice. <i>Neuropsychopharmacology</i> , <b>2017</b> , 42, 524-539	8.7	65
300	Pharmacologic antagonism of dopamine receptor D3 attenuates neurodegeneration and motor impairment in a mouse model of Parkinson's disease. <i>Neuropharmacology</i> , <b>2017</b> , 113, 110-123	5.5	33
299	Binding and Signaling Studies Disclose a Potential Allosteric Site for Cannabidiol in Cannabinoid CB Receptors. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 744	5.6	93
298	Epigenetics in the Eye: An Overview of the Most Relevant Ocular Diseases. <i>Frontiers in Genetics</i> , <b>2017</b> , 8, 144	4.5	18
297	The Epigenetic Cytocin Pathway to the Nucleus. Epigenetic Factors, Epigenetic Mediators, and Epigenetic Traits. A Biochemist Perspective. <i>Frontiers in Genetics</i> , <b>2017</b> , 8, 179	4.5	4
296	Adenosine deaminase regulates Treg expression in autologous T cell-dendritic cell cocultures from patients infected with HIV-1. <i>Journal of Leukocyte Biology</i> , <b>2016</b> , 99, 349-59	6.5	15
295	Purinergic signaling in Parkinson's disease. Relevance for treatment. <i>Neuropharmacology</i> , <b>2016</b> , 104, 161-8	5.5	46
294	Neuroprotective Effect of JZL184 in MPP(+)-Treated SH-SY5Y Cells Through CB2 Receptors. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 2312-9	6.2	21
293	Mitochondrial angiotensin receptors in dopaminergic neurons. Role in cell protection and aging-related vulnerability to neurodegeneration. <i>Cell Death and Disease</i> , <b>2016</b> , 7, e2427	9.8	65
292	Quaternary structure of a G-protein-coupled receptor heterotetramer in complex with Gi and Gs. <i>BMC Biology</i> , <b>2016</b> , 14, 26	7.3	88
291	Fatty acid amide hydrolase inhibition for the symptomatic relief of Parkinson's disease. <i>Brain, Behavior, and Immunity</i> , <b>2016</b> , 57, 94-105	16.6	38
290	Chromenopyrazole, a Versatile Cannabinoid Scaffold with in Vivo Activity in a Model of Multiple Sclerosis. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 6753-6771	8.3	24
289	Presynaptic P2X1-3 and $\beta$ -containing nicotinic receptors assemble into functionally interacting ion channels in the rat hippocampus. <i>Neuropharmacology</i> , <b>2016</b> , 105, 241-257	5.5	11

288	Increased expression with differential subcellular location of cytidine deaminase APOBEC3G in human CD4(+) T-cell activation and dendritic cell maturation. <i>Immunology and Cell Biology</i> , <b>2016</b> , 94, 689-700	5	7
287	The potential of methylxanthine-based therapies in pediatric respiratory tract diseases. <i>Respiratory Medicine</i> , <b>2016</b> , 112, 1-9	4.6	28
286	Hints on the Lateralization of Dopamine Binding to D1 Receptors in Rat Striatum. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 5436-45	6.2	5
285	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> , <b>2016</b> , 2016, 4827268	3.3	27
284	Targeting Cannabinoid CB2 Receptors in the Central Nervous System. Medicinal Chemistry Approaches with Focus on Neurodegenerative Disorders. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 406	5.1	79
283	Basic Pharmacological and Structural Evidence for Class A G-Protein-Coupled Receptor Heteromerization. <i>Frontiers in Pharmacology</i> , <b>2016</b> , 7, 76	5.6	82
282	Pharmacokinetic investigation of sildenafil using positron emission tomography and determination of its effect on cerebrospinal fluid cGMP levels. <i>Journal of Neurochemistry</i> , <b>2016</b> , 136, 403-15	6	31
281	Two Affinity Sites of the Cannabinoid Subtype 2 Receptor Identified by a Novel Homogeneous Binding Assay. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2016</b> , 358, 580-7	4.7	17
280	Disruption of a dopamine receptor complex amplifies the actions of cocaine. <i>European Neuropsychopharmacology</i> , <b>2016</b> , 26, 1366-1377	1.2	25
279	Detection of cannabinoid receptors CB1 and CB2 within basal ganglia output neurons in macaques: changes following experimental parkinsonism. <i>Brain Structure and Function</i> , <b>2015</b> , 220, 2721-38	4	70
278	The relevance of theobromine for the beneficial effects of cocoa consumption. <i>Frontiers in Pharmacology</i> , <b>2015</b> , 6, 30	5.6	64
277	Alternatively activated microglia and macrophages in the central nervous system. <i>Progress in Neurobiology</i> , <b>2015</b> , 131, 65-86	10.9	395
276	Stronger Dopamine D1 Receptor-Mediated Neurotransmission in Dyskinesia. <i>Molecular Neurobiology</i> , <b>2015</b> , 52, 1408-1420	6.2	36
275	Structures for G-Protein-Coupled Receptor Tetramers in Complex with G Proteins. <i>Trends in Biochemical Sciences</i> , <b>2015</b> , 40, 548-551	10.3	50
274	Suggesting a Way to Understand the Actual Potential of Anti-Alzheimer's Disease Drugs That Show Promise in Transgenic Mouse Models. <i>Frontiers in Neurology</i> , <b>2015</b> , 6, 206	4.1	1
273	Dopamine D2 and angiotensin II type 1 receptors form functional heteromers in rat striatum. <i>Biochemical Pharmacology</i> , <b>2015</b> , 96, 131-42	6	44
272	Concomitant histone deacetylase and phosphodiesterase 5 inhibition synergistically prevents the disruption in synaptic plasticity and it reverses cognitive impairment in a mouse model of Alzheimer's disease. <i>Clinical Epigenetics</i> , <b>2015</b> , 7, 108	7.7	39
271	Decreased levels of guanosine 3', 5'-monophosphate (cGMP) in cerebrospinal fluid (CSF) are associated with cognitive decline and amyloid pathology in Alzheimer's disease. <i>Neuropathology and Applied Neurobiology</i> , <b>2015</b> , 41, 471-82	5.2	65



270	CB1 and GPR55 receptors are co-expressed and form heteromers in rat and monkey striatum. <i>Experimental Neurology</i> , <b>2014</b> , 261, 44-52	5.7	60
269	Phosphodiesterase inhibition in cognitive decline. <i>Journal of Alzheimer's Disease</i> , <b>2014</b> , 42 Suppl 4, S561-73	7.3	21
268	Synthesis and evaluation of (13)N-labelled azo compounds for amyloid imaging in mice. <i>Molecular Imaging and Biology</i> , <b>2014</b> , 16, 538-49	3.8	14
267	Dopamine receptor heteromeric complexes and their emerging functions. <i>Progress in Brain Research</i> , <b>2014</b> , 211, 183-200	2.9	29
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3	The meaning of the Michaelis-Menten constant: Km describes a steady-state		3
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