Herbert Waldmann

List of Publications by Year in Descending Order

754 papers	34,966 citations	91 h-index	147 g-index
862 ext. papers	38,368 ext. citations	8 avg, IF	7.43 L-index

#	Paper	IF	Citations
754	Identification of a Small Molecule That Enhances Ferroptosis via Inhibition of Ferroptosis Suppressor Protein 1 (FSP1).. *ACS Chemical Biology*, **2022**,	4.9	1
753	Asymmetric catalysis with chiral cyclopentadienyl complexes to access privileged scaffolds. *Trends in Chemistry*, **2022**,	14.8	3
752	Pseudonatural Products Occur Frequently in Biologically Relevant Compounds. *Journal of Chemical Information and Modeling*, **2021**, 61, 5458-5468	6.1	0
751	Natural product fragment combination to performance-diverse pseudo-natural products. *Nature Communications*, **2021**, 12, 1883	17.4	10
750	Cell-Based Identification of New IDO1 Modulator Chemotypes. *Angewandte Chemie*, **2021**, 133, 9957-9962	3.6	0
749	Morphological profiling of small molecules. *Cell Chemical Biology*, **2021**, 28, 300-319	8.2	7
748	Cell-Based Identification of New IDO1 Modulator Chemotypes. *Angewandte Chemie - International Edition*, **2021**, 60, 9869-9874	16.4	2
747	Pseudo Natural Products□Chemical Evolution of Natural Product Structure. *Angewandte Chemie*, **2021**, 133, 15837-15855	3.6	6
746	Pseudo Natural Products-Chemical Evolution of Natural Product Structure. *Angewandte Chemie - International Edition*, **2021**, 60, 15705-15723	16.4	24
745	Biochemical Investigation of the Interaction of pICln, RioK1 and COPR5 with the PRMT5-MEP50 Complex. *ChemBioChem*, **2021**, 22, 1908-1914	3.8	4
744	Discovery of Pyrrolidine-2,3-diones as Novel Inhibitors of PBP3. *Antibiotics*, **2021**, 10,	4.9	3
743	Thermal proteome profiling efficiently identifies ribosome destabilizing oxazolidinones. *Tetrahedron*, **2021**, 87, 132118	2.4	1
742	Discovery of a □receptor antagonist by combination of unbiased cell painting and thermal proteome profiling. *Cell Chemical Biology*, **2021**, 28, 848-854.e5	8.2	5
741	Structure Based Design of Bicyclic Peptide Inhibitors of RbAp48. *Angewandte Chemie - International Edition*, **2021**, 60, 1813-1820	16.4	4
740	Structure Based Design of Bicyclic Peptide Inhibitors of RbAp48. *Angewandte Chemie*, **2021**, 133, 1841-1848	3.6	1
739	Design, Synthesis, and Biological Evaluation of Chemically and Biologically Diverse Pyrroquinoline Pseudo Natural Products. *Angewandte Chemie - International Edition*, **2021**, 60, 4648-4656	16.4	16
738	Design, Synthesis, and Biological Evaluation of Chemically and Biologically Diverse Pyrroquinoline Pseudo Natural Products. *Angewandte Chemie*, **2021**, 133, 4698-4706	3.6	7

737	Rhodium(III)-Catalyzed Enantioselective Benzamidation of Cyclopropenes. *Synthesis*, **2021**, 53, 2192-2200	2.9	2
736	Thermal proteome profiling identifies the membrane-bound purinergic receptor P2X4 as a target of the autophagy inhibitor indophagolin. *Cell Chemical Biology*, **2021**,	8.2	9
735	Enantioselective synthesis of pyrro[3,4-c]quinoline pseudo-natural products. *Tetrahedron Letters*, **2021**, 76, 153228	2	3
734	Dynamic Catalytic Highly Enantioselective 1,3-Dipolar Cycloadditions. *Angewandte Chemie*, **2021**, 133, 20165-20173	3.6	0
