Remo Guerrini

List of Publications by Citations

257 papers	8,868 citations	49 h-index	79 g-index
261 ext. papers	9,430 ext. citations	5.2 avg, IF	5.33 L-index

#	Paper	IF	Citations
257	Solution structure of the Alzheimer amyloid beta-peptide (1-42) in an apolar microenvironment. Similarity with a virus fusion domain. *FEBS Journal*, **2002**, 269, 5642-8		470
256	Structure of the nociceptin/orphanin FQ receptor in complex with a peptide mimetic. *Nature*, **2012**, 485, 395-9	50.4	383
255	Pharmacology of nociceptin and its receptor: a novel therapeutic target. *British Journal of Pharmacology*, **2000**, 129, 1261-83	8.6	347
254	The alpha-to-beta conformational transition of Alzheimer Abeta-(1-42) peptide in aqueous media is reversible: a step by step conformational analysis suggests the location of beta conformation seeding. *ChemBioChem*, **2006**, 7, 257-67	3.8	314
253	Address and message sequences for the nociceptin receptor: a structure-activity study of nociceptin-(1-13)-peptide amide. *Journal of Medicinal Chemistry*, **1997**, 40, 1789-93	8.3	214
252	A new selective antagonist of the nociceptin receptor. *British Journal of Pharmacology*, **1998**, 123, 163-5	8.6	197
251	Characterization of [Nphe(1)]nociceptin(1-13)NH(2), a new selective nociceptin receptor antagonist. *British Journal of Pharmacology*, **2000**, 129, 1183-93	8.6	164
250	[Nphe1,Arg14,Lys15]nociceptin-NH2, a novel potent and selective antagonist of the nociceptin/orphanin FQ receptor. *British Journal of Pharmacology*, **2002**, 136, 303-11	8.6	148
249	Opioidmimetic Antagonists: Prototypes for Designing a New Generation of Ultraselective Opioid Peptides. *Molecular Medicine*, **1995**, 1, 678-689	6.2	114
248	The mouse vas deferens: a pharmacological preparation sensitive to nociceptin. *European Journal of Pharmacology*, **1996**, 311, R3-5	5.3	111
247	Blockade of nociceptin/orphanin FQ receptor signaling in rat substantia nigra pars reticulata stimulates nigrostriatal dopaminergic transmission and motor behavior. *Journal of Neuroscience*, **2004**, 24, 6659-66	6.6	106
246	Blockade of nociceptin/orphanin FQ transmission attenuates symptoms and neurodegeneration associated with Parkinson disease. *Journal of Neuroscience*, **2005**, 25, 9591-601	6.6	105
245	Solution structure of amyloid beta-peptide (25-35) in different media. *Journal of Medicinal Chemistry*, **2004**, 47, 4231-8	8.3	99
244	Characterization of nociceptin receptors in the periphery: in vitro and in vivo studies. *Naunyn-Schmiedebergs Archives of Pharmacology*, **1999**, 359, 160-7	3.4	92
243	Evaluation of the Dmt-Tic pharmacophore: conversion of a potent delta-opioid receptor antagonist into a potent delta agonist and ligands with mixed properties. *Journal of Medicinal Chemistry*, **2002**, 45, 713-20	8.3	90
242	Nociceptin/orphanin FQ receptor ligands. *Peptides*, **2000**, 21, 935-47	3.8	89
241	UFP-101, a peptide antagonist selective for the nociceptin/orphanin FQ receptor. *CNS Neuroscience & Therapeutics*, **2005**, 11, 97-112		86

240	Structure-activity studies on neuropeptide S: identification of the amino acid residues crucial for receptor activation. *Journal of Biological Chemistry*, **2006**, 281, 20809-20816	5.4	83
239	Evolution of the Dmt-Tic pharmacophore: N-terminal methylated derivatives with extraordinary delta opioid antagonist activity. *Journal of Medicinal Chemistry*, **1997**, 40, 3100-8	8.3	81
238	Anxiolytic-like effect of neuropeptide S in the rat defensive burying. *Peptides*, **2008**, 29, 2286-91	3.8	81
237	Structure-activity study of the nociceptin(1-13)-NH2 N-terminal tetrapeptide and discovery of a nociceptin receptor antagonist. *Journal of Medicinal Chemistry*, **1998**, 41, 3360-6	8.3	80
236	Neurobiology, pharmacology, and medicinal chemistry of neuropeptide S and its receptor. *Medicinal Research Reviews*, **2010**, 30, 751-77	14.4	75
