Rosario Gonzalez-MuÃ‘iz

List of Publications by Year
in descending order

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146 papers	2,510 citations	201575 27 h-index	289141 40 g-index
155 all docs	155 docs citations	155 times ranked	2613 citing authors

#	Article	IF	Citations
1	Identification, functional gastrointestinal stability and molecular docking studies of lentil peptides with dual antioxidant and angiotensin I converting enzyme inhibitory activities. Food Chemistry, 2017, 221, 464-472.	4.2	114
2	Advances in modulating thermosensory TRP channels. Expert Opinion on Therapeutic Patents, 2012, 22, 999-1017.	2.4	91
3	Modulation of Protein-Protein Interactions by Stabilizing/Mimicking Protein Secondary Structure Elements. Current Topics in Medicinal Chemistry, 2007, 7, 33-62.	1.0	77
4	Entry to New Conformationally Constrained Amino Acids. First Synthesis of 3-Unsubstituted 4-Alkyl-4-carboxy-2-azetidinone Derivatives via an IntramolecularNÎ±-CÎ±-Cyclization Strategy. Journal of Organic Chemistry, 2001, 66, 3538-3547.	1.7	72
5	Recent Progress in TRPM8 Modulation: An Update. International Journal of Molecular Sciences, 2019, 20, 2618.	1.8	71
6	An Update on the Synthesis of β-Lactams. Current Organic Synthesis, 2009, 6, 325-341.	0.7	62
7	IBTM-Containing Gramicidin S Analogues:â€‰ Evidence for IBTM as a Suitable Type IIâ€˜ Î²-Turn Mimetic1,2. Journal of the American Chemical Society, 1997, 119, 10579-10586.	6.6	57
8	Synthesis and anti-HCMV activity of 1-acyl-Î²-lactams and 1-acylazetidines derived from phenylalanine. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 2253-2256.	1.0	55
9	From 1-Acyl-Î²-lactam Human Cytomegalovirus Protease Inhibitors to 1-Benzyloxycarbonylazetidines with Improved Antiviral Activity. A Straightforward Approach To Convert Covalent to Noncovalent Inhibitors. Journal of Medicinal Chemistry, 2005, 48, 2612-2621.	2.9	49
10	Transient Receptor Potential Melastatin 8 Channel (TRPM8) Modulation: Cool Entryway for Treating Pain and Cancer. Journal of Medicinal Chemistry, 2016, 59, 10006-10029.	2.9	48
11	A role for ring-closing metathesis in medicinal chemistry: Mimicking secondary architectures in bioactive peptides. Medicinal Research Reviews, 2011, 31, 677-715.	5.0	41
12	Pharmacological evaluation of IQM-95,333, a highly selective CCKA receptor antagonist with anxiolytic-like activity in animal models. British Journal of Pharmacology, 1997, 121, 759-767.	2.7	40
13	Azetidine-Derived Amino Acids versus Proline Derivatives. Alternative Trends in Reverse Turn Induction. Journal of Organic Chemistry, 2008, 73, 1704-1715.	1.7	40
14	Tryptamine-Based Derivatives as Transient Receptor Potential Melastatin Type 8 (TRPM8) Channel Modulators. Journal of Medicinal Chemistry, 2016, 59, 2179-2191.	2.9	40
15	Repurposing ciclopirox as a pharmacological chaperone in a model of congenital erythropoietic porphyria. Science Translational Medicine, 2018, 10, .	5.8	38
16	Î²-Turned Dipeptoids as Potent and Selective CCK1 Receptor Antagonists. Journal of Medicinal Chemistry, 2000, 43, 3770-3777.	2.9	37
17	Regio- and enantioselectivity of the Candida antarctica lipase catalyzed amidations of Cbz-l- and Cbz-d-glutamic acid diesters. Tetrahedron: Asymmetry, 1995, 6, 2343-2352.	1.8	36
18	2-Amino-3-oxohexahydroindolizino[8,7-b]indole-5-carboxylate derivatives as new scaffolds for mimicking Î²-turn secondary structures. Molecular dynamics and stereoselective synthesis. Tetrahedron, 1995, 51, 7841-7856.	1.0	36

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19	Simple access to novel azetidine-containing conformationally restricted amino acids by chemoselective reduction of Î²-lactams. Tetrahedron Letters, 2004, 45, 2193-2196.	0.7	36