733	Synthesis of Indofulvin Pseudo-Natural Products Yields a New Autophagy Inhibitor Chemotype. *Advanced Science*, **2021**, 8, e2102042	13.6	1
732	Combination of Pseudo-Natural Product Design and Formal Natural Product Ring Distortion Yields Stereochemically and Biologically Diverse Pseudo-Sesquiterpenoid Alkaloids. *Angewandte Chemie*, **2021**, 133, 21554-21565	3.6	2
731	Combination of Pseudo-Natural Product Design and Formal Natural Product Ring Distortion Yields Stereochemically and Biologically Diverse Pseudo-Sesquiterpenoid Alkaloids. *Angewandte Chemie - International Edition*, **2021**, 60, 21384-21395	16.4	5
730	Dynamic Catalytic Highly Enantioselective 1,3-Dipolar Cycloadditions. *Angewandte Chemie - International Edition*, **2021**, 60, 20012-20020	16.4	4
729	Pseudo-natural products and natural product-inspired methods in chemical biology and drug discovery. *Current Opinion in Chemical Biology*, **2020**, 56, 111-118	9.7	16
728	Rh -Catalyzed C-H Activation of Aryl Hydroxamates for the Synthesis of Isoindolinones. *Chemistry - A European Journal*, **2020**, 26, 10729-10734	4.8	9
727	Phenotyping Reveals Targets of a Pseudo-Natural-Product Autophagy Inhibitor. *Angewandte Chemie*, **2020**, 132, 12570-12576	3.6	13
726	Morphological Profiling Identifies a Common Mode of Action for Small Molecules with Different Targets. *ChemBioChem*, **2020**, 21, 3197-3207	3.8	11
725	Phenotyping Reveals Targets of a Pseudo-Natural-Product Autophagy Inhibitor. *Angewandte Chemie - International Edition*, **2020**, 59, 12470-12476	16.4	21
724	Image-Based Morphological Profiling Identifies a Lysosomotropic, Iron-Sequestering Autophagy Inhibitor. *Angewandte Chemie*, **2020**, 132, 5770-5778	3.6	10
723	Macrocyclic Modalities Combining Peptide Epitopes and Natural Product Fragments. *Journal of the American Chemical Society*, **2020**, 142, 4904-4915	16.4	17
722	Principle and design of pseudo-natural products. *Nature Chemistry*, **2020**, 12, 227-235	17.6	67
721	Development of Glucose Transporter (GLUT) Inhibitors. *European Journal of Organic Chemistry*, **2020**, 2020, 2321-2329	3.2	14
720	Development of a PDE□Targeting PROTACs that Impair Lipid Metabolism. *Angewandte Chemie*, **2020**, 132, 5644-5650	3.6	4

719	Development of a PDE-Targeting PROTACs that Impair Lipid Metabolism. *Angewandte Chemie - International Edition*, **2020**, 59, 5595-5601	16.4	15
718	Image-Based Morphological Profiling Identifies a Lysosomotropic, Iron-Sequestering Autophagy Inhibitor. *Angewandte Chemie - International Edition*, **2020**, 59, 5721-5729	16.4	27
717	Guided by evolution: from biology oriented synthesis to pseudo natural products. *Natural Product Reports*, **2020**, 37, 1497-1510	15.1	15
716	Applications of Chiral Cyclopentadienyl (Cpx) Metal Complexes in Asymmetric Catalysis. *European Journal of Organic Chemistry*, **2020**, 2020, 6512-6524	3.2	30
715	Enantioselective Synthesis of Five-Membered-Ring Atropisomers with a Chiral Rh(III) Complex. *Organic Letters*, **2020**, 22, 9199-9202	6.2	24
714	A protein tertiary structure mimetic modulator of the Hippo signalling pathway. *Nature Communications*, **2020**, 11, 5425	17.4	15
