

Cinzia Severini

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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.

105 papers	3,190 citations	29 h-index	53 g-index
106 ext. papers	3,545 ext. citations	6.1 avg, IF	4.38 L-index

#	Paper	IF	Citations
105	The tachykinin peptide family. <i>Pharmacological Reviews</i> , 2002 , 54, 285-322	22.5	474
104	Deltorphins: a family of naturally occurring peptides with high affinity and selectivity for delta opioid binding sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989 , 86, 5188-92	11.5	390
103	Deltorphan, a novel amphibian skin peptide with high selectivity and affinity for delta opioid receptors. <i>European Journal of Pharmacology</i> , 1989 , 162, 123-8	5.3	184
102	Identification of novel peptide hormones in the human proteome by hidden Markov model screening. <i>Genome Research</i> , 2007 , 17, 320-7	9.7	170
101	TLQP-21, a VGF-derived peptide, increases energy expenditure and prevents the early phase of diet-induced obesity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 14584-9	11.5	124
100	cDNAs encoding [D-Ala ²]deltorphan precursors from skin of <i>Phyllomedusa bicolor</i> also contain genetic information for three dermorphin-related opioid peptides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990 , 87, 4836-9	11.5	81
99	Activation of the amyloidogenic route by NGF deprivation induces apoptotic death in PC12 cells. <i>Journal of Alzheimer's Disease</i> , 2008 , 13, 81-96	4.3	75
98	Structure-activity relationships of the delta-opioid-selective agonists, deltorphins. <i>European Journal of Pharmacology</i> , 1991 , 195, 201-7	5.3	67
97	Parallel bioassay of 27 bombesin-like peptides on 9 smooth muscle preparations. Structure-activity relationships and bombesin receptor subtypes. <i>Regulatory Peptides</i> , 1988 , 21, 1-11		66
96	Dermorphin and deltorphan glycosylated analogues: synthesis and antinociceptive activity after systemic administration. <i>Journal of Medicinal Chemistry</i> , 1999 , 42, 400-4	8.3	59
95	Purification and characterization of bioactive peptides from skin extracts of <i>Rana esculenta</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1990 , 1033, 318-23	4	52
94	Alkaloids from Australian frogs (Myobatrachidae): pseudophrynamines and pumiliotoxins. <i>Journal of Natural Products</i> , 1990 , 53, 407-21	4.9	47
93	Choline esters and biogenic amines in the hypobranchial gland of 55 molluscan species of the neogastropod Muricoidea superfamily. <i>Toxicon</i> , 1996 , 34, 33-55	2.8	44
92	In vitro and in vivo pharmacological role of TLQP-21, a VGF-derived peptide, in the regulation of rat gastric motor functions. <i>British Journal of Pharmacology</i> , 2009 , 157, 984-93	8.6	42
91	TLQP-21, a neuroendocrine VGF-derived peptide, prevents cerebellar granule cells death induced by serum and potassium deprivation. <i>Journal of Neurochemistry</i> , 2008 , 104, 534-44	6	42
90	Tachykinins and other biologically active peptides from the skin of the Costa Rican phyllomedusid frog <i>Agalychnis callidryas</i> . <i>Peptides</i> , 1997 , 18, 367-72	3.8	41
89	The TLQP-21 peptide activates the G-protein-coupled receptor C3aR1 via a folding-upon-binding mechanism. <i>Structure</i> , 2014 , 22, 1744-1753	5.2	40

