

# Cesare Orlandi

## List of Publications by Citations

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35  
papers

768  
citations

19  
h-index

27  
g-index

38  
ext. papers

990  
ext. citations

8.4  
avg, IF

4.13  
L-index

#	Paper	IF	Citations
35	GPR158/179 regulate G protein signaling by controlling localization and activity of the RGS7 complexes. <i>Journal of Cell Biology</i> , <b>2012</b> , 197, 711-9	7.3	75
34	Mechanism for Selective Synaptic Wiring of Rod Photoreceptors into the Retinal Circuitry and Its Role in Vision. <i>Neuron</i> , <b>2015</b> , 87, 1248-1260	13.9	68
33	Chronic antidepressant treatments induce a time-dependent up-regulation of AMPA receptor subunit protein levels. <i>Neurochemistry International</i> , <b>2011</b> , 59, 896-905	4.4	54
32	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> , <b>2015</b> , 290, 13622-39	5.4	41
31	An Input-Specific Orphan Receptor GPR158-HSPG Interaction Organizes Hippocampal Mossy Fiber-CA3 Synapses. <i>Neuron</i> , <b>2018</b> , 100, 201-215.e9	13.9	39
30	Orphan receptor GPR179 forms macromolecular complexes with components of metabotropic signaling cascade in retina ON-bipolar neurons <b>2013</b> , 54, 7153-61		35
29	Antidepressant treatments change 5-HT <sub>2C</sub> receptor mRNA expression in rat prefrontal/frontal cortex and hippocampus. <i>Neuropsychobiology</i> , <b>2011</b> , 63, 160-8	4	34
28	Orphan receptor GPR158 controls stress-induced depression. <i>ELife</i> , <b>2018</b> , 7,	8.9	32
27	Modulation of dendritic AMPA receptor mRNA trafficking by RNA splicing and editing. <i>Nucleic Acids Research</i> , <b>2013</b> , 41, 617-31	20.1	31
26	Activity regulation of adenosine deaminases acting on RNA (ADARs). <i>Molecular Neurobiology</i> , <b>2012</b> , 45, 61-75	6.2	30
25	Transsynaptic Binding of Orphan Receptor GPR179 to Dystroglycan-Pikachurin Complex Is Essential for the Synaptic Organization of Photoreceptors. <i>Cell Reports</i> , <b>2018</b> , 25, 130-145.e5	10.6	30
24	Synaptic adhesion protein ELFN1 is a selective allosteric modulator of group III metabotropic glutamate receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 5022-5027	11.5	29
23	Regulator of G-Protein Signaling 7 Regulates Reward Behavior by Controlling Opioid Signaling in the Striatum. <i>Biological Psychiatry</i> , <b>2016</b> , 80, 235-45	7.9	26
22	AMPA receptor regulation at the mRNA and protein level in rat primary cortical cultures. <i>PLoS ONE</i> , <b>2011</b> , 6, e25350	3.7	26
21	Genetic behavioral screen identifies an orphan anti-opioid system. <i>Science</i> , <b>2019</b> , 365, 1267-1273	33.3	25
20	The TRPM1 channel in ON-bipolar cells is gated by both the $\beta$ and the $\beta$ subunits of the G-protein Go. <i>Scientific Reports</i> , <b>2016</b> , 6, 20940	4.9	23
19	Beyond the Ligand: Extracellular and Transcellular G Protein-Coupled Receptor Complexes in Physiology and Pharmacology. <i>Pharmacological Reviews</i> , <b>2019</b> , 71, 503-519	22.5	20

18	Orphan G Protein Coupled Receptors in Affective Disorders. <i>Genes</i> , <b>2020</b> , 11,	4.2	20
17	NF1 Is a Direct G Protein Effector Essential for Opioid Signaling to Ras in the Striatum. <i>Current Biology</i> , <b>2016</b> , 26, 2992-3003	6.3	19
16	Homeostatic cAMP regulation by the RGS7 complex controls depression-related behaviors. <i>Neuropsychopharmacology</i> , <b>2019</b> , 44, 642-653	8.7	15
15	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> , <b>2019</b> , 24, 1902-1919	15.1	14
14	LRIT1 Modulates Adaptive Changes in Synaptic Communication of Cone Photoreceptors. <i>Cell Reports</i> , <b>2018</b> , 22, 3562-3573	10.6	14
13	Intermolecular Interaction between Anchoring Subunits Specify Subcellular Targeting and Function of RGS Proteins in Retina ON-Bipolar Neurons. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 2915-25	6.6	11
12	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> , <b>2019</b> , 294, 13145-13157	5.4	11
11	NF1-cAMP signaling dissociates cell type-specific contributions of striatal medium spiny neurons to reward valuation and motor control. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000477	9.7	8
10	Cellular and Subcellular Localization of the RGS7/Gβ/R7BP Complex in the Cerebellar Cortex. <i>Frontiers in Neuroanatomy</i> , <b>2016</b> , 10, 114	3.6	7
9	Inhibitory Signaling to Ion Channels in Hippocampal Neurons Is Differentially Regulated by Alternative Macromolecular Complexes of RGS7. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 10002-10015	6.6	7
8	Human GluR6c, a functional splicing variants of GluR6, is mainly expressed in non-nervous cells. <i>Neuroscience Letters</i> , <b>2008</b> , 434, 77-82	3.3	6
7	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> , <b>2020</b> , 117, 23914-23924	11.5	6
6	Regulator of G Protein Signaling 7 (RGS7) Can Exist in a Homo-oligomeric Form That Is Regulated by Gβ and R7-binding Protein. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 9133-47	5.4	6
5	In vitro profiling of orphan G protein coupled receptor (GPCR) constitutive activity. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 2963-2975	8.6	5
4	Trans-synaptic regulation of group III mGluR pharmacology by endogenous allosteric modulators implicated in neuropsychiatric disease. <i>FASEB Journal</i> , <b>2019</b> , 33, 503.17	0.9	
3	GPR158 and GPR179: a subfamily of orphan GPCRs as a new class of G protein signaling modulators. <i>FASEB Journal</i> , <b>2013</b> , 27, 1095.2	0.9	
2	Distinct Neuronal Expression Patterns of ELFN1 and ELFN2: Trans-synaptic Modulators of Group III mGluRs. <i>Molecular Psychiatry</i> , <b>2019</b> , 24, 1769-1769	15.1	
1	Probing the orphan receptors: Tools and directions. <i>Progress in Molecular Biology and Translational Science</i> , <b>2022</b> ,	4	