713	Discovery of small-molecule modulator of heterotrimeric G-protein by integrated phenotypic profiling and chemical proteomics. *Bioscience, Biotechnology and Biochemistry*, **2020**, 84, 2484-2490	2.1	
712	Discovery of Covalent Inhibitors Targeting the Transcriptional Enhanced Associate Domain Central Pocket. *Journal of Medicinal Chemistry*, **2020**, 63, 11972-11989	8.3	12
711	Small-Molecule Inhibition of Glucose Transporters GLUT-1-4. *ChemBioChem*, **2020**, 21, 45-52	3.8	29
710	Discovery of the Hedgehog Pathway Inhibitor Pipinib that Targets PI4KIII*Angewandte Chemie - International Edition*, **2019**, 58, 16617-16628	16.4	5
709	Discovery of the Hedgehog Pathway Inhibitor Pipinib that Targets PI4KIII*Angewandte Chemie*, **2019**, 131, 16770-16781	3.6	1
708	Nutrient-Based Chemical Library as a Source of Energy Metabolism Modulators. *ACS Chemical Biology*, **2019**, 14, 1860-1865	4.9	2
707	Toward the role of cholesterol and cholesterol transfer protein in autophagosome biogenesis. *Autophagy*, **2019**, 15, 2167-2168	10.2	3
706	The Pseudo Natural Product Myokinasib Is a Myosin Light Chain Kinase 1 Inhibitor with Unprecedented Chemotype. *Cell Chemical Biology*, **2019**, 26, 512-523.e5	8.2	26
705	The cholesterol transfer protein GRAMD1A regulates autophagosome biogenesis. *Nature Chemical Biology*, **2019**, 15, 710-720	11.7	36
704	Chemical Genetics Reveals a Role of dCTP Pyrophosphatase 1 in Wnt Signaling. *Angewandte Chemie - International Edition*, **2019**, 58, 13009-13013	16.4	7
703	Chemical Genetics Reveals a Role of dCTP Pyrophosphatase 1 in Wnt Signaling. *Angewandte Chemie* , **2019**, 131, 13143-13147	3.6	0
702	2-Sulfonylpyrimidines Target the Kinesin HSET via Cysteine Alkylation. *European Journal of Organic Chemistry*, **2019**, 2019, 5486-5496	3.2	4

701	Small-Molecule Inhibition of the UNC-Src Interaction Impairs Dynamic Src Localization in Cells. *Cell Chemical Biology*, **2019**, 26, 842-851.e7	8.2	3
700	Modulation of autophagy by the novel mitochondrial complex I inhibitor Authipyrin. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 2444-2448	3.4	6
699	Photoactivatable Myristic Acid Probes for UNC119-Cargo Interactions. *ChemBioChem*, **2019**, 20, 134-139	3.8	4
698	Inhibition of Glucose Transporters and Glutaminase Synergistically Impairs Tumor Cell Growth. *Cell Chemical Biology*, **2019**, 26, 1214-1228.e25	8.2	58
697	Design, Synthesis, and Phenotypic Profiling of Pyrano-Furo-Pyridone Pseudo Natural Products. *Angewandte Chemie - International Edition*, **2019**, 58, 14715-14723	16.4	41
696	Design, Synthesis, and Phenotypic Profiling of Pyrano-Furo-Pyridone Pseudo Natural Products. *Angewandte Chemie*, **2019**, 131, 14857-14865	3.6	14
695	The Convergence of Stem Cell Technologies and Phenotypic Drug Discovery. *Cell Chemical Biology*, **2019**, 26, 1050-1066	8.2	24
694	Synthesis of Indomorphan Pseudo-Natural Product Inhibitors of Glucose Transporters GLUT-1 and -3. *Angewandte Chemie*, **2019**, 131, 17172-17181	3.6	14
693	Synthesis of Indomorphan Pseudo-Natural Product Inhibitors of Glucose Transporters GLUT-1 and -3. *Angewandte Chemie - International Edition*, **2019**, 58, 17016-17025	16.4	35