235	Potent delta-opioid receptor agonists containing the Dmt-Tic pharmacophore. *Journal of Medicinal Chemistry*, **2002**, 45, 5556-63	8.3	75
234	Comparison of the effects of [Phe1psi(CH2-NH)Gly2]nociceptin(1-13)NH2 in rat brain, rat vas deferens and CHO cells expressing recombinant human nociceptin receptors. *British Journal of Pharmacology*, **1999**, 127, 123-30	8.6	70
233	Further studies on the Dmt-Tic pharmacophore: hydrophobic substituents at the C-terminus endow delta antagonists to manifest mu agonism or mu antagonism. *Journal of Medicinal Chemistry*, **1999**, 42, 5010-9	8.3	68
232	Protein-protein interface-binding peptides inhibit the cancer therapy target human thymidylate synthase. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, E542-9	11.5	66
231	Anxiolytic- and antidepressant-like activities of H-Dmt-Tic-NH-CH(CH2-COOH)-Bid (UFP-512), a novel selective delta opioid receptor agonist. *Peptides*, **2008**, 29, 93-103	3.8	66
230	Further studies on nociceptin-related peptides: discovery of a new chemical template with antagonist activity on the nociceptin receptor. *Journal of Medicinal Chemistry*, **2000**, 43, 2805-13	8.3	66
229	In vitro and in vivo studies on UFP-112, a novel potent and long lasting agonist selective for the nociceptin/orphanin FQ receptor. *Peptides*, **2007**, 28, 1240-51	3.8	65
228	Long-lasting antinociceptive spinal effects in primates of the novel nociceptin/orphanin FQ receptor agonist UFP-112. *Pain*, **2010**, 148, 107-113	8	64
227	Cardiovascular effects of nociceptin in unanesthetized mice. *Hypertension*, **1999**, 33, 914-9	8.5	63
226	Nociceptin/orphanin FQ exacerbates excitotoxic white-matter lesions in the murine neonatal brain. *Journal of Clinical Investigation*, **2001**, 107, 457-66	15.9	60
225	Chronic treatment with the selective NOP receptor antagonist [Nphe 1, Arg 14, Lys 15]N/OFQ-NH 2 (UFP-101) reverses the behavioural and biochemical effects of unpredictable chronic mild stress in rats. *Psychopharmacology*, **2009**, 207, 173-89	4.7	58
224	Copper binding to the neurotoxic peptide PrP106-126: thermodynamic and structural studies. *ChemBioChem*, **2004**, 5, 349-59	3.8	58
223	[Nphe(1)]nociceptin-(1-13)-NH(2) antagonizes nociceptin effects in the mouse colon. *European Journal of Pharmacology*, **1999**, 385, R3-5	5.3	58

222	Immunosensing by a Synthetic Ligand-Gated Ion Channel. *Angewandte Chemie - International Edition*, **2001**, 40, 1740-1743	16.4	57
221	Structural and dynamic characterization of copper(II) binding of the human prion protein outside the octarepeat region. *Chemistry - A European Journal*, **2007**, 13, 1991-2001	4.8	56
220	Pharmacological profile of NOP receptors coupled with calcium signaling via the chimeric protein G alpha qi5. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2009**, 379, 599-607	3.4	54
219	Endogenous nociceptin/orphanin FQ signalling produces opposite spinal antinociceptive and supraspinal pronociceptive effects in the mouse formalin test: pharmacological and genetic evidences. *Pain*, **2006**, 124, 100-8	8	54
218	Central injections of nocistatin or its C-terminal hexapeptide exert anxiogenic-like effect on behaviour of mice in the plus-maze test. *British Journal of Pharmacology*, **2002**, 136, 764-72	8.6	54
217	The Importance of Ligand-Receptor Conformational Pairs in Stabilization: Spotlight on the N/OFQ G Protein-Coupled Receptor. *Structure*, **2015**, 23, 2291-2299	5.2	53
216	In vitro and in vivo pharmacological characterization of the neuropeptide s receptor antagonist [D-Cys(tBu)5]neuropeptide S. *Journal of Pharmacology and Experimental Therapeutics*, **2009**, 328, 549-55	4.7	53
215	Synthesis and pharmacological activity of deltorphin and dermorphin-related glycopeptides. *Journal of Medicinal Chemistry*, **1997**, 40, 2948-52	8.3	53