20	Disulfide Bonds versus Trpâ‹…â‹…â‹…Trp Pairs in Irregular Î²â€Hairpins: NMR Structure of Vammin Loop 3â€Derived Peptides as a Case Study. ChemBioChem, 2009, 10, 902-910.	1.3	36
21	General Approach for the Stereocontrolled Construction of the Î²-Lactam Ring in Amino Acid-Derived 4-Alkyl-4-carboxy-2-azetidinones. Journal of Organic Chemistry, 2002, 67, 3953-3956.	1.7	35
22	Memory of chirality in the stereoselective synthesis of Î²-lactams: importance of the starting amino acid derivative. Tetrahedron: Asymmetry, 2003, 14, 2161-2169.	1.8	35
23	Synthesis and Stereochemical Structureâ^'Activity Relationships of 1,3-Dioxoperhydropyrido[1,2-c]pyrimidine Derivatives:â€‰ Potent and Selective Cholecystokinin-A Receptor Antagonists. Journal of Medicinal Chemistry, 1997, 40, 3402-3407.	2.9	34
24	Quaternary Î±,Î±-2-Oxoazepane Î±-Amino Acids: Synthesis from Ornithine-Derived Î²-Lactams and Incorporation into Model Dipeptides. Journal of Organic Chemistry, 2011, 76, 6592-6603.	1.7	33
25	Exceptional Stereoselectivity in the Synthesis of 1,3,4-Trisubstituted 4-Carboxy Î²-Lactam Derivatives from Amino Acids. Organic Letters, 2007, 9, 1593-1596.	2.4	32
26	Î²-Lactams derived from phenylalanine and homologues: effects of the distance between the aromatic rings and the Î±-stereogenic reactive center on the memory of chirality. Tetrahedron Letters, 2006, 47, 5883-5887.	0.7	31
27	Investigational drugs in early phase clinical trials targeting thermotransient receptor potential (thermoTRP) channels. Expert Opinion on Investigational Drugs, 2020, 29, 1209-1222.	1.9	30
28	The Parkinson's diseaseâ€associated <scp>GPR</scp>37 receptorâ€mediated cytotoxicity is controlled by its intracellular cysteineâ€rich domain. Journal of Neurochemistry, 2013, 125, 362-372.	2.1	28
29	A simple and versatile route to ketomethylene dipeptide analogs. Tetrahedron Letters, 1988, 29, 1577-1580.	0.7	27
30	Helical peptides from VEGF and Vammin hotspots for modulating the VEGFâ€“VEGFR interaction. Organic and Biomolecular Chemistry, 2013, 11, 1896.	1.5	27
31	The neuroprotective activity of GPE tripeptide analogues does not correlate with glutamate receptor binding affinity. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 3396-3400.	1.0	26
32	Analogues of the neuroprotective tripeptide Gly-Pro-Glu (GPE): synthesis and structureâ€“activity relationships. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 2279-2283.	1.0	25
33	New Gly-Pro-Glu (GPE) analogues: Expedite solid-phase synthesis and biological activity. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 1392-1396.	1.0	24
34	Recent progress in non-opioid analgesic peptides. Archives of Biochemistry and Biophysics, 2018, 660, 36-52.	1.4	24
35	TRPM8 Channels: Advances in Structural Studies and Pharmacological Modulation. International Journal of Molecular Sciences, 2021, 22, 8502.	1.8	24
36	Stereoselective synthesis of amino acid-derived Î²-lactams. Experimental evidence for TADDOL as a memory of chirality enhancer. Tetrahedron, 2006, 62, 130-138.	1.0	23

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37	Chalcones as positive allosteric modulators of Î±7 nicotinic acetylcholine receptors: A new target for a privileged structure. European Journal of Medicinal Chemistry, 2014, 86, 724-739.	2.6	23
38	Combination of Molecular Modeling, Site-Directed Mutagenesis, and SAR Studies To Delineate the Binding Site of Pyridopyrimidine Antagonists on the Human CCK1 Receptor. Journal of Medicinal Chemistry, 2005, 48, 4842-4850.	2.9	22