692	Lipidated Stapled Peptides Targeting the Acyl Binding Protein UNC119. *ChemBioChem*, **2019**, 20, 2987-2990	3.8	6
691	Identification of Quinolinols as Activators of TEAD-Dependent Transcription. *ACS Chemical Biology*, **2019**, 14, 2909-2921	4.9	15
690	Enantioselective Formal C(sp3)–H Bond Activation in the Synthesis of Bioactive Spiropyrazolone Derivatives. *Angewandte Chemie*, **2019**, 131, 313-317	3.6	27
689	Enantioselective Formal C(sp)-H Bond Activation in the Synthesis of Bioactive Spiropyrazolone Derivatives. *Angewandte Chemie - International Edition*, **2019**, 58, 307-311	16.4	74
688	Nature Inspired Small Molecules for Chemical Biology. *Israel Journal of Chemistry*, **2019**, 59, 41-51	3.4	2
687	Target Engagement of Small Molecules: Thermal Profiling Approaches on Different Levels. *Methods in Molecular Biology*, **2019**, 1888, 73-98	1.4	5
686	Guided by Evolution: Biology-Oriented Synthesis of Bioactive Compound Classes. *Synthesis*, **2019**, 51, 55-66	2.9	10
685	Catalytic Enantioselective Synthesis of a Pyrrolizidine-Alkaloid-Inspired Compound Collection with Antiplasmodial Activity. *Journal of Organic Chemistry*, **2018**, 83, 7033-7041	4.2	5
684	Discovery of the novel autophagy inhibitor aumitin that targets mitochondrial complex I. *Chemical Science*, **2018**, 9, 3014-3022	9.4	23

683	Enantioselective Synthesis of the Spirotropanyl Oxindole Scaffold through Bimetallic Relay Catalysis. *Angewandte Chemie*, **2018**, 130, 14701-14705	3.6	10
682	Dynarrestin, a Novel Inhibitor of Cytoplasmic Dynein. *Cell Chemical Biology*, **2018**, 25, 357-369.e6	8.2	26
681	Enantioselective Synthesis of the Spirotropanyl Oxindole Scaffold through Bimetallic Relay Catalysis. *Angewandte Chemie - International Edition*, **2018**, 57, 14493-14497	16.4	36
680	Identification of an (-)-englerin A analogue, which antagonizes (-)-englerin A at TRPC1/4/5 channels. *British Journal of Pharmacology*, **2018**, 175, 830-839	8.6	13
679	Ligandengesteuerte divergente Synthese von carbo- und heterocyclischen Ringsystemen. *Angewandte Chemie*, **2018**, 130, 5308-5322	3.6	17
678	Target Identification and Mechanism of Action of Picolinamide and Benzamide Chemotypes with Antifungal Properties. *Cell Chemical Biology*, **2018**, 25, 279-290.e7	8.2	17
677	UNC119A Decreases the Membrane Binding of Myristoylated c-Src. *ChemBioChem*, **2018**, 19, 1482-1487	3.8	1
676	Bioactive Compound Collections: From Design to Target Identification. *CheM*, **2018**, 4, 705-730	16.2	29
675	Ligand-Directed Divergent Synthesis of Carbo- and Heterocyclic Ring Systems. *Angewandte Chemie - International Edition*, **2018**, 57, 5212-5226	16.4	61
674	Identification of novel PDE□interacting proteins. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 1426-1434	3.4	5
673	Discovery of 2,4-dimethoxypyridines as novel autophagy inhibitors. *Tetrahedron*, **2018**, 74, 4531-4537	2.4	8
672	Identification of cytotoxic, glutathione-reactive moieties inducing accumulation of reactive oxygen species via glutathione depletion. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 1453-1461	3.4	7