214	Pharmacological profile of nociceptin/orphanin FQ receptors. *Clinical and Experimental Pharmacology and Physiology*, **2002**, 29, 223-8	3	53
213	Synthesis and biological activity of human neuropeptide S analogues modified in position 5: identification of potent and pure neuropeptide S receptor antagonists. *Journal of Medicinal Chemistry*, **2009**, 52, 524-9	8.3	52
212	Urantide mimics urotensin-II induced calcium release in cells expressing recombinant UT receptors. *European Journal of Pharmacology*, **2004**, 498, 83-6	5.3	51
211	Pharmacological profiles of presynaptic nociceptin/orphanin FQ receptors modulating 5-hydroxytryptamine and noradrenaline release in the rat neocortex. *British Journal of Pharmacology*, **2003**, 138, 91-8	8.6	50
210	Characterization of the locomotor activity-inhibiting effect of nociceptin/orphanin FQ in mice. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2001**, 363, 161-5	3.4	49
209	[Arg(14),Lys(15)]nociceptin, a highly potent agonist of the nociceptin/orphanin FQ receptor: in vitro and in vivo studies. *Journal of Pharmacology and Experimental Therapeutics*, **2002**, 300, 57-63	4.7	49
208	Synthesis and biological activity of nociceptin/orphanin FQ analogues substituted in position 7 or 11 with Calpha,alpha-dialkylated amino acids. *Bioorganic and Medicinal Chemistry*, **2007**, 15, 4434-43	3.4	48
207	A new ligand for the urotensin II receptor. *British Journal of Pharmacology*, **2002**, 137, 311-4	8.6	48
206	Further studies on the pharmacological profile of the neuropeptide S receptor antagonist SHA 68. *Peptides*, **2010**, 31, 915-25	3.8	47
205	CuII binding sites located at His-96 and His-111 of the human prion protein: thermodynamic and spectroscopic studies on model peptides. *Dalton Transactions*, **2008**, 5207-19	4.3	47

204	Neuropeptide S: a novel regulator of pain-related amygdala plasticity and behaviors. *Journal of Neurophysiology*, **2013**, 110, 1765-81	3.2	44
203	Selective breeding for high anxiety introduces a synonymous SNP that increases neuropeptide S receptor activity. *Journal of Neuroscience*, **2015**, 35, 4599-613	6.6	43
202	Pharmacological characterization of cebranopadol a novel analgesic acting as mixed nociceptin/orphanin FQ and opioid receptor agonist. *Pharmacology Research and Perspectives*, **2016**, 4, e00247	3.1	43
201	Conversion of enkephalin and dermorphin into delta-selective opioid antagonists by single-residue substitution. *FEBS Journal*, **1994**, 224, 241-7		42
200	Blockade of nociceptin/orphanin FQ transmission in rat substantia nigra reverses haloperidol-induced akinesia and normalizes nigral glutamate release. *Journal of Neurochemistry*, **2004**, 91, 1501-4	6	41
199	Effects of Ro 64-6198 in nociceptin/orphanin FQ-sensitive isolated tissues. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2001**, 363, 551-5	3.4	41
198	Pharmacological characterization of the nociceptin receptor which mediates reduction of alcohol drinking in rats. *Peptides*, **2002**, 23, 117-25	3.8	41
197	Design of δ-opioid peptide antagonists for emerging drug applications. *Drug Discovery Today*, **1998**, 3, 284-294	8.8	40
196	Opioid receptor selectivity alteration by single residue replacement: synthesis and activity profile of [Dmt1]deltorphin B. *European Journal of Pharmacology*, **1996**, 302, 37-42	5.3	39
195	Urodynamic effects of intravesical nociceptin/orphanin FQ in neurogenic detrusor overactivity: a randomized, placebo-controlled, double-blind study. *Urology*, **2003**, 61, 946-50	1.6	38
194	URODYNAMIC AND CLINICAL EVIDENCE OF ACUTE INHIBITORY EFFECTS OF INTRAVESICAL NOCICEPTIN/ORPHANIN FQ ON DETRUSOR OVERACTIVITY IN HUMANS: A PILOT STUDY. *Journal of Urology*, **2001**, 166, 2237-2240	2.5	38
193	Opioid diketopiperazines: synthesis and activity of a prototypic class of opioid antagonists. *Biological Chemistry*, **1997**, 378, 19-29	4.5	37