39	Disulfide and amide-bridged cyclic peptide analogues of the VEGF81â€“91 fragment: Synthesis, conformational analysis and biological evaluation. Bioorganic and Medicinal Chemistry, 2011, 19, 7526-7533.	1.4	22
40	Parallel solid-phase synthesis of a small library of linear and hydrocarbon-bridged analogues of VEGF81â€“91: Potential biological tools for studying the VEGF/VEGFR-1 interaction. Bioorganic and Medicinal Chemistry, 2011, 19, 1978-1986.	1.4	21
41	Modulating Proteinâ€“Protein Interactions by Cyclic and Macrocyclic Peptides. Prominent Strategies and Examples. Molecules, 2021, 26, 445.	1.7	21
42	Ketomethylene and Methyleneamino Pseudopeptide Analogues of Insect Allatostatins Inhibit Juvenile Hormone and Vitellogenin Production in the Cockroach Blattella germanica. Insect Biochemistry and Molecular Biology, 1997, 27, 851-858.	1.2	20
43	Synthesis of ketomethylene dipeptides containing basic amino acid analogues at c-terminus. Tetrahedron, 1988, 44, 5131-5138.	1.0	19
44	Further Evidence for 2-Alkyl-2-carboxyazetidines as Î³-Turn Inducers. Journal of Organic Chemistry, 2009, 74, 8203-8211.	1.7	19
45	Modulating Mineralocorticoid Receptor with Non-steroidal Antagonists. New Opportunities for the Development of Potent and Selective Ligands without Off-Target Side Effects. Journal of Medicinal Chemistry, 2017, 60, 2629-2650.	2.9	19
46	Small Library of Triazolyl Polyphenols Correlating Antioxidant Activity and Stability with Number and Position of Hydroxyl Groups. ACS Combinatorial Science, 2018, 20, 694-699.	3.8	19
47	Ketomethylene and (Cyanomethylene)amino Pseudopeptide Analogs of the C-Terminal Hexapeptide of Neurotensin. Journal of Medicinal Chemistry, 1995, 38, 1015-1021.	2.9	18
48	Conformationally Constrained CCK4 Analogues Incorporating IBTM and BTD Î²-Turn Mimetics. Journal of Medicinal Chemistry, 2005, 48, 7667-7674.	2.9	18
49	Analgesic dipeptide derivatives. 4. Linear and cyclic analogs of the analgesic compounds arginyl-2-[(o-nitrophenyl)sulfenyl]tryptophan and lysyl-2-[(o-nitrophenyl)sulfenyl]tryptophan. Journal of Medicinal Chemistry, 1988, 31, 295-300.	2.9	17
50	Synthesis of 2-substituted 8-amino-3-oxoindolizidine-2-carboxylic acid derivatives as peptide conformation mimetics. Tetrahedron, 1992, 48, 5191-5198.	1.0	17
51	Easy access to orthogonally protected Î±-alkyl aspartic acid and Î±-alkyl asparagine derivatives by controlled opening of Î²-lactams. Tetrahedron Letters, 2003, 44, 6145-6148.	0.7	17
52	Solid phase synthesis of a fully active analogue of cholecystokinin using the acidâ€stable Bocâ€Phe (pâ€CH₂) SO₃H as a substitute for Bocâ€Tyr(SO₃H) in CCK₈. International Journal of Peptide and Protein Research, 1991, 37, 331-340.	0.1	17
53	Pseudopeptide CCK-4 analogues incorporating the Î¨[CH(CN)NH] peptide bond surrogate. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 855-860.	1.0	16
54	5-(Tryptophyl)amino-1,3-dioxoperhydropyrido[1,2-c]pyrimidine-Based Potent and Selective CCK1 Receptor Antagonists:â€‰ Structureâ€Activity Relationship Studies on the Central 1,3-Dioxoperhydropyrido[1,2-c]pyrimidine Scaffold. Journal of Medicinal Chemistry, 2001, 44, 4196-4206.	2.9	16

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55	Optically active 1,3,4,4-tetrasubstituted Î²-lactams: Synthesis and evaluation as tumor cell growth inhibitors. European Journal of Medicinal Chemistry, 2011, 46, 5108-5119.	2.6	16
56	De Novo Designed Library of Linear Helical Peptides: An Exploratory Tool in the Discovery of Proteinâ€“Protein Interaction Modulators. ACS Combinatorial Science, 2014, 16, 250-258.	3.8	16
57	Boc-Trp-Orn(Z)-Asp-NH2 and derivatives: a new family of CCK antagonists. Journal of Medicinal Chemistry, 1990, 33, 3199-3204.	2.9	15