88	Utrophin up-regulation by an artificial transcription factor in transgenic mice. <i>PLoS ONE</i> , 2007 , 2, e774	3.7	39
87	Dermorphin-related peptides from the skin of <i>Phyllomedusa bicolor</i> and their amidated analogs activate two mu opioid receptor subtypes that modulate antinociception and catalepsy in the rat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 7203-7	11.5	39
86	Six novel tachykinin- and bombesin-related peptides from the skin of the Australian frog <i>Pseudophryne gillmeri</i> . <i>Peptides</i> , 1990 , 11, 299-304	3.8	39
85	Reproducible withdrawal contractions of isolated guinea-pig ileum after brief morphine exposure: effects of clonidine and nifedipine. <i>Journal of Pharmacy and Pharmacology</i> , 1990 , 42, 115-20	4.8	38
84	SP protects cerebellar granule cells against beta-amyloid-induced apoptosis by down-regulation and reduced activity of Kv4 potassium channels. <i>Neuropharmacology</i> , 2010 , 58, 268-76	5.5	38
83	Substance P provides neuroprotection in cerebellar granule cells through Akt and MAPK/Erk activation: evidence for the involvement of the delayed rectifier potassium current. <i>Neuropharmacology</i> , 2007 , 52, 1366-77	5.5	35
82	Pharmacological studies of δ -opioid from the frog <i>Phyllomedusa bicolor</i> skin: a drug used by the Peruvian Matsigenka Indians in shamanic hunting practices. <i>Toxicon</i> , 1993 , 31, 1099-111	2.8	34
81	The Intersection of NGF/TrkA Signaling and Amyloid Precursor Protein Processing in Alzheimer's Disease Neuropathology. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	33
80	[D-Leu ²]deltorphin, a 17 amino acid opioid peptide from the skin of the Brazilian hyaline frog, <i>Phyllomedusa burmeisteri</i> . <i>Peptides</i> , 1994 , 15, 199-202	3.8	32
79	Bv8/prokineticin 2 is involved in A β -induced neurotoxicity. <i>Scientific Reports</i> , 2015 , 5, 15301	4.9	30
78	Effects of dapiprazole, clonidine and yohimbine on the development of dependence and withdrawal behaviour in mice. <i>Drug and Alcohol Dependence</i> , 1989 , 23, 73-7	4.9	30
77	Biogenic amines and active peptides in extracts of the skin of thirty-two European amphibian species. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1989 , 94, 455-60		29
76	Pharmacological inhibition of 2-arachidonoylglycerol hydrolysis enhances memory consolidation in rats through CB2 receptor activation and mTOR signaling modulation. <i>Neuropharmacology</i> , 2018 , 138, 210-218	5.5	29
75	The artificial gene Jazz, a transcriptional regulator of utrophin, corrects the dystrophic pathology in mdx mice. <i>Human Molecular Genetics</i> , 2010 , 19, 752-60	5.6	28
74	Bindarit, inhibitor of CCL2 synthesis, protects neurons against amyloid- β -induced toxicity. <i>Journal of Alzheimer's Disease</i> , 2014 , 38, 281-93	4.3	26
73	Parallel bioassay of 39 tachykinins on 11 smooth muscle preparations. Structure and receptor selectivity/affinity relationship. <i>Peptides</i> , 2000 , 21, 1587-95	3.8	25
72	Does the term 'trophic' actually mean anti-amyloidogenic? The case of NGF. <i>Cell Death and Differentiation</i> , 2010 , 17, 1126-33	12.7	24
71	Substance P and Alzheimer's Disease: Emerging Novel Roles. <i>Current Alzheimer Research</i> , 2016 , 13, 964-72	3.2	24