192	Solution structure of ZASP PDZ domain; implications for sarcomere ultrastructure and enigma family redundancy. *Structure*, **2004**, 12, 611-22	5.2	37
191	Structure-activity relationships of nociceptin and related peptides: comparison with dynorphin A. *Peptides*, **2000**, 21, 923-33	3.8	37
190	Copper complexes of glycyl-histidyl-lysine and two of its synthetic analogues: chemical behaviour and biological activity. *Biochimica Et Biophysica Acta - General Subjects*, **2001**, 1526, 199-210	4	37
189	Structure-activity studies of the Phe(4) residue of nociceptin(1-13)-NH(2): identification of highly potent agonists of the nociceptin/orphanin FQ receptor. *Journal of Medicinal Chemistry*, **2001**, 44, 3956-64	6.3	37
188	Calmodulin binding sites of the skeletal, cardiac, and brain ryanodine receptor Ca2+ channels: modulation by the catalytic subunit of cAMP-dependent protein kinase?. *Biochemistry*, **1995**, 34, 5120-9	3.2	37
187	The nociceptin/orphanin FQ receptor antagonist, [Nphe1]NC(1-13)NH2, potentiates morphine analgesia. *NeuroReport*, **2000**, 11, 2369-72	1.7	36

186	Glycation affects fibril formation of Aβ peptides. *Journal of Biological Chemistry*, **2018**, 293, 13100-13111	5.4	35
185	Nociceptin/orphanin FQ receptor agonists attenuate L-DOPA-induced dyskinesias. *Journal of Neuroscience*, **2012**, 32, 16106-19	6.6	34
184	[(pF)Phe4,Arg14,Lys15]N/OFQ-NH2 (UFP-102), a highly potent and selective agonist of the nociceptin/orphanin FQ receptor. *Journal of Pharmacology and Experimental Therapeutics*, **2005**, 312, 1114-23	4.7	34
183	Anxiolytic- and panicolytic-like effects of Neuropeptide S in the mouse elevated T-maze. *European Journal of Neuroscience*, **2012**, 36, 3531-7	3.5	33
182	UFP-112 a potent and long-lasting agonist selective for the Nociceptin/Orphanin FQ receptor. *CNS Neuroscience and Therapeutics*, **2011**, 17, 178-98	6.8	33
181	The nociceptin/orphanin FQ-NOP receptor antagonist effects on an animal model of sepsis. *Intensive Care Medicine*, **2008**, 34, 2284-90	14.5	33
180	Synthesis and antimicrobial activity of dermaseptin S1 analogues. *Bioorganic and Medicinal Chemistry*, **2008**, 16, 8205-9	3.4	33
179	Identification of an achiral analogue of J-113397 as potent nociceptin/orphanin FQ receptor antagonist. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 692-704	3.4	33
178	Endogenous nociceptin signaling and stress-induced analgesia. *NeuroReport*, **2001**, 12, 3009-13	1.7	33
177	The paraventricular nucleus of the hypothalamus is a neuroanatomical substrate for the inhibition of palatable food intake by neuropeptide S. *European Journal of Neuroscience*, **2009**, 30, 1594-602	3.5	32
176	Proinflammatory and vasodilator effects of nociceptin/orphanin FQ in the rat mesenteric microcirculation are mediated by histamine. *American Journal of Physiology - Heart and Circulatory Physiology*, **2007**, 293, H2977-85	5.2	32
175	Effects of nociceptin/orphanin FQ receptor ligands on blood pressure, heart rate, and plasma catecholamine concentrations in guinea pigs. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2003**, 367, 342-7	3.4	32
174	Structure-activity relationship study on human urotensin II. *Journal of Peptide Science*, **2005**, 11, 85-90	2.1	32
173	Hypothalamic neuropeptide S receptor blockade decreases discriminative cue-induced reinstatement of cocaine seeking in the rat. *Psychopharmacology*, **2013**, 226, 347-55	4.7	30
172	Daily intravesical instillation of 1 mg nociceptin/orphanin FQ for the control of neurogenic detrusor overactivity: a multicenter, placebo controlled, randomized exploratory study. *Journal of Urology*, **2006**, 176, 2098-102	2.5	30
171	Gastrointestinal effects of intracerebroventricularly injected nociceptin/orphaninFQ in rats. *Peptides*, **2004**, 25, 1013-20	3.8	30
