

Marta Busnelli

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,415
citations

331670

21
h-index

434195

31
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33
all docs

33
docs citations

33
times ranked

3086
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacologic Rescue of Impaired Cognitive Flexibility, Social Deficits, Increased Aggression, and Seizure Susceptibility in Oxytocin Receptor Null Mice: A Neurobehavioral Model of Autism. <i>Biological Psychiatry</i> , 2011, 69, 875-882.	1.3	315
2	A New Population of Parvocellular Oxytocin Neurons Controlling Magnocellular Neuron Activity and Inflammatory Pain Processing. <i>Neuron</i> , 2016, 89, 1291-1304.	8.1	314
3	Assembling the Puzzle: Pathways of Oxytocin Signaling in the Brain. <i>Biological Psychiatry</i> , 2016, 79, 155-164.	1.3	236
4	Chronic and Acute Intranasal Oxytocin Produce Divergent Social Effects in Mice. <i>Neuropsychopharmacology</i> , 2014, 39, 1102-1114.	5.4	176
5	Functional Selective Oxytocin-derived Agonists Discriminate between Individual G Protein Family Subtypes. <i>Journal of Biological Chemistry</i> , 2012, 287, 3617-3629.	3.4	147
6	The Timing of the Excitatory-to-Inhibitory GABA Switch Is Regulated by the Oxytocin Receptor via KCC2. <i>Cell Reports</i> , 2016, 15, 96-103.	6.4	141
7	Oxytocin Receptors in the Anteromedial Bed Nucleus of the Stria Terminalis Promote Stress-Induced Social Avoidance in Female California Mice. <i>Biological Psychiatry</i> , 2018, 83, 203-213.	1.3	118
8	A Family with Complete Resistance to Thyrotropin-Releasing Hormone. <i>New England Journal of Medicine</i> , 2009, 360, 731-734.	27.0	101
9	Molecular Basis of Oxytocin Receptor Signalling in the Brain: What We Know and What We Need to Know. <i>Current Topics in Behavioral Neurosciences</i> , 2017, 35, 3-29.	1.7	94
10	Mice Heterozygous for the Oxytocin Receptor Gene (<i>Oxtr</i> ^{+/â}) Show Impaired Social Behaviour but not Increased Aggression or Cognitive Inflexibility: Evidence of a Selective Haploinsufficiency Gene Effect. <i>Journal of Neuroendocrinology</i> , 2013, 25, 107-118.	2.6	92
11	Neurohypophyseal hormones manipulation modulate social and anxiety-related behavior in zebrafish. <i>Psychopharmacology</i> , 2012, 220, 319-330.	3.1	85
12	Selective and Potent Agonists and Antagonists for Investigating the Role of Mouse Oxytocin Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 346, 318-327.	2.5	84
13	Structural Differences in the Hinge Region of the Glycoprotein Hormone Receptors: Evidence from the Sulfated Tyrosine Residues. <i>Molecular Endocrinology</i> , 2006, 20, 3351-3363.	3.7	79
14	Dual modulation of inward rectifier potassium currents in olfactory neuronal cells by promiscuous G protein coupling of the oxytocin receptor. <i>Journal of Neurochemistry</i> , 2010, 114, 1424-1435.	3.9	66
15	Region Specific Up-Regulation of Oxytocin Receptors in the Opioid Oprm1 ^{ΔE1â} /Oprm1 ^{ΔE1â} Mouse Model of Autism. <i>Frontiers in Pediatrics</i> , 2014, 2, 91.	1.9	50
16	Design and Characterization of Superpotent Bivalent Ligands Targeting Oxytocin Receptor Dimers via a Channel-Like Structure. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7152-7166.	6.4	49
17	Carbetocin is a Functional Selective Gq Agonist That Does Not Promote Oxytocin Receptor Recycling After Inducing Arrestin-Independent Internalisation. <i>Journal of Neuroendocrinology</i> , 2016, 28, .	2.6	41
18	Blood Cell Mitochondrial DNA Content and Premature Ovarian Aging. <i>PLoS ONE</i> , 2012, 7, e42423.	2.5	37

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19	Subtle modifications to oxytocin produce ligands that retain potency and improved selectivity across species. <i>Science Signaling</i> , 2017, 10, .	3.6	34
20	Specific roles of Gi protein family members revealed by dissecting SST5 coupling in human pituitary cells. <i>Journal of Cell Science</i> , 2013, 126, 638-644.	2.0	24
21	Oxytocin-induced cell growth proliferation in human myometrial cells and leiomyomas. <i>Fertility and Sterility</i> , 2010, 94, 1869-1874.	1.0	22
22	Germline Prokineticin Receptor 2 (PROKR2) Variants Associated With Central Hypogonadism Cause Differential Modulation of Distinct Intracellular Pathways. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E458-E463.	3.6	21
23	The ligand-bound state of a G protein-coupled receptor stabilizes the interaction of functional cholesterol molecules. <i>Journal of Lipid Research</i> , 2021, 62, 100059.	4.2	17
24	Unaltered Oxytocin and Vasopressin Plasma Levels in Patients with Schizophrenia After 4 Months of Daily Treatment with Intranasal Oxytocin. <i>Journal of Neuroendocrinology</i> , 2016, 28, .	2.6	14
25	Full and Partial Agonists of Thromboxane Prostanoid Receptor Unveil Fine Tuning of Receptor Superactive Conformation and G Protein Activation. <i>PLoS ONE</i> , 2013, 8, e60475.	2.5	12
26	Impaired thromboxane receptor dimerization reduces signaling efficiency: A potential mechanism for reduced platelet function in vivo. <i>Biochemical Pharmacology</i> , 2017, 124, 43-56.	4.4	12
27	Impaired approach to novelty and striatal alterations in the oxytocin receptor deficient mouse model of autism. <i>Hormones and Behavior</i> , 2019, 114, 104543.	2.1	12
28	Analysis of GPCR Dimerization Using Acceptor Photobleaching Resonance Energy Transfer Techniques. <i>Methods in Enzymology</i> , 2013, 521, 311-327.	1.0	9
29	Deciphering the specific role of G α i/o isoforms: functional selective oxytocin ligands and somatostatin SST5 receptor mutants. <i>Biochemical Society Transactions</i> , 2013, 41, 166-171.	3.4	5
30	Analysis of G Protein and β -Arrestin Activation in Chemokine Receptors Signaling. <i>Methods in Enzymology</i> , 2016, 570, 421-440.	1.0	4
31	Region-Specific KCC2 Rescue by rhIGF-1 and Oxytocin in a Mouse Model of Rett Syndrome. <i>Cerebral Cortex</i> , 2022, 32, 2885-2894.	2.9	4
32	Specific roles of Gi protein family members revealed by dissecting SST5 coupling in human pituitary cells. <i>Journal of Cell Science</i> , 2014, 127, 2377-2377.	2.0	0