

Dirk Tourw

List of Publications by Citations

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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.

39
papers

475
citations

12
h-index

20
g-index

40
ext. papers

572
ext. citations

5
avg, IF

3.05
L-index

#	Paper	IF	Citations
39	Structural basis for bifunctional peptide recognition at human μ opioid receptor. <i>Nature Structural and Molecular Biology</i> , 2015 , 22, 265-8	17.6	133
38	In vivo antinociception of potent μ opioid agonist tetrapeptide analogues and comparison with a compact opioid agonist-neurokinin 1 receptor antagonist chimera. <i>Molecular Brain</i> , 2012 , 5, 4	4.5	26
37	Bifunctional Peptide-Based Opioid Agonist-Nociceptin Antagonist Ligands for Dual Treatment of Acute and Neuropathic Pain. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 3777-92	8.3	26
36	Side Chain Cyclized Aromatic Amino Acids: Great Tools as Local Constraints in Peptide and Peptidomimetic Design. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 10865-10890	8.3	26
35	Analgesic Properties of Opioid/NK1 Multitarget Ligands with Distinct in Vitro Profiles in Naive and Chronic Constriction Injury Mice. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 2315-2324	5.7	23
34	Synthesis and biological evaluation of compact, conformationally constrained bifunctional opioid agonist - neurokinin-1 antagonist peptidomimetics. <i>European Journal of Medicinal Chemistry</i> , 2015 , 92, 64-77	6.8	23
33	Synthesis and Evaluation of the Turn Properties of 4-Amino-1,2,4,5-tetrahydro-2-benzazepin-3-ones and of Their Spirocyclic Derivative. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 2899-2911	3.2	20
32	Highly stereoselective one-pot construction of trisubstituted tetrahydro-carboline-fused diketopiperazines: a synthetic route towards cialis analogues. <i>RSC Advances</i> , 2014 , 4, 38159-38163	3.7	16
31	Cyclisation To Form Small, Medium and Large Rings by Use of Catalysed and Uncatalysed Azide-Alkyne Cycloadditions (AACs). <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 4678-4694	3.2	16
30	Dual Alleviation of Acute and Neuropathic Pain by Fused Opioid Agonist-Neurokinin 1 Antagonist Peptidomimetics. <i>ACS Medicinal Chemistry Letters</i> , 2015 , 6, 1209-14	4.3	15
29	Hydrazone Linker as a Useful Tool for Preparing Chimeric Peptide/Nonpeptide Bifunctional Compounds. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 73-77	4.3	15
28	Conformation of two somatostatin analogues in aqueous solution. Study by NMR methods and circular dichroism. <i>FEBS Journal</i> , 1989 , 185, 371-81		13
27	Neurotensin Analogues Containing Cyclic Surrogates of Tyrosine at Position 11 Improve NTS2 Selectivity Leading to Analgesia without Hypotension and Hypothermia. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 4535-4544	5.7	11
26	T3P-Promoted, Mild, One-Pot Syntheses of Constrained Polycyclic Lactam Dipeptide Analogues via Stereoselective Pictet-Spengler and Meyers Lactamization Reactions. <i>Organic Letters</i> , 2015 , 17, 4482-5	6.2	10
25	In Vitro Membrane Permeation Studies and in Vivo Antinociception of Glycosylated Dmt-DALDA Analogues. <i>ACS Medicinal Chemistry Letters</i> , 2014 , 5, 352-357	4.3	10
24	Trifluoromethylated Proline Surrogates as Part of "Pro-Pro" Turn-Inducing Templates. <i>ChemBioChem</i> , 2019 , 20, 2513-2518	3.8	8
23	Azepinone-Containing Tetrapeptide Analogues of Melanotropin Lead to Selective hMC4R Agonists and hMC5R Antagonist. <i>ACS Medicinal Chemistry Letters</i> , 2015 , 6, 192-7	4.3	8