58	A facile synthesis of 8-amino-3-oxoindolizidine derivatives as conformationally restricted ornithyl pseudodipeptides. Tetrahedron Letters, 1991, 32, 1089-1092.	0.7	15
59	Highly constrained dipeptoid analogues containing a type IIâ€² Î²-turn mimic as novel and selective CCK-A receptor ligands. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 43-48.	1.0	15
60	Simple, Highly Enantioselective Access to Quaternary 1,3,4,4â€Tetrasubstituted Î²â€Lactams from Amino Acids: A Solidâ€Phase Approach. Advanced Synthesis and Catalysis, 2008, 350, 2279-2285.	2.1	15
61	From theoretical calculations to the enantioselective synthesis of a 1,3,4-trisubstituted Gly-derived 2-azetidinone. Tetrahedron Letters, 2008, 49, 215-218.	0.7	15
62	Stereoselective reductive amination of Î²-keto esters derived from dipeptides. Stereochemical and mechanistic studies on the formation of 5-carboxymethyl-2-oxopiperazine derivatives. Tetrahedron, 1999, 55, 15001-15010.	1.0	14
63	2-Alkyl-2-carboxy-azetidines as scaffolds for the induction of Î³-turns. Tetrahedron Letters, 2007, 48, 3689-3693.	0.7	14
64	Synthesis and SAR studies on azetidine-containing dipeptides as HCMV inhibitors. Bioorganic and Medicinal Chemistry, 2011, 19, 1155-1161.	1.4	14
65	Studies on N-deprotection of Ï^(CH2NH) pseudodipeptide methyl esters. Cyclization to 2-ketopiperazines. Journal of the Chemical Society Perkin Transactions 1, 1991, , 3117-3120.	0.9	13
66	Strategies for Design of Non Peptide CCK1R Agonist/Antagonist Ligands. Current Topics in Medicinal Chemistry, 2007, 7, 1180-1194.	1.0	13
67	Azepane Quaternary Amino Acids As Effective Inducers of 3₁₀ Helix Conformations. Journal of Organic Chemistry, 2012, 77, 9833-9839.	1.7	13
68	Antinociceptive effects in rodents of the dipeptide Lys-Trp (Nps) and related compounds. Peptides, 1986, 7, 39-43.	1.2	12
69	Analgesic dipeptide derivatives. 3. Synthesis and structure-activity relationships of o-nitrophenyl-modified analogs of the analgesic compound H-Lys-Trp(NPS)-OMe. Journal of Medicinal Chemistry, 1987, 30, 1658-1663.	2.9	12
70	3,6-dioxoperhydropyrrolo[1,2-a]pyrazines. A new approach to conformationally restricted tripeptides. Tetrahedron Letters, 1992, 33, 2187-2190.	0.7	12
71	Chiral 1,3,6-trisubstituted 2,4-dioxohexahydropyrimidines: a convenient stereoselective synthesis from aspartic acid derivatives. Tetrahedron Letters, 2007, 48, 3613-3616.	0.7	12
72	1,3-diphenylpropan-1-ones as allosteric modulators of Î±7 nACh receptors with analgesic and antioxidant properties. Future Medicinal Chemistry, 2016, 8, 731-749.	1.1	12

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73	Stereospecific synthesis of (2R,3S)-3-amino-2-piperidineacetic acid derivatives for use as conformational constraint in peptides. Tetrahedron Letters, 1993, 34, 3593-3594.	0.7	11
74	5-(Tryptophyl)amino-1,3-dioxoperhydropyrido[1,2-c]pyrimidine-Based Potent and Selective CCK1Receptor Antagonists:Â Structural Modifications at the Tryptophan Domain. Journal of Medicinal Chemistry, 1999, 42, 4659-4668.	2.9	11
75	Exploring solid-phase approaches for the preparation of new Â-lactams from amino acids. Molecular Diversity, 2000, 6, 75-84.	2.1	11
76	Cyclic amino acid linkers stabilizing key loops of brain derived neurotrophic factor. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 444-448.	1.0	11
77	Synthesis, high-throughput screening and pharmacological characterization of Î²â€“lactam derivatives as TRPM8 antagonists. Scientific Reports, 2017, 7, 10766.	1.6	11