170	Structure-activity studies on nociceptin/orphanin FQ: from full agonist, to partial agonist, to pure antagonist. *Il Farmaco*, **1999**, 54, 810-25		30
169	In vitro and in vivo pharmacological characterization of the novel UT receptor ligand [Pen5,DTrp7,Dab8]urotensin II(4-11) (UFP-803). *British Journal of Pharmacology*, **2006**, 147, 92-100	8.6	29

168	Design and synthesis of 1-aminocycloalkane-1-carboxylic acid-substituted deltorphin analogues: unique delta and mu opioid activity in modified peptides. *Journal of Medicinal Chemistry*, **1996**, 39, 773-80	8.3	29
167	Nociceptin modulates bronchoconstriction induced by sensory nerve activation in mouse lung. *American Journal of Respiratory Cell and Molecular Biology*, **2010**, 42, 250-4	5.7	28
166	Pharmacological characterization of the nociceptin/orphanin FQ receptor non peptide antagonist Compound 24. *European Journal of Pharmacology*, **2009**, 614, 50-7	5.3	28
165	Opioid diketopiperazines: refinement of the delta opioid antagonist pharmacophore. *Biological Chemistry*, **1997**, 378, 107-14	4.5	28
164	UFP-101 antagonizes the spinal antinociceptive effects of nociceptin/orphanin FQ: behavioral and electrophysiological studies in mice. *Peptides*, **2007**, 28, 663-9	3.8	28
163	Studies on the antinociceptive effect of [Nphe1]nociceptin(1-13)NH2 in mice. *Neuroscience Letters*, **2001**, 316, 25-8	3.3	28
162	Antidepressant activity of nociceptin/orphanin FQ receptor antagonists in the mouse learned helplessness. *Psychopharmacology*, **2016**, 233, 2525-32	4.7	27
161	Unexpected impact of the number of glutamine residues on metal complex stability. *Metallomics*, **2013**, 5, 214-21	4.5	27
160	Blockade of nociceptin/orphanin FQ receptor signaling reverses LPS-induced depressive-like behavior in mice. *Peptides*, **2015**, 72, 95-103	3.8	27
159	Activation of the nociceptin/orphanin FQ receptor reduces bronchoconstriction and microvascular leakage in a rabbit model of gastroesophageal reflux. *British Journal of Pharmacology*, **2005**, 144, 813-20	8.6	26
158	Functional selectivity of nociceptin/orphanin FQ peptide receptor partial agonists on cardiovascular and renal function. *Journal of Pharmacology and Experimental Therapeutics*, **2005**, 314, 643-51	4.7	26
157	Identification of a novel 45 kDa protein (JP-45) from rabbit sarcoplasmic-reticulum junctional-face membrane. *Biochemical Journal*, **2000**, 351, 537-543	3.8	26
156	Polymorphonuclear neutrophils pulsed with synthetic peptides efficiently activate memory cytotoxic T lymphocytes. *Journal of Leukocyte Biology*, **1996**, 60, 207-13	6.5	26
155	Rational design of dynorphin A analogues with delta-receptor selectivity and antagonism for delta- and kappa-receptors. *Bioorganic and Medicinal Chemistry*, **1998**, 6, 57-62	3.4	25
154	Synthesis and biological activity of human neuropeptide S analogues modified in position 2. *Journal of Medicinal Chemistry*, **2008**, 51, 655-8	8.3	25
153	Pharmacological characterisation of [(pX)Phe4]nociceptin(1-13)amide analogues. 1. In vitro studies. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2002**, 365, 442-9	3.4	25
152	Modeling of overloaded gradient elution of nociceptin/orphanin FQ in reversed-phase liquid chromatography. *Journal of Chromatography A*, **2005**, 1079, 162-72	4.5	25
151	Parallel bioassay of 39 tachykinins on 11 smooth muscle preparations. Structure and receptor selectivity/affinity relationship. *Peptides*, **2000**, 21, 1587-95	3.8	25

150	A novel and facile synthesis of tetra branched derivatives of nociceptin/orphanin FQ. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 3703-12	3.4	24
149	The coordination of NiII and Cu(II) ions to the polyhistidyl motif of Hpn protein: is it as strong as we think?. *Chemistry - A European Journal*, **2012**, 18, 11088-99	4.8	24
148	Further studies at neuropeptide s position 5: discovery of novel neuropeptide S receptor antagonists. *Journal of Medicinal Chemistry*, **2009**, 52, 4068-71	8.3	24