671	TRPC4/TRPC5 channels mediate adverse reaction to the cancer cell cytotoxic agent (-)-Englerin A. *Oncotarget*, **2018**, 9, 29634-29643	3.3	17
670	C□H Bond Activation for the Synthesis of Heterocyclic Atropisomers Yields Hedgehog Pathway Inhibitors. *Angewandte Chemie*, **2018**, 130, 14446-14450	3.6	35
669	Gold(I)-Catalyzed and Nucleophile-Guided Ligand-Directed Divergent Synthesis. *European Journal of Organic Chemistry*, **2018**, 2018, 5688-5699	3.2	7
668	Chromopynones are pseudo natural product glucose uptake inhibitors targeting glucose transporters GLUT-1 and -3. *Nature Chemistry*, **2018**, 10, 1103-1111	17.6	57
667	C-H Bond Activation for the Synthesis of Heterocyclic Atropisomers Yields Hedgehog Pathway Inhibitors. *Angewandte Chemie - International Edition*, **2018**, 57, 14250-14254	16.4	66
666	Combined Proteomic and In Silico Target Identification Reveal a Role for 5-Lipoxygenase in Developmental Signaling Pathways. *Cell Chemical Biology*, **2018**, 25, 1095-1106.e23	8.2	10

665	Discovery of Novel Cinchona-Alkaloid-Inspired Oxazatwistane Autophagy Inhibitors. *Angewandte Chemie - International Edition*, **2017**, 56, 2145-2150	16.4	46
664	Discovery of Novel Cinchona-Alkaloid-Inspired Oxazatwistane Autophagy Inhibitors. *Angewandte Chemie*, **2017**, 129, 2177-2182	3.6	20
663	A PDE6–KRas Inhibitor Chemotype with up to Seven H-Bonds and Picomolar Affinity that Prevents Efficient Inhibitor Release by Arl2. *Angewandte Chemie - International Edition*, **2017**, 56, 2423-2428	16.4	63
662	A PDE6–KRas Inhibitor Chemotype with up to Seven H-Bonds and Picomolar Affinity that Prevents Efficient Inhibitor Release by Arl2. *Angewandte Chemie*, **2017**, 129, 2463-2468	3.6	4
661	General Enantioselective C-H Activation with Efficiently Tunable Cyclopentadienyl Ligands. *Angewandte Chemie - International Edition*, **2017**, 56, 2429-2434	16.4	223
660	General Enantioselective C–H Activation with Efficiently Tunable Cyclopentadienyl Ligands. *Angewandte Chemie*, **2017**, 129, 2469-2474	3.6	109
659	Tetrahydroisoquinolines: New Inhibitors of Neutrophil Extracellular Trap (NET) Formation. *ChemBioChem*, **2017**, 18, 888-893	3.8	13
658	New Modalities for Challenging Targets in Drug Discovery. *Angewandte Chemie - International Edition*, **2017**, 56, 10294-10323	16.4	193
657	Neue Modalitäten für schwierige Zielstrukturen in der Wirkstoffentwicklung. *Angewandte Chemie*, **2017**, 129, 10428-10459	3.6	33
656	A ligand-directed divergent catalytic approach to establish structural and functional scaffold diversity. *Nature Communications*, **2017**, 8, 14043	17.4	48
655	Natural product inspired compound collections: evolutionary principle, chemical synthesis, phenotypic screening, and target identification. *Drug Discovery Today: Technologies*, **2017**, 23, 75-82	7.1	38
654	Covalent Protein Labeling at Glutamic Acids. *Cell Chemical Biology*, **2017**, 24, 589-597.e5	8.2	50
653	Enantioselective Organocatalytic Synthesis of a Secoyohimbane-Inspired Compound Collection with Neuritogenic Activity. *ChemBioChem*, **2017**, 18, 1098-1108	3.8	6