78	1-(2â€²,5â€²-Dihydroxyphenyl)-3-(2-fluoro-4-hydroxyphenyl)-1-propanone (RGM079): A Positive Allosteric Modulator of Î±7 Nicotinic Receptors with Analgesic and Neuroprotective Activity. ACS Chemical Neuroscience, 2019, 10, 3900-3909.	1.7	11
79	2(S)-amino-3-oxo-11b(R)-hexahydroindolizino[8,7-b]indole-5(S)-carboxylate as a new type of Î²-turn dipeptide mimetic. Journal of the Chemical Society Chemical Communications, 1994, , 613-614.	2.0	10
80	Similarity Study on Peptide ?-turn Conformation Mimetics. Journal of Molecular Modeling, 1996, 2, 16-25.	0.8	10
81	5-(Tryptophyl)amino-1,3-dioxoperhydropyrido[1,2-c]pyrimidine-Based Potent and Selective CCK1Receptor Antagonists:Â Structureâ^'Activity Relationship Studies on the Substituent at N2-Position. Journal of Medicinal Chemistry, 2001, 44, 2219-2228.	2.9	10
82	Conformationally restricted PACAP27 analogues incorporating type II/IIâ€² IBTM Î²-Turn Mimetics. Synthesis, NMR Structure Determination, and Binding Affinity. Bioorganic and Medicinal Chemistry, 2001, 9, 3173-3183.	1.4	10
83	Effects of the incorporation of IBTM Î²-turn mimetics into the dipeptoid CCK1 receptor agonist PD 170292. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 109-112.	1.0	10
84	Solid-Phase Synthesis of a Library of Amphipatic Hydantoins. Discovery of New Hits for TRPV1 Blockade. ACS Combinatorial Science, 2011, 13, 458-465.	3.8	10
85	Evolution in non-peptide Î±-helix mimetics on the road to effective protein-protein interaction modulators. European Journal of Medicinal Chemistry, 2021, 211, 113015.	2.6	10
86	Branched peptides and conformationally constrained analogues from cyanomethyleneamino pseudopeptides. Tetrahedron Letters, 1996, 37, 2083-2084.	0.7	9
87	Trp-Trp pairs as Î²-hairpin stabilisers: Hydrogen-bonded versus non-hydrogen-bonded sites. Organic and Biomolecular Chemistry, 2011, 9, 5487.	1.5	9
88	Synthesis of highly functionalized Î³-lactam derivatives for use as conformational constraints in peptides. Tetrahedron Letters, 1996, 37, 2471-2474.	0.7	8
89	Old Molecules for New Receptors: Trp(Nps) Dipeptide Derivatives as Vanilloid TRPV1 Channel Blockers. ChemMedChem, 2006, 1, 429-438.	1.6	8
90	TRPV1 modulators: Structureâ€“activity relationships using a rational combinatorial approach. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3541-3545.	1.0	8

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91	Clicked bis-PEG-peptide conjugates for studying calmodulin-Kv7.2 channel binding. Organic and Biomolecular Chemistry, 2014, 12, 8877-8887.	1.5	8
92	Synthesis of cyclic ketomethylene dipeptide derivatives. Tetrahedron, 1992, 48, 2761-2772.	1.0	7
93	Bicyclic lactams as templates for peptidomimetics. Studies on stereoselective synthetic routes to 6-oxoperhydropyrrolo[1,2-a]pyrazines. Tetrahedron, 1996, 52, 13991-14004.	1.0	7
94	Tetramic acids and indole derivatives from amino acid Î²-keto esters. Fine-tuning the conditions of the key Cu-catalyzed reaction. Tetrahedron Letters, 2014, 55, 2142-2145.	0.7	7
95	New transient receptor potential TRPV1, TRPM8 and TRPA1 channel antagonists from a single linear Î²,Î³-diamino ester scaffold. RSC Advances, 2016, 6, 6868-6877.	1.7	7
96	Disrupting VEGFâ€“VEGFR1 Interaction: De Novo Designed Linear Helical Peptides to Mimic the VEGF13-25 Fragment. Molecules, 2017, 22, 1846.	1.7	7
97	Characterization of Novel Synthetic Polyphenols: Validation of Antioxidant and Vasculoprotective Activities. Antioxidants, 2020, 9, 787.	2.2	7
98	Highly functionalized Î²-lactams and 2-ketopiperazines as TRPM8 antagonists with antiallodynic activity. Scientific Reports, 2020, 10, 14154.	1.6	7