70	Identification and characterization of two dermorphins from skin extracts of the Amazonian frog <i>Phyllomedusa bicolor</i> . <i>FEBS Letters</i> , 1992 , 302, 151-4	3.8	23
69	Systemic administration of substance P recovers beta amyloid-induced cognitive deficits in rat: involvement of Kv potassium channels. <i>PLoS ONE</i> , 2013 , 8, e78036	3.7	22
68	Novel adeno-associated viral vector delivering the utrophin gene regulator jazz counteracts dystrophic pathology in mdx mice. <i>Journal of Cellular Physiology</i> , 2014 , 229, 1283-91	7	21
67	A new opioid peptide predicted from cloned cDNAs from skin of <i>Pachymedusa dactylos</i> and <i>Agalychnis annae</i> . <i>FEBS Letters</i> , 1998 , 429, 41-3	3.8	21
66	Substance P receptor activation induces downregulation of the AMPA receptor functionality in cortical neurons from a genetic model of Amyotrophic Lateral Sclerosis. <i>Neurobiology of Disease</i> , 2011 , 44, 92-101	7.5	20
65	Gene expression changes in medical workers exposed to radiation. <i>Radiation Research</i> , 2009 , 172, 500-8	3.1	19
64	Pathways Implicated in Tadalafil Amelioration of Duchenne Muscular Dystrophy. <i>Journal of Cellular Physiology</i> , 2016 , 231, 224-32	7	19
63	The VGF-derived peptide TLQP-62 modulates insulin secretion and glucose homeostasis. <i>Journal of Molecular Endocrinology</i> , 2015 , 54, 227-39	4.5	18
62	TLQP-21, a VGF-derived peptide, prevents ethanol-induced gastric lesions: insights into its mode of action. <i>Neuroendocrinology</i> , 2010 , 92, 189-97	5.6	18
61	Gene expression time-series analysis of camptothecin effects in U87-MG and DBTRG-05 glioblastoma cell lines. <i>Molecular Cancer</i> , 2008 , 7, 66	42.1	18
60	Novel Uperin Peptides From the Dorsal Glands of the Australian Floodplain Toadlet <i>Uperoleia inunda</i> . <i>Australian Journal of Chemistry</i> , 1996 , 49, 475	1.2	18
59	Utrophin up-regulation by artificial transcription factors induces muscle rescue and impacts the neuromuscular junction in mdx mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 1172-1182	6.9	17
58	Substance P activates ADAM9 mRNA expression and induces β -secretase-mediated amyloid precursor protein cleavage. <i>Neuropharmacology</i> , 2012 , 62, 1954-63	5.5	17
57	Involvement of cannabinoid CB1- and CB2-receptors in the modulation of exocrine pancreatic secretion. <i>Pharmacological Research</i> , 2009 , 59, 207-14	10.2	16
56	A cDNA-microarray analysis of camptothecin resistance in glioblastoma cell lines. <i>Cancer Letters</i> , 2006 , 231, 74-86	9.9	16
55	Biogenic amines and active peptides in the skin of fifty-two African amphibian species other than bufonids. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1988 , 91, 281-6		16
54	A tachykinin-like factor increases glutamate toxicity in rat cerebellar granule cells. <i>Neuropharmacology</i> , 2003 , 44, 117-24	5.5	15
53	Prokineticin system modulation as a new target to counteract the amyloid beta toxicity induced by glutamatergic alterations in an in vitro model of Alzheimer's disease. <i>Neuropharmacology</i> , 2017 , 116, 82-97	5.5	14

