Dirk Tourw

List of Publications by Year in Descending Order

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	Using conformational constraints at position 6 of Angiotensin II to generate compounds with enhanced AT2R selectivity and proteolytic stability. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 43, 128086	2.9	0
38	Structure-Based Design of Melanocortin 4 Receptor Ligands Based on the SHU-9119-hMC4R Cocrystal Structure. *Journal of Medicinal Chemistry*, **2021**, 64, 357-369	8.3	4
37	Comprehensive overview of biased pharmacology at the opioid receptors: biased ligands and bias factors. *RSC Medicinal Chemistry*, **2021**, 12, 828-870	3.5	5
36	Neuromedin U and Structural Analogs: An Overview of their Structure, Function and Selectivity. *Current Medicinal Chemistry*, **2020**, 27, 6744-6768	4.3	4
35	Optimized Opioid-Neurotensin Multitarget Peptides: From Design to Structure-Activity Relationship Studies. *Journal of Medicinal Chemistry*, **2020**, 63, 12929-12941	8.3	4
34	Trifluoromethylated Proline Surrogates as Part of "Pro-Pro" Turn-Inducing Templates. *ChemBioChem*, **2019**, 20, 2513-2518	3.8	8
33	Neurotensin Analogues Containing Cyclic Surrogates of Tyrosine at Position 11 Improve NTS2 Selectivity Leading to Analgesia without Hypotension and Hypothermia. *ACS Chemical Neuroscience*, **2019**, 10, 4535-4544	5.7	11
32	Synthesis and Evaluation of Stabilized and Selective Neuromedin U-1 Receptor Agonists. *ACS Medicinal Chemistry Letters*, **2018**, 9, 496-501	4.3	5
31	Indoloazepinone-Constrained Oligomers as Cell-Penetrating and Blood-Brain-Barrier-Permeating Compounds. *ChemBioChem*, **2018**, 19, 696-705	3.8	6
30	Development of potent and proteolytically stable human neuromedin U receptor agonists. *European Journal of Medicinal Chemistry*, **2018**, 144, 887-897	6.8	7
29	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	
28	Cyclisation To Form Small, Medium and Large Rings by Use of Catalysed and Uncatalysed Azide-Alkyne Cycloadditions (AACs). *European Journal of Organic Chemistry*, **2017**, 2017, 4678-4694	3.2	16
27	Analgesic Properties of Opioid/NK1 Multitarget Ligands with Distinct in Vitro Profiles in Naive and Chronic Constriction Injury Mice. *ACS Chemical Neuroscience*, **2017**, 8, 2315-2324	5.7	23
26	Hydrazone Linker as a Useful Tool for Preparing Chimeric Peptide/Nonpeptide Bifunctional Compounds. *ACS Medicinal Chemistry Letters*, **2017**, 8, 73-77	4.3	15
25	Space Screening of Dermorphin-Based Tetrapeptides through Use of Constrained Arylazepinone and Quinolinone Scaffolds. *ACS Medicinal Chemistry Letters*, **2017**, 8, 1177-1182	4.3	4
24	Synthesis and binding characteristics of [(3)H]neuromedin N, a NTS2 receptor ligand. *Neuropeptides*, **2016**, 57, 15-20	3.3	3
23	Bifunctional Peptide-Based Opioid Agonist-Nociceptin Antagonist Ligands for Dual Treatment of Acute and Neuropathic Pain. *Journal of Medicinal Chemistry*, **2016**, 59, 3777-92	8.3	26

