Thorsten Berg

List of Publications by Year in Descending Order

63 papers	3,008 citations	26 h-index	54 g-index
66 ext. papers	3,300 ext. citations	6.1 avg, IF	5.34 L-index

#	Paper	IF	Citations
63	Effect of amino acid substitutions on 70S ribosomal binding, cellular uptake, and antimicrobial activity of oncocin Onc112.. *ChemBioChem*, **2021**,	3.8	2
62	Asymmetrically Substituted m-Terphenyl Phosphates Inhibit the Transcription Factor STAT5a.. *ChemBioChem*, **2021**, e202100603	3.8	0
61	Stafia-1: a STAT5a-Selective Inhibitor Developed via Docking-Based Screening of in Silico O-Phosphorylated Fragments. *Chemistry - A European Journal*, **2020**, 26, 148-154	4.8	6
60	The Selectivity of Fosfosal for STAT5b over STAT5a is Mediated by Arg566 in the Linker Domain. *ChemBioChem*, **2020**, 21, 2264-2267	3.8	3
59	ATP Inhibits the Transcription Factor STAT5b. *ChemBioChem*, **2019**, 20, 2227-2231	3.8	4
58	The STAT5b Linker Domain Mediates the Selectivity of Catechol Bisphosphates for STAT5b over STAT5a. *ACS Chemical Biology*, **2019**, 14, 796-805	4.9	8
57	Poloxin-2HT+: changing the hydrophobic tag of Poloxin-2HT increases Plk1 degradation and apoptosis induction in tumor cells. *Organic and Biomolecular Chemistry*, **2019**, 17, 3113-3117	3.9	5
56	Synthesis of TRIPCO: A New Cyclooctyne for iSPAAC. *Synlett*, **2019**, 30, 939-942	2.2	4
55	MCC1019, a selective inhibitor of the Polo-box domain of Polo-like kinase 1 as novel, potent anticancer candidate. *Acta Pharmaceutica Sinica B*, **2019**, 9, 1021-1034	15.5	16
54	The hydrophobically-tagged MDM2-p53 interaction inhibitor Nutlin-3a-HT is more potent against tumor cells than Nutlin-3a. *Chemical Communications*, **2019**, 55, 14351-14354	5.8	8
53	iSPAAC: Isomer-Free Generation of a Bcl-x -Inhibitor in Living Cells. *Chemistry - A European Journal*, **2018**, 24, 13762-13766	4.8	4
52	Selective Degradation of Polo-like Kinase 1 by a Hydrophobically Tagged Inhibitor of the Polo-Box Domain. *Angewandte Chemie*, **2018**, 130, 17289-17293	3.6	3
51	Selective Degradation of Polo-like Kinase 1 by a Hydrophobically Tagged Inhibitor of the Polo-Box Domain. *Angewandte Chemie - International Edition*, **2018**, 57, 17043-17047	16.4	12
50	Halogen-substituted catechol bisphosphates are potent and selective inhibitors of the transcription factor STAT5b. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 3871-3882	3.4	6
49	Inhibition of Protein-Protein Interactions: New Options for Developing Drugs against Neglected Tropical Diseases. *Angewandte Chemie - International Edition*, **2017**, 56, 12048-12050	16.4	1
48	Development of Erasin: a chromone-based STAT3 inhibitor which induces apoptosis in Erlotinib-resistant lung cancer cells. *Scientific Reports*, **2017**, 7, 17390	4.9	15
47	A small-molecule screen identifies the antitrypanosomal agent suramin and analogues NF023 and NF449 as inhibitors of STAT5a/b. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 3349-3352	2.9	10