147	In vitro and in vivo pharmacological characterization of the nociceptin/orphanin FQ receptor ligand Ac-RYYRIK-ol. *European Journal of Pharmacology*, **2006**, 539, 39-48	5.3	24
146	N- and C-terminal modifications of nociceptin/orphanin FQ generate highly potent NOP receptor ligands. *Journal of Medicinal Chemistry*, **2005**, 48, 1421-7	8.3	24
145	Inverse agonism by Dmt-Tic analogues and HS 378, a naltrindole analogue. *European Journal of Pharmacology*, **2000**, 406, R1-3	5.3	24
144	Nociceptin receptor activation inhibits tachykinergic non adrenergic non cholinergic contraction of guinea pig isolated bronchus. *Life Sciences*, **1999**, 64, PL157-63	6.8	24
143	Copper-ion interaction with the 106-113 domain of the prion protein: a solution-equilibria study on model peptides. *Dalton Transactions*, **2005**, 2876-85	4.3	23
142	Pharmacological characterisation of [(pX)Phe4]nociceptin(1-13)NH2 analogues. 2. In vivo studies. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2002**, 365, 450-6	3.4	23
141	Selective amino acid substitutions of a subdominant Epstein-Barr virus LMP2-derived epitope increase HLA/peptide complex stability and immunogenicity: implications for immunotherapy of Epstein-Barr virus-associated malignancies. *European Journal of Immunology*, **1999**, 29, 2579-89	6.1	23
140	Dmt-Tic-OH a highly selective and potent delta-opioid dipeptide receptor antagonist after systemic administration in the mouse. *Life Sciences*, **1996**, 59, PL93-8	6.8	23
139	Nociceptin/orphanin FQ modulates motor behavior and primary motor cortex output through receptors located in substantia nigra reticulata. *Neuropsychopharmacology*, **2009**, 34, 341-55	8.7	22
138	The complex-formation behaviour of His residues in the fifth Cu2+ binding site of human prion protein: a close look. *New Journal of Chemistry*, **2009**, 33, 2300	3.6	22
137	The SH3 domain of nebulin binds selectively to type II peptides: theoretical prediction and experimental validation. *Journal of Molecular Biology*, **2002**, 316, 305-15	6.5	22
136	Studies of the cardiovascular effects of nociceptin and related peptides. *Peptides*, **2000**, 21, 985-93	3.8	22
135	Opioid pseudopeptides containing heteroaromatic or heteroaliphatic nuclei. *Peptides*, **2000**, 21, 1663-71	3.8	22
134	Effects of nociceptinNH2 and [Nphe1]nociceptin(1-13)NH2 on rat brain noradrenaline release in vivo and in vitro. *Neuroscience Letters*, **2001**, 303, 173-6	3.3	22
133	Structure-activity studies on the nociceptin/orphanin FQ receptor antagonist 1-benzyl-N-{3-[spiroisobenzofuran-1(3H),4′-piperidin-1-yl]propyl} pyrrolidine-2-carboxamide. *Bioorganic and Medicinal Chemistry*, **2009**, 17, 5080-95	3.4	21

132	Design and solution structure of a partially rigid opioid antagonist lacking the basic center--models of antagonism. *FEBS Journal*, **1997**, 247, 66-73		21
131	Nociceptin/orphanin FQ prevents ethanol-induced gastric lesions in the rat. *Regulatory Peptides*, **2005**, 124, 203-7		21
130	Peripheral mechanisms involved in gastric mucosal protection by intracerebroventricular and intraperitoneal nociceptin in rats. *Endocrinology*, **2005**, 146, 3861-7	4.8	21
129	Assessment of substitution in the second pharmacophore of Dmt-Tic analogues. *Bioorganic and Medicinal Chemistry Letters*, **2000**, 10, 2745-8	2.9	21
128	Characterisation of the Novel Mixed Mu-NOP Peptide Ligand Dermorphin-N/OFQ (DeNo). *PLoS ONE*, **2016**, 11, e0156897	3.7	21
127	Effects of [Nphe, Arg, Lys] N/OFQ-NH (UFP-101), a potent NOP receptor antagonist, on molecular, cellular and behavioural alterations associated with chronic mild stress. *Journal of Psychopharmacology*, **2017**, 31, 691-703	4.6	20
126	Preparation and first biological evaluation of novel Re-188/Tc-99m peptide conjugates with substance-P. *Applied Radiation and Isotopes*, **2014**, 92, 25-31	1.7	20