22	Presence and regulation of insulin-regulated aminopeptidase in mouse macrophages. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2014 , 15, 466-79	3	8
21	Maillard Glycation of Peptides Containing the (N His)Ac Chelator for ^{99m} Tc(CO) ₃ Labeling. <i>International Journal of Peptide Research and Therapeutics</i> , 2006 , 12, 197-202	2.1	8
20	Development of potent and proteolytically stable human neuromedin U receptor agonists. <i>European Journal of Medicinal Chemistry</i> , 2018 , 144, 887-897	6.8	7
19	Indoloazepinone-Constrained Oligomers as Cell-Penetrating and Blood-Brain-Barrier-Permeating Compounds. <i>ChemBioChem</i> , 2018 , 19, 696-705	3.8	6
18	Aspects of Peptidomimetics 2009 , 49-131		6
17	Synthesis and Evaluation of Stabilized and Selective Neuromedin U-1 Receptor Agonists. <i>ACS Medicinal Chemistry Letters</i> , 2018 , 9, 496-501	4.3	5
16	Comprehensive overview of biased pharmacology at the opioid receptors: biased ligands and bias factors. <i>RSC Medicinal Chemistry</i> , 2021 , 12, 828-870	3.5	5
15	Synthesis and binding properties of endomorphin-2 analogs containing β -hydroxymethyl amino acids. <i>International Journal of Peptide Research and Therapeutics</i> , 2000 , 7, 93-96		4
14	Neuromedin U and Structural Analogs: An Overview of their Structure, Function and Selectivity. <i>Current Medicinal Chemistry</i> , 2020 , 27, 6744-6768	4.3	4
13	β -Space Screening of Dermorphin-Based Tetrapeptides through Use of Constrained Arylazepinone and Quinolinone Scaffolds. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 1177-1182	4.3	4
12	Optimized Opioid-Neurotensin Multitarget Peptides: From Design to Structure-Activity Relationship Studies. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 12929-12941	8.3	4
11	Structure-Based Design of Melanocortin 4 Receptor Ligands Based on the SHU-9119-hMC4R Cocrystal Structure \square <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 357-369	8.3	4
10	Neuropeptide FF receptors as novel targets for limbic seizure attenuation. <i>Neuropharmacology</i> , 2015 , 95, 415-23	5.5	3
9	Synthesis and binding characteristics of [(3)H]neuromedin N, a NTS2 receptor ligand. <i>Neuropeptides</i> , 2016 , 57, 15-20	3.3	3
8	Biological consequences of the incorporation of amphiphilic amino acids into opioid peptide sequences. <i>International Journal of Peptide Research and Therapeutics</i> , 1998 , 5, 383-385		3
7	Biological Consequences of the Incorporation of Amphiphilic Amino Acids into Opioid Peptide Sequences. <i>International Journal of Peptide Research and Therapeutics</i> , 1998 , 5, 383-385		1
6	β N-o-AMPA as a cis peptide bond mimic in somatostatin analogues. <i>International Journal of Peptide Research and Therapeutics</i> , 1998 , 5, 67-70		1
5	Using conformational constraints at position 6 of Angiotensin II to generate compounds with enhanced AT2R selectivity and proteolytic stability. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 43, 128086	2.9	0

- 4 Side reactions in the preparation of 1,2,3,4-tetrahydro- β -carboline-3-carboxylic acid. *International Journal of Peptide Research and Therapeutics*, **1998**, 5, 121-123
- 3 β Bn-o-AMPA as a cis peptide bond mimic in somatostatin analogues. *International Journal of Peptide Research and Therapeutics*, **1998**, 5, 67-70
- 2 Side reactions in the preparation of 1,2,3,4-tetrahydro- β -carboline-3-carboxylic acid. *International Journal of Peptide Research and Therapeutics*, **1998**, 5, 121-123
- 1 Efficient One-Pot Access to Trisubstituted 2-Benzazepin-3-ones as Constrained Pseudopeptide Analogues and Privileged Scaffolds. *Medicinal Chemistry*, **2018**, 14, 400-408 1.8