

Cesare Orlandi

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,132
citations

393982

19
h-index

433756

31
g-index

38
all docs

38
docs citations

38
times ranked

1485
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism for Selective Synaptic Wiring of Rod Photoreceptors into the Retinal Circuitry and Its Role in Vision. <i>Neuron</i> , 2015, 87, 1248-1260.	3.8	100
2	GPR158/179 regulate G protein signaling by controlling localization and activity of the RGS7 complexes. <i>Journal of Cell Biology</i> , 2012, 197, 711-719.	2.3	94
3	Chronic antidepressant treatments induce a time-dependent up-regulation of AMPA receptor subunit protein levels. <i>Neurochemistry International</i> , 2011, 59, 896-905.	1.9	61
4	An Input-Specific Orphan Receptor GPR158-HSPG Interaction Organizes Hippocampal Mossy Fiber-CA3 Synapses. <i>Neuron</i> , 2018, 100, 201-215.e9.	3.8	60
5	Orphan receptor GPR158 controls stress-induced depression. <i>ELife</i> , 2018, 7, .	2.8	56
6	Transsynaptic Binding of Orphan Receptor GPR179 to Dystroglycan-Pikachurin Complex Is Essential for the Synaptic Organization of Photoreceptors. <i>Cell Reports</i> , 2018, 25, 130-145.e5.	2.9	53
7	Orphan Receptor GPR179 Forms Macromolecular Complexes With Components of Metabotropic Signaling Cascade in Retina ON-Bipolar Neurons. , 2013, 54, 7153.		50
8	Orphan Receptor GPR158 Is an Allosteric Modulator of RGS7 Catalytic Activity with an Essential Role in Dictating Its Expression and Localization in the Brain. <i>Journal of Biological Chemistry</i> , 2015, 290, 13622-13639.	1.6	49
9	Synaptic adhesion protein ELFN1 is a selective allosteric modulator of group III metabotropic glutamate receptors <i>in trans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5022-5027.	3.3	47
10	Genetic behavioral screen identifies an orphan anti-opioid system. <i>Science</i> , 2019, 365, 1267-1273.	6.0	43
11	Antidepressant Treatments Change 5-HT _{2C} Receptor mRNA Expression in Rat Prefrontal/Frontal Cortex and Hippocampus. <i>Neuropsychobiology</i> , 2011, 63, 160-168.	0.9	38
12	Orphan G Protein Coupled Receptors in Affective Disorders. <i>Genes</i> , 2020, 11, 694.	1.0	38
13	Activity Regulation of Adenosine Deaminases Acting on RNA (ADARs). <i>Molecular Neurobiology</i> , 2012, 45, 61-75.	1.9	37
14	Beyond the Ligand: Extracellular and Transcellular G Protein-Coupled Receptor Complexes in Physiology and Pharmacology. <i>Pharmacological Reviews</i> , 2019, 71, 503-519.	7.1	36
15	AMPA Receptor Regulation at the mRNA and Protein Level in Rat Primary Cortical Cultures. <i>PLoS ONE</i> , 2011, 6, e25350.	1.1	36
16	Modulation of dendritic AMPA receptor mRNA trafficking by RNA splicing and editing. <i>Nucleic Acids Research</i> , 2013, 41, 617-631.	6.5	35
17	NF1 Is a Direct G Protein Effector Essential for Opioid Signaling to Ras in the Striatum. <i>Current Biology</i> , 2016, 26, 2992-3003.	1.8	34
18	The TRPM1 channel in ON-bipolar cells is gated by both the β_2 and the β_3 subunits of the G-protein Go. <i>Scientific Reports</i> , 2016, 6, 20940.	1.6	30

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19	Regulator of G-Protein Signaling 7 Regulates Reward Behavior by Controlling Opioid Signaling in the Striatum. <i>Biological Psychiatry</i> , 2016, 80, 235-245.	0.7	29
20	ELFN2 is a postsynaptic cell adhesion molecule with essential roles in controlling group III mGluRs in the brain and neuropsychiatric behavior. <i>Molecular Psychiatry</i> , 2019, 24, 1902-1919.	4.1	28
21	<i>In vitro</i> profiling of orphan G protein coupled receptor (GPCR) constitutive activity. <i>British Journal of Pharmacology</i> , 2021, 178, 2963-2975.	2.7	23
22	The signaling proteins GPR158 and RGS7 modulate excitability of L2/3 pyramidal neurons and control A-type potassium channel in the prelimbic cortex. <i>Journal of Biological Chemistry</i> , 2019, 294, 13145-13157.	1.6	20
23	Homeostatic cAMP regulation by the RGS7 complex controls depression-related behaviors. <i>Neuropsychopharmacology</i> , 2019, 44, 642-653.	2.8	20
24	Interplay between cell-adhesion molecules governs synaptic wiring of cone photoreceptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23914-23924.	3.3	20
25	LRR1 Modulates Adaptive Changes in Synaptic Communication of Cone Photoreceptors. <i>Cell Reports</i> , 2018, 22, 3562-3573.	2.9	18
26	Inhibitory Signaling to Ion Channels in Hippocampal Neurons Is Differentially Regulated by Alternative Macromolecular Complexes of RGS7. <i>Journal of Neuroscience</i> , 2018, 38, 10002-10015.	1.7	18
27	NF1-cAMP signaling dissociates cell type-specific contributions of striatal medium spiny neurons to reward valuation and motor control. <i>PLoS Biology</i> , 2019, 17, e3000477.	2.6	14
28	Intermolecular Interaction between Anchoring Subunits Specify Subcellular Targeting and Function of RGS Proteins in Retina ON-Bipolar Neurons. <i>Journal of Neuroscience</i> , 2016, 36, 2915-2925.	1.7	12
29	Regulator of G Protein Signaling 7 (RGS7) Can Exist in a Homo-oligomeric Form That Is Regulated by G β and R7-binding Protein. <i>Journal of Biological Chemistry</i> , 2016, 291, 9133-9147.	1.6	11
30	Cellular and Subcellular Localization of the RGS7/G β 25/R7BP Complex in the Cerebellar Cortex. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 114.	0.9	8
31	Human GluR6c, a functional splicing variants of GluR6, is mainly expressed in non-nervous cells. <i>Neuroscience Letters</i> , 2008, 434, 77-82.	1.0	6
32	Probing the orphan receptors: Tools and directions. <i>Progress in Molecular Biology and Translational Science</i> , 2023, , 47-76.	0.9	4
33	Distinct Neuronal Expression Patterns of ELFN1 and ELFN2: Trans-synaptic Modulators of Group III mGluRs. <i>Molecular Psychiatry</i> , 2019, 24, 1769-1769.	4.1	1
34	Comprehensive Spatial Profile of the Orphan G Protein Coupled Receptor GPRC5B Expression in Mouse Brain. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
35	GPR158 and GPR179: a subfamily of orphan GPCRs as a new class of G protein signaling modulators. <i>FASEB Journal</i> , 2013, 27, 1095.2.	0.2	0
36	Trans-synaptic regulation of group III mGluR pharmacology by endogenous allosteric modulators implicated in neuropsychiatric disease. <i>FASEB Journal</i> , 2019, 33, 503.17.	0.2	0