125	Effect of neuropeptide S receptor antagonists and partial agonists on palatable food consumption in the rat. *Peptides*, **2011**, 32, 44-50	3.8	20
124	Acid catalysis in the formation of dioxopiperazines from peptides containing tetrahydroisoquinoline-3-carboxylic acid at position 2. *International Journal of Peptide and Protein Research*, **1995**, 45, 567-73		20
123	Helix-inducing alpha-aminoisobutyric acid in opioid mimetic deltorphin C analogues. *Journal of Medicinal Chemistry*, **1997**, 40, 2579-87	8.3	20
122	Conformation-activity relationship of neuropeptide S and some structural mutants: helicity affects their interaction with the receptor. *Journal of Medicinal Chemistry*, **2007**, 50, 4501-8	8.3	20
121	Nociceptin/orphanin FQ (N/OFQ) modulates immunopathology and airway hyperresponsiveness representing a novel target for the treatment of asthma. *British Journal of Pharmacology*, **2016**, 173, 1286-301	8.6	19
120	Nociceptin/orphanin FQ receptor activation decreases the airway hyperresponsiveness induced by allergen in sensitized mice. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2013**, 304, L657-64	5.8	19
119	Synthesis and separation of the enantiomers of the neuropeptide S receptor antagonist (9R/S)-3-oxo-1,1-diphenyl-tetrahydro-oxazolo[3,4-a]pyrazine-7-carboxylic acid 4-fluoro-benzylamide (SHA 68). *Journal of Medicinal Chemistry*, **2011**, 54, 2738-44	8.3	19
118	Blockade of adenosine A2A receptor counteracts neuropeptide-S-induced hyperlocomotion in mice. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2010**, 381, 153-60	3.4	19
117	Cell and tissue responses of a range of Urotensin II analogs at cloned and native urotensin II receptors. Evidence for coupling promiscuity. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2006**, 373, 148-57	3.4	19
116	Direct influence of C-terminally substituted amino acids in the Dmt-Tic pharmacophore on delta-opioid receptor selectivity and antagonism. *Journal of Medicinal Chemistry*, **2004**, 47, 4066-71	8.3	19
115	Supraspinal and spinal effects of [Phe1psi(CH2-NH)Gly2]-nociceptin(1-13)-NH2 on nociception in the rat. *Life Sciences*, **2000**, 66, 257-64	6.8	19

114	Pharmacological studies on the NOP and opioid receptor agonist PWT2-[Dmt]N/OFQ(1-13). *European Journal of Pharmacology*, **2017**, 794, 115-126	5.3	18
113	Ligands raise the constraint that limits constitutive activation in G protein-coupled opioid receptors. *Journal of Biological Chemistry*, **2013**, 288, 23964-78	5.4	18
112	[Nphe(1)]N/OFQ-(1-13)-NH(2) is a competitive and selective antagonist at nociceptin/orphanin FQ receptors mediating K(+) channel activation in rat periaqueductal gray slices. *Neuropharmacology*, **2002**, 42, 246-52	5.5	18
111	Acute and subchronic antinociceptive effects of nociceptin/orphanin FQ receptor agonists infused by intrathecal route in rats. *European Journal of Pharmacology*, **2015**, 754, 73-81	5.3	17
110	The unusual metal ion binding ability of histidyl tags and their mutated derivatives. *Dalton Transactions*, **2016**, 45, 5629-39	4.3	17
109	Optimization of peptides that target human thymidylate synthase to inhibit ovarian cancer cell growth. *Journal of Medicinal Chemistry*, **2014**, 57, 1355-67	8.3	17
108	In vitro pharmacological characterization of a novel unbiased NOP receptor-selective nonpeptide agonist AT-403. *Pharmacology Research and Perspectives*, **2017**, 5, e00333	3.1	17
107	Thermodynamic and spectroscopic investigation on the role of Met residues in Cu(II) binding to the non-octarepeat site of the human prion protein. *Metallomics*, **2012**, 4, 794-806	4.5	17
106	Nociceptin/orphanin FQ prevents gastric damage induced by cold-restraint stress in the rat by acting in the periphery. *Peptides*, **2007**, 28, 1572-9	3.8	17
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