652	Small-Molecule Inhibition of the UNC119–Cargo Interaction. *Angewandte Chemie*, **2017**, 129, 6277-6282	3.6	5
651	Small-Molecule Inhibition of the UNC119-Cargo Interaction. *Angewandte Chemie - International Edition*, **2017**, 56, 6181-6186	16.4	13
650	Small-molecule phenotypic screening with stem cells. *Nature Chemical Biology*, **2017**, 13, 560-563	11.7	10
649	Phenotypic Identification of a Novel Autophagy Inhibitor Chemotype Targeting Lipid Kinase VPS34. *Angewandte Chemie - International Edition*, **2017**, 56, 8153-8157	16.4	33
648	Joining Forces: The Chemical Biology-Medicinal Chemistry Continuum. *Cell Chemical Biology*, **2017**, 24, 1058-1065	8.2	12

647	Phenotypic Identification of a Novel Autophagy Inhibitor Chemotype Targeting Lipid Kinase VPS34. *Angewandte Chemie*, **2017**, 129, 8265-8269	3.6	8
646	Picomolar, selective, and subtype-specific small-molecule inhibition of TRPC1/4/5 channels. *Journal of Biological Chemistry*, **2017**, 292, 8158-8173	5.4	58
645	Structure of the RZZ complex and molecular basis of its interaction with Spindly. *Journal of Cell Biology*, **2017**, 216, 961-981	7.3	43
644	Structure-based development of PDE□nhibitors. *Biological Chemistry*, **2017**, 398, 535-545	4.5	12
643	Exploring Natural Product Fragments for Drug and Probe Discovery. *Chimia*, **2017**, 71, 653-660	1.3	11
642	Discovery of a Novel Inhibitor of the Hedgehog Signaling Pathway through Cell-based Compound Discovery and Target Prediction. *Angewandte Chemie*, **2017**, 129, 13201-13205	3.6	4
641	Discovery of a Novel Inhibitor of the Hedgehog Signaling Pathway through Cell-based Compound Discovery and Target Prediction. *Angewandte Chemie - International Edition*, **2017**, 56, 13021-13025	16.4	17
640	Highly Enantioselective Catalytic Vinylogous Propargylation of Coumarins Yields a Class of Autophagy Inhibitors. *Angewandte Chemie*, **2017**, 129, 11384-11388	3.6	5
639	Highly Enantioselective Catalytic Vinylogous Propargylation of Coumarins Yields a Class of Autophagy Inhibitors. *Angewandte Chemie - International Edition*, **2017**, 56, 11232-11236	16.4	45
638	Small Molecules Inspired by the Natural Product Withanolides as Potent Inhibitors of Wnt Signaling. *ChemBioChem*, **2017**, 18, 1797-1806	3.8	10
637	Lateral Organization of Host Heterogeneous Raft-like Membranes Altered by the Myristoyl Modification of Tyrosine Kinase c-Src. *Angewandte Chemie*, **2017**, 129, 10647-10651	3.6	4
636	Biology-Oriented Synthesis of Decahydro-4,8-epoxyazulene Scaffolds. *Synlett*, **2017**, 28, 2918-2922	2.2	4
635	Lateral Organization of Host Heterogeneous Raft-like Membranes Altered by the Myristoyl Modification of Tyrosine Kinase c-Src. *Angewandte Chemie - International Edition*, **2017**, 56, 10511-10515	16.4	8
634	Development of Pyridazinone Chemotypes Targeting the PDE□Prenyl Binding Site. *Chemistry - A European Journal*, **2017**, 23, 6083-6093	4.8	14
633	Na entry through heteromeric TRPC4/C1 channels mediates (-)Englerin A-induced cytotoxicity in synovial sarcoma cells. *Scientific Reports*, **2017**, 7, 16988	4.9	25
632	Identification of a small molecule inhibitor that stalls splicing at an early step of spliceosome activation. *ELife*, **2017**, 6,	8.9	31