46	Rational development of Stafib-2: a selective, nanomolar inhibitor of the transcription factor STAT5b. *Scientific Reports*, **2017**, 7, 819	4.9	25
45	Die Hemmung von Protein-Protein-Wechselwirkungen: neue Ansätze zur Entwicklung von Wirkstoffen gegen Tropenkrankheiten. *Angewandte Chemie*, **2017**, 129, 12214-12216	3.6	
44	Ribosomal binding and antibacterial activity of ethylene glycol-bridged apidaecin Api137 and oncocin Onc112 conjugates. *Journal of Peptide Science*, **2016**, 22, 592-9	2.1	4
43	Development of Bifunctional Inhibitors of Polo-Like Kinase 1 with Low-Nanomolar Activities Against the Polo-Box Domain. *ChemBioChem*, **2016**, 17, 759-67	3.8	15
42	Inhibitors of the Polo-Box Domain of Polo-Like Kinase 1. *ChemBioChem*, **2016**, 17, 650-6	3.8	18
41	Nanomolar inhibitors of the transcription factor STAT5b with high selectivity over STAT5a. *Angewandte Chemie - International Edition*, **2015**, 54, 4758-63	16.4	42
40	PYRROC: the first functionalized cycloalkyne that facilitates isomer-free generation of organic molecules by SPAAC. *Organic and Biomolecular Chemistry*, **2015**, 13, 3866-70	3.9	29
39	Phosphorylation of Capsaicinoid Derivatives Provides Highly Potent and Selective Inhibitors of the Transcription Factor STAT5b. *ACS Chemical Biology*, **2015**, 10, 2884-90	4.9	15
38	Optimized Plk1 PBD Inhibitors Based on Poloxin Induce Mitotic Arrest and Apoptosis in Tumor Cells. *ACS Chemical Biology*, **2015**, 10, 2570-9	4.9	38
37	Nanomolar Inhibitors of the Transcription Factor STAT5b with High Selectivity over STAT5a. *Angewandte Chemie*, **2015**, 127, 4840-4845	3.6	10
36	Direct monitoring of protein–protein inhibition using nano electrospray ionization mass spectrometry. *Chemical Science*, **2014**, 5, 2794-2803	9.4	20
35	Synthesis and biochemical evaluation of highly enantiomerically pure (R,R)- and (S,S)-alexidine. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 7357-63	3.4	6
34	Oral disinfectants inhibit protein-protein interactions mediated by the anti-apoptotic protein Bcl-xL and induce apoptosis in human oral tumor cells. *Angewandte Chemie - International Edition*, **2013**, 52, 4487-91	16.4	16
33	Orale Desinfektionsmittel inhibieren Protein-Protein-Wechselwirkungen des antiapoptotischen Proteins Bcl-xL und induzieren Apoptose in humanen oralen Tumorzellen. *Angewandte Chemie*, **2013**, 125, 4583-4588	3.6	3
32	The natural product betulinic acid inhibits C/EBP family transcription factors. *ChemBioChem*, **2012**, 13, 302-7	3.8	7
31	Reply to "Revisiting the Specificity of Small Molecule Inhibitors: The Example of Stattic in Dendritic Cells" *Chemistry and Biology*, **2012**, 19, 1215-1216		2
30	Identification of high affinity polo-like kinase 1 (Plk1) polo-box domain binding peptides using oxime-based diversification. *ACS Chemical Biology*, **2012**, 7, 805-10	4.9	59
29	Peptoid-Peptide hybrid ligands targeting the polo box domain of polo-like kinase 1. *ChemBioChem*, **2012**, 13, 1291-6	3.8	35