99	Synthesis of 8-amino-3-oxoindolizidine-1-carboxylic acid derivatives as conformationally restricted templates for use in design of peptide mimetics. Tetrahedron, 1995, 51, 2729-2736.	1.0	6
100	3,6-dioxoperhydropyrrolo[1,2-a]pyrazines as templates for peptidomimetics. Tetrahedron, 1995, 51, 10361-10374.	1.0	6
101	Stereochemical and mechanistic studies on the formation of the 3-oxoindolizidine skeleton from ornithine derivatives. Journal of the Chemical Society Perkin Transactions 1, 1995, , 2839-2843.	0.9	6
102	CCK-4 restricted analogues containing a 3-oxoindolizidine skeleton. Bioorganic and Medicinal Chemistry Letters, 1996, 6, 967-972.	1.0	6
103	Title is missing!. International Journal of Peptide Research and Therapeutics, 2000, 7, 143-149.	0.1	6
104	Divergent, stereoselective access to heterocyclic Î±,Î±-quaternary- and Î²^{2,3,3}-amino acid derivatives from a N-Pmp-protected Orn-derived Î²-lactam. Organic and Biomolecular Chemistry, 2015, 13, 5195-5201.	1.5	6
105	Amino acid and peptide prodrugs of diphenylpropanones positive allosteric modulators of Î±7 nicotinic receptors with analgesic activity. European Journal of Medicinal Chemistry, 2018, 143, 157-165.	2.6	6
106	Natural Polyhydroxy Flavonoids, Curcuminoids, and Synthetic Curcumin Analogs as Î±7 nAChRs Positive Allosteric Modulators. International Journal of Molecular Sciences, 2021, 22, 973.	1.8	6
107	Amino Acid-derived 4-Alkyl-4-carboxy-2-azetidinones. New Insights into b-Lactam Ring Formation and N-Deprotection. Heterocycles, 2002, 57, 501.	0.4	6
108	Î²â€“Lactam TRPM8 Antagonist RGM8-51 Displays Antinociceptive Activity in Different Animal Models. International Journal of Molecular Sciences, 2022, 23, 2692.	1.8	6

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109	Synthesis of methyl 6-aralkl-2,5-diketopiperidine-3-carboxylates as synthons of conformationally constrained pseudopeptides. Tetrahedron Letters, 1991, 32, 3563-3564.	0.7	5
110	One-pot stereospecific synthesis of 8a-hydroxy- and 8a-alkoxy-2,2,8-trisubstituted-3-oxoindolizidines. Mechanistic studies on the elaboration of the 8a-substituted indolizidine ring. Tetrahedron, 1993, 49, 8911-8918.	1.0	5
111	Solid phase synthesis of Ï`[CH(CN)NH] pseudopeptides. Application to the synthesis of analogues of neurotensin [NT(8â€“13)].. Tetrahedron Letters, 1993, 34, 8357-8360.	0.7	5
112	Pharmacological Study of IQM-97,423, a Potent and Selective CCK₁ Receptor Antagonist with Protective Effect in Experimental Acute Pancreatitis. Pharmacology, 2004, 72, 68-76.	0.9	5
113	Diimine Reduction of C=C Double Bonds: Scope and Limitations of the Application to Solidâ€Phase Peptide Synthesis. European Journal of Organic Chemistry, 2009, 2009, 4149-4157.	1.2	5
114	2-Alkyl-2-carboxyazetidines as Î³-turn inducers: incorporation into neurotrophin fragments. Amino Acids, 2010, 39, 1299-1307.	1.2	5
115	Highly Functionalized 1,2â€“Diamino Compounds through Reductive Amination of Amino Acid-Derived Î²â€“Keto Esters. PLoS ONE, 2013, 8, e53231.	1.1	5
116	Ketomethylene Analogues of Phosphoryl Dipeptides Related to Phosphoramidon: Synthesis and Inhibition of Proteases. Archiv Der Pharmazie, 1992, 325, 261-265.	2.1	4
117	Memory of Chirality in theEnantioselective Synthesis of Î²-Lactams Derived from AminoAcids. Influence of the Reaction Conditions. Synlett, 2003, 2003, 1007-1011.	1.0	4
118	Synthesis and biological properties of Î²-turned AÎ²31â€“35 constrained analogues. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2078-2082.	1.0	4
119	Larger Helical Populations in Peptides Derived from the Dimerization Helix of the Capsid Protein of HIV-1 Results in Peptide Binding toward Regions Other than the â€œHotspotâ€•Interface. Biomacromolecules, 2011, 12, 3252-3264.	2.6	4