52	Neuropeptides in Alzheimer's Disease: An Update. <i>Current Alzheimer Research</i> , 2019 , 16, 544-558	3	14
51	In vitro and in vivo biological activities of PG-KII, a novel kassinin-like peptide from the skin of the Australian frog, <i>Pseudophryne gillmeri</i> . <i>Peptides</i> , 1996 , 17, 1003-8	3.8	13
50	TLQP-21, a VGF-derived peptide, stimulates exocrine pancreatic secretion in the rat. <i>Peptides</i> , 2012 , 36, 133-6	3.8	11
49	Vas deferens response to selective opioid receptor agonists in adult mice is impaired following postnatal repeated mild stress. <i>European Journal of Pharmacology</i> , 2003 , 458, 201-5	5.3	11
48	Hearing loss and Alzheimer's disease: A Review. <i>International Tinnitus Journal</i> , 2019 , 23, 79-85	1.6	11
47	The NGF Mutation Specifically Impairs Nociception without Affecting Cognitive Performance in a Mouse Model of Hereditary Sensory and Autonomic Neuropathy Type V. <i>Journal of Neuroscience</i> , 2019 , 39, 9702-9715	6.6	11
46	The prokineticin receptor antagonist PC1 rescues memory impairment induced by β -amyloid administration through the modulation of prokineticin system. <i>Neuropharmacology</i> , 2019 , 158, 107739	5.5	10
45	Activity of mu- and delta-opioid agonists in vas deferens from mice deficient in MOR gene. <i>British Journal of Pharmacology</i> , 2001 , 132, 1485-92	8.6	10
44	Systemic Amyloidosis: a Contemporary Overview. <i>Clinical Reviews in Allergy and Immunology</i> , 2020 , 59, 304-322	12.3	10
43	Monocyte Chemoattractant Protein-1 upregulates GABA-induced current: evidence of modified GABAA subunit composition in cortical neurons from the G93A mouse model of Amyotrophic Lateral Sclerosis. <i>Neuropharmacology</i> , 2013 , 73, 247-60	5.5	9
42	Neuropeptide TLQP-21, a VGF internal fragment, modulates hormonal gene expression and secretion in GH3 cell line. <i>Neuroendocrinology</i> , 2013 , 97, 212-24	5.6	9
41	Guinea pig ileum motility stimulation elicited by N-formyl-Met-Leu-Phe (fMLF) involves neurotransmitters and prostanoids. <i>Peptides</i> , 2011 , 32, 266-71	3.8	9
40	Postnatal development of delta-opioid receptor subtypes in mice. <i>British Journal of Pharmacology</i> , 1997 , 120, 989-94	8.6	9
39	AMPA receptors are modulated by tachykinins in rat cerebellum neurons. <i>Journal of Neurophysiology</i> , 2005 , 94, 2484-90	3.2	9
38	Bromelain Degrades A β -42 Monomers and Soluble Aggregates: An In Vitro Study in Cerebrospinal Fluid of Alzheimer's Disease Patients. <i>Current Alzheimer Research</i> , 2018 , 15, 628-636	3	9
37	Guinea-pig ileum (GPI) and mouse vas deferens (MVD) preparations in the discovery, discrimination and parallel bioassay of opioid peptides. <i>Pharmacological Research</i> , 1992 , 26, 109-21	10.2	8
36	Pumiliotoxin B-like alkaloid in extracts of the skin of the Australian myobatrachid frog <i>Pseudophryne coriacea</i> : effects on the systemic blood pressure of experimental animals and the rat heart. <i>Neuropharmacology</i> , 1989 , 28, 319-28	5.5	8
35	Involvement of the Chemokine Prokineticin-2 (PROK2) in Alzheimer's Disease: From Animal Models to the Human Pathology. <i>Cells</i> , 2019 , 8,	7.9	8

34	Increase of Prokineticin-2 in Serum of Patients with Parkinson's Disease. <i>Movement Disorders</i> , 2021 , 36, 1031-1033	7	8
33	Igf1 and Pacap rescue cerebellar granule neurons from apoptosis via a common transcriptional program. <i>Cell Death Discovery</i> , 2015 , 1,	6.9	7
32	Expression of NK-1 and NK-3 tachykinin receptors in pancreatic acinar cells after acute experimental pancreatitis in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2006 , 291, G518-24	5.1	7
31	A naturally occurring erythro diastereomer of pumiliotoxin b. <i>Tetrahedron</i> , 1988 , 44, 6795-6800	2.4	7
30	Alzheimer's Disease: New Concepts on the Role of Autoimmunity and NLRP3 Inflammasome in the Pathogenesis of the Disease. <i>Current Neuropharmacology</i> , 2021 , 19, 498-512	7.6	7
29	Drug target identification at the crossroad of neuronal apoptosis and survival. <i>Expert Opinion on Drug Discovery</i> , 2017 , 12, 249-259	6.2	6
28	Abnormal Pain Sensation in Mice Lacking the Prokineticin Receptor PKR2: Interaction of PKR2 with Transient Receptor Potential TRPV1 and TRPA1. <i>Neuroscience</i> , 2020 , 427, 16-28	3.9	6
27	Nerve growth factor derivative NGF61/100 promotes outgrowth of primary sensory neurons with reduced signs of nociceptive sensitization. <i>Neuropharmacology</i> , 2017 , 117, 134-148	5.5	5
26	Effects of age-related loss of P/Q-type calcium channels in a mice model of peripheral nerve injury. <i>Neurobiology of Aging</i> , 2015 , 36, 352-64	5.6	5
25	Parallel bioassay of PG-SPI, an amphibian acidic SP-like peptide, mammalian basic substance P, and neurokinins A and B on in vitro and in vivo test systems. <i>Peptides</i> , 1995 , 16, 609-14	3.8	5
24	Mediterranean Diet, Brain and Muscle: Olive Polyphenols and Resveratrol Protection in Neurodegenerative and Neuromuscular Disorders. <i>Current Medicinal Chemistry</i> , 2021 , 28, 7595-7613	4.3	5
23	Transcriptional landscapes at the intersection of neuronal apoptosis and substance P-induced survival: exploring pathways and drug targets. <i>Cell Death Discovery</i> , 2016 , 2, 16050	6.9	4
22	Tachykinins and excitotoxicity in cerebellar granule cells. <i>Cerebellum</i> , 2006 , 5, 232-7	4.3	4
21	Effects of natural tachykinins on porcine lower urinary tract smooth muscle. <i>Autonomic and Autacoid Pharmacology</i> , 2000 , 20, 157-61		4
20	Effects of D-lysergic acid diethylamine on serotonin, adrenaline and dopamine evoked aorta contractions. <i>Pharmacological Research Communications</i> , 1988 , 20, 435-6		4
19	Activation of kinase phosphorylation by heat-shift and mild heat-shock. <i>Cell Biology International Reports</i> , 2010 , 17, e00002		3
18	Effects of natural tachykinins on ovine lower urinary tract smooth muscle. <i>Autonomic and Autacoid Pharmacology</i> , 2001 , 21, 79-84		3
17	Maternal exposure to low levels of corticosterone during lactation protects adult rat progeny against TNBS-induced colitis: A study on GR-mediated anti-inflammatory effect and prokineticin system. <i>PLoS ONE</i> , 2017 , 12, e0173484	3.7	3