28	Polo-box domain inhibitor poloxin activates the spindle assembly checkpoint and inhibits tumor growth in vivo. *American Journal of Pathology*, **2011**, 179, 2091-9	5.8	67
27	Selective targeting of disease-relevant protein binding domains by O-phosphorylated natural product derivatives. *ACS Chemical Biology*, **2011**, 6, 1008-14	4.9	28
26	Serendipitous alkylation of a Plk1 ligand uncovers a new binding channel. *Nature Chemical Biology*, **2011**, 7, 595-601	11.7	84
25	Phosphopeptides with improved cellular uptake properties as ligands for the polo-box domain of polo-like kinase 1. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 4686-9	2.9	5
24	Small-molecule modulators of c-Myc/Max and Max/Max interactions. *Current Topics in Microbiology and Immunology*, **2011**, 348, 139-49	3.3	41
23	Small-Molecule Inhibitors of Protein□Protein Interactions **2010**, 318-339		2
22	A scaffold-tree-merging strategy for prospective bioactivity annotation of gamma-pyrones. *Angewandte Chemie - International Edition*, **2010**, 49, 3666-70	16.4	40
21	A pan-specific inhibitor of the polo-box domains of polo-like kinases arrests cancer cells in mitosis. *ChemBioChem*, **2009**, 10, 1145-8	3.8	61
20	Natural product inhibitors of protein-protein interactions mediated by Src-family SH2 domains. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 3305-9	2.9	41
19	Development of high-throughput assays based on fluorescence polarization for inhibitors of the polo-box domains of polo-like kinases 2 and 3. *Analytical Biochemistry*, **2009**, 395, 189-94	3.1	33
18	Expansion of Normal and Leukemic Hematopoietic Progenitor Cells by PTH Requires bFGF Activation of c-Kit and Its Downstream JAK2/STAT5 Signaling.. *Blood*, **2009**, 114, 2511-2511	2.2	
17	Discovery of chromone-based inhibitors of the transcription factor STAT5. *ChemBioChem*, **2008**, 9, 723-7	3.8	110
16	Signal transducers and activators of transcription as targets for small organic molecules. *ChemBioChem*, **2008**, 9, 2039-44	3.8	34
15	A high-throughput assay for signal transducer and activator of transcription 5b based on fluorescence polarization. *Analytical Biochemistry*, **2008**, 375, 249-54	3.1	37
14	A high-throughput assay based on fluorescence polarization for inhibitors of the polo-box domain of polo-like kinase 1. *Analytical Biochemistry*, **2008**, 383, 205-9	3.1	47
13	Inhibition of transcription factors with small organic molecules. *Current Opinion in Chemical Biology*, **2008**, 12, 464-71	9.7	109
12	Inhibition of polo-like kinase 1 by blocking polo-box domain-dependent protein-protein interactions. *Chemistry and Biology*, **2008**, 15, 459-66		189
11	Small-molecule inhibitors of protein-protein interactions. *Current Opinion in Drug Discovery & Development*, **2008**, 11, 666-74		65

10	Selective inhibition of c-Myc/Max dimerization by a pyrazolo[1,5-a]pyrimidine. *ChemMedChem*, **2007**, 2, 627-30	3.7	60
9	Inhibition of TNF-alpha signaling: divide and conquer. *ChemMedChem*, **2006**, 1, 687-8	3.7	11
8	Selective inhibition of c-Myc/Max dimerization and DNA binding by small molecules. *Chemistry and Biology*, **2006**, 13, 745-51		119
7	Stattic: a small-molecule inhibitor of STAT3 activation and dimerization. *Chemistry and Biology*, **2006**, 13, 1235-42		745
6	Cellular profiling of small-molecule bioactivities: an alternative tool for chemical biology. *Angewandte Chemie - International Edition*, **2005**, 44, 5008-11	16.4	4
5	When chemistry met biology. *Angewandte Chemie - International Edition*, **2004**, 43, 3750-1	16.4	
4	Use of "tethering" for the identification of a small molecule that binds to a dynamic hot spot on the interleukin-2 surface. *ChemBioChem*, **2004**, 5, 1051-3	3.8	4
3	A high-throughput fluorescence polarization assay for signal transducer and activator of transcription 3. *Analytical Biochemistry*, **2004**, 330, 114-8	3.1	89
2	Modulation of protein-protein interactions with small organic molecules. *Angewandte Chemie - International Edition*, **2003**, 42, 2462-81	16.4	260
1	Small-molecule antagonists of Myc/Max dimerization inhibit Myc-induced transformation of chicken embryo fibroblasts. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 3830-5	11.5	272