120	Pharmacology of TRP Channels. , 2015, , 41-71.		4
121	Synthesis and Inhibitory Activities against Aminopeptidase B and Enkephalin-Degrading Enzymes of Ketomethylene Dipeptide Analogues of Arphamenines. Archiv Der Pharmazie, 1992, 325, 3-8.	2.1	3
122	Factor J, an inhibitor of the classical and alternative complement pathway, does not inhibit esterolysis by factor D. BBA - Proteins and Proteomics, 1996, 1295, 174-178.	2.1	3
123	2-Oxopyrrolidines and 6-Oxoperhydropyrrolo[1,2-a]pyrazines as Templates in the Search for Nonpeptide Cholecystokinin Ligands.. Chemical and Pharmaceutical Bulletin, 1998, 46, 782-786.	0.6	3
124	Experimental and Theoretical Studies on the Rearrangement of 2â€Oxoazepane Î±,Î±â€Amino Acids into 2â€²â€Oxopiperidine Î²^{2,3,3}â€Amino Acids: An Example of Intramolecular Catalysis. Chemistry - A European Journal, 2015, 21, 2489-2500.	1.7	3
125	Peptides in biology and biomedicine: Walking towards the future. Archives of Biochemistry and Biophysics, 2019, 665, 20-22.	1.4	3
126	Î²-Lactams Through Single Bond Ring Closing: Methods, Transformations and Bioactivity. , 2017, , 219-252.		3

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127	Studies on the Synthesis of Substituted 3,6-Dioxoperhydropyrrolo[1,2-a]pyrazines as Non-peptide Scaffolds for Peptidomimetics. Heterocycles, 1997, 45, 1723.	0.4	3
128	Prolonged antinociceptive activity of pseudodipeptide analogues of Lys-Trp(Nps) and Trp(Nps)-Lys. Peptides, 1992, 13, 63-67.	1.2	2
129	“Dipeptoids”: From the Chemical Structure of the Endogenous Peptide to the Design of Peptidomimetics. Mini-Reviews in Medicinal Chemistry, 2004, 4, 669-680.	1.1	2
130	Phenylalanine-Derived Î²-Lactam TRPM8 Modulators. Configuration Effect on the Antagonist Activity. International Journal of Molecular Sciences, 2021, 22, 2370.	1.8	2
131	DD04107-Derived neuronal exocytosis inhibitor peptides: Evidences for synaptotagmin-1 as a putative target. Bioorganic Chemistry, 2021, 115, 105231.	2.0	2
132	Analgesic Dipeptides VI.: Synthesis and Structure-Activity Relationships of N-Terminal Modified Analogues of the Analgesic Compounds H-Xaa-Trp (Nps)-OMe (Xaa=Lys, Orn, Arg). Archiv Der Pharmazie, 1989, 322, 145-152.	2.1	1
133	Synthesis and Inhibitory Activities against Enkephalin Degrading Aminopeptidase of H-Trp(Nps)-Lys-OMe Analogues Bearing Chelating Groups. Archiv Der Pharmazie, 1992, 325, 743-749.	2.1	1
134	Studies on the synthesis of Î²-keto esters derived from dipeptides: search for a low-epimerizing method. International Journal of Peptide Research and Therapeutics, 2000, 7, 143-149.	0.1	1
135	Monitor â€“ New TRPV1-targeting agents for pain management. Drug Discovery Today, 2005, 10, 1704-1705.	3.2	1
136	Editorial [Hot Topic: Emerging Therapeutic Opportunities by Targeting Protein â€“ Protein Interactions (Guest Editor: Dr. Rosario Gonzalez-Muniz)]. Current Topics in Medicinal Chemistry, 2007, 7, 1-2.	1.0	1
137	Exploring the binding pocket for pyridopyrimidine ligands at the CCK1 receptor by molecular docking. Journal of Molecular Modeling, 2008, 14, 303-314.	0.8	1
138	Solid-Phase Synthesis of New Trp(Nps)-Containing Dipeptide Derivatives as TRPV1 Channel Blockers. Molecules, 2010, 15, 4924-4933.	1.7	1
139	Enantioselective Synthesis of PPAR (Peroxisome Proliferator-Activated Receptors) Agonists and Antagonists. Current Topics in Medicinal Chemistry, 2014, 14, 1283-1293.	1.0	1
140	Memory of Chirality in the Stereoselective Synthesis of Î²-Lactams: Importance of the Starting Amino Acid Derivative.. ChemInform, 2003, 34, no.	0.1	0
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