16	Relaxant effect of proton pump inhibitors on in vitro myometrium from pregnant women. <i>European Journal of Pharmaceutical Sciences</i> , 2014 , 52, 125-31	5.1	2
15	Conformational Analysis by NMR and Distance-Geometry Techniques of Deltorphan Analogs. <i>European Journal of Organic Chemistry</i> , 1998 , 1998, 2279-2287	3.2	2
14	Transmitter release and uptake evoked by the amphibian skin alkaloid, pumiliotoxin-B (PTX-B), in the electrically stimulated mouse vas deferens preparation (MVD). <i>Autonomic and Autacoid Pharmacology</i> , 1998 , 18, 333-42		2
13	Immunocytochemical distribution of NK-1 and NK-3 tachykinin receptors in isolated pancreatic acini of guinea pigs and rats. <i>Peptides</i> , 2005 , 26, 2351-4	3.8	2
12	Biologic activity of the tachykinins on lamb and sheep gallbladder. <i>Peptides</i> , 2003 , 24, 543-51	3.8	2
11	Tachykinin neuropeptides in cerebellar granule neurons: an immunocytochemical study. <i>European Journal of Histochemistry</i> , 2005 , 49, 87-92	2.1	2
10	Involvement of Bradykinin Receptor 2 in Nerve Growth Factor Neuroprotective Activity. <i>Cells</i> , 2020 , 9,	7.9	2
9	The trophic effect of nerve growth factor in primary cultures of rat hippocampal neurons is associated to an anti-inflammatory and immunosuppressive transcriptional program. <i>Journal of Cellular Physiology</i> , 2018 , 233, 7178-7187	7	1
8	Litorin-like peptides in the skin of five phyllomedusa species other than Phyll.sauvagei and Phyll.rohdei. <i>Pharmacological Research Communications</i> , 1987 , 19, 319-25		1
7	Serum Substance P Is Increased in Parkinson's Disease and Correlates with Motor Impairment. <i>Movement Disorders</i> , 2021 ,	7	1
6	Amphibian Tachykinins 2006 , 261-268		1
5	The Role of Prokineticin 2 in Oxidative Stress and in Neuropathological Processes. <i>Frontiers in Pharmacology</i> , 2021 , 12, 640441	5.6	1
4	What substance P might tell us about the prognosis and mechanism of Parkinson's disease?. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 131, 899-911	9	0
3	Pilot Investigation on p75 ^{ICD} Expression in Laryngeal Squamous Cell Carcinoma. <i>Cancers</i> , 2022 , 14, 26226.6		0
2	Tachykinins 2013 , 391-399		
1	Neuropeptide Y release by pumiliotoxin-B in the electrically-stimulated mouse vas deferens: an immunohistochemical study. <i>Peptides</i> , 1999 , 20, 809-16	3.8	