22	Side Chain Cyclized Aromatic Amino Acids: Great Tools as Local Constraints in Peptide and Peptidomimetic Design. *Journal of Medicinal Chemistry*, **2016**, 59, 10865-10890	8.3	26
21	Dual Alleviation of Acute and Neuropathic Pain by Fused Opioid Agonist-Neurokinin 1 Antagonist Peptidomimetics. *ACS Medicinal Chemistry Letters*, **2015**, 6, 1209-14	4.3	15
20	T3P-Promoted, Mild, One-Pot Syntheses of Constrained Polycyclic Lactam Dipeptide Analogues via Stereoselective Pictet-Spengler and Meyers Lactamization Reactions. *Organic Letters*, **2015**, 17, 4482-5	6.2	10
19	Neuropeptide FF receptors as novel targets for limbic seizure attenuation. *Neuropharmacology*, **2015**, 95, 415-23	5.5	3
18	Synthesis and biological evaluation of compact, conformationally constrained bifunctional opioid agonist - neurokinin-1 antagonist peptidomimetics. *European Journal of Medicinal Chemistry*, **2015**, 92, 64-77	6.8	23
17	Structural basis for bifunctional peptide recognition at human □opioid receptor. *Nature Structural and Molecular Biology*, **2015**, 22, 265-8	17.6	133
16	Azepinone-Containing Tetrapeptide Analogues of Melanotropin Lead to Selective hMC4R Agonists and hMC5R Antagonist. *ACS Medicinal Chemistry Letters*, **2015**, 6, 192-7	4.3	8
15	In Vitro Membrane Permeation Studies and in Vivo Antinociception of Glycosylated Dmt-DALDA Analogues. *ACS Medicinal Chemistry Letters*, **2014**, 5, 352-357	4.3	10
14	Highly stereoselective one-pot construction of trisubstituted tetrahydro-□carboline-fused diketopiperazines: a synthetic route towards cialis analogues. *RSC Advances*, **2014**, 4, 38159-38163	3.7	16
13	Presence and regulation of insulin-regulated aminopeptidase in mouse macrophages. *JRAAS - Journal of the Renin-Angiotensin-Aldosterone System*, **2014**, 15, 466-79	3	8
12	In vivo antinociception of potent mu opioid agonist tetrapeptide analogues and comparison with a compact opioid agonist-neurokinin 1 receptor antagonist chimera. *Molecular Brain*, **2012**, 5, 4	4.5	26
11	Aspects of Peptidomimetics **2009**, 49-131		6
10	Synthesis and Evaluation of the □Turn Properties of 4-Amino-1,2,4,5-tetrahydro-2-benzazepin-3-ones and of Their Spirocyclic Derivative. *European Journal of Organic Chemistry*, **2006**, 2006, 2899-2911	3.2	20
9	Maillard Glycation of Peptides Containing the (N-□His)Ac Chelator for 99mTc(CO)3 Labeling. *International Journal of Peptide Research and Therapeutics*, **2006**, 12, 197-202	2.1	8
8	Synthesis and binding properties of endomorphin-2 analogs containing □-hydroxymethyl amino acids. *International Journal of Peptide Research and Therapeutics*, **2000**, 7, 93-96		4
7	Biological Consequences of the Incorporation of Amphiphilic Amino Acids into Opioid Peptide Sequences. *International Journal of Peptide Research and Therapeutics*, **1998**, 5, 383-385		1
6	Side reactions in the preparation of 1,2,3,4-tetrahydro-□carboline-3-carboxylic acid. *International Journal of Peptide Research and Therapeutics*, **1998**, 5, 121-123		
5	□Bn-o-AMPA as a cis peptide bond mimic in somatostatin analogues. *International Journal of Peptide Research and Therapeutics*, **1998**, 5, 67-70		

4	□Bn-o-AMPA as a cis peptide bond mimic in somatostatin analogues. *International Journal of Peptide Research and Therapeutics*, **1998**, 5, 67-70	1
3	Side reactions in the preparation of 1,2,3,4-tetrahydro-□carboline-3-carboxylic acid. *International Journal of Peptide Research and Therapeutics*, **1998**, 5, 121-123	
2	Biological consequences of the incorporation of amphiphilic amino acids into opioid peptide sequences. *International Journal of Peptide Research and Therapeutics*, **1998**, 5, 383-385	3
1	Conformation of two somatostatin analogues in aqueous solution. Study by NMR methods and circular dichroism. *FEBS Journal*, **1989**, 185, 371-81	13