631	Synthesis of Lipidated Proteins. *Bioconjugate Chemistry*, **2016**, 27, 1771-83	6.3	18
630	Regulation of K-Ras4B Membrane Binding by Calmodulin. *Biophysical Journal*, **2016**, 111, 113-22	2.9	38

629	Orthogonal ring-closing alkyne and olefin metathesis for the synthesis of small GTPase-targeting bicyclic peptides. *Nature Communications*, **2016**, 7, 11300	17.4	79
628	Enantiodivergent Combination of Natural Product Scaffolds Enabled by Catalytic Enantioselective Cycloaddition. *Angewandte Chemie*, **2016**, 128, 7892-7896	3.6	17
627	Activity-Based Proteome Profiling Probes Based on Woodward's Reagent K with Distinct Target Selectivity. *Angewandte Chemie*, **2016**, 128, 7897-7902	3.6	4
626	Biology-Oriented Synthesis of 3,3-Spiro(2-tetrahydrofuranyl)oxindoles. *Synthesis*, **2016**, 49, 87-95	2.9	4
625	Protease-Resistant and Cell-Permeable Double-Stapled Peptides Targeting the Rab8a GTPase. *ACS Chemical Biology*, **2016**, 11, 2375-82	4.9	51
624	Distinct Signaling Requirements for the Establishment of ESC Pluripotency in Late-Stage EpiSCs. *Cell Reports*, **2016**, 15, 787-800	10.6	22
623	A Class of Diacylglycerol Acyltransferase 1 Inhibitors Identified by a Combination of Phenotypic High-throughput Screening, Genomics, and Genetics. *EBioMedicine*, **2016**, 8, 49-59	8.8	9
622	Synthesis of an Iridoid-Inspired Compound Collection and Discovery of Autophagy Inhibitors. *Journal of Organic Chemistry*, **2016**, 81, 10242-10255	4.2	10
621	Building polycyclic indole scaffolds via gold(I)-catalyzed intra- and inter-molecular cyclization reactions of 1,6-enynes. *Tetrahedron*, **2016**, 72, 3647-3652	2.4	15
620	Lipoprotein insertion into membranes of various complexity: lipid sorting, interfacial adsorption and protein clustering. *Physical Chemistry Chemical Physics*, **2016**, 18, 8954-62	3.6	10
619	Trienamine catalyzed asymmetric synthesis and biological investigation of a cytochalasin B-inspired compound collection. *Organic and Biomolecular Chemistry*, **2016**, 14, 50-4	3.9	8
618	Organokatalytische Synthese von enantiomerenreinen 2H- und 3H-Pyrrolen: Inhibitoren des Hedgehog-Signalwegs. *Angewandte Chemie*, **2016**, 128, 7824-7828	3.6	9
617	Enantiodivergent Combination of Natural Product Scaffolds Enabled by Catalytic Enantioselective Cycloaddition. *Angewandte Chemie - International Edition*, **2016**, 55, 7761-5	16.4	46
616	The Organocatalytic Approach to Enantiopure 2H- and 3H-Pyrroles: Inhibitors of the Hedgehog Signaling Pathway. *Angewandte Chemie - International Edition*, **2016**, 55, 7693-7	16.4	29
615	Activity-Based Proteome Profiling Probes Based on Woodward's Reagent K with Distinct Target Selectivity. *Angewandte Chemie - International Edition*, **2016**, 55, 7766-71	16.4	25
614	Identification of pyrazolopyridazinones as PDE□inhibitors. *Nature Communications*, **2016**, 7, 11360	17.4	106
613	Epiblastin A Induces Reprogramming of Epiblast Stem Cells Into Embryonic Stem Cells by Inhibition of Casein Kinase 1. *Cell Chemical Biology*, **2016**, 23, 494-507	8.2	22
612	Small-Molecule Target Engagement in Cells. *Cell Chemical Biology*, **2016**, 23, 435-41	8.2	77

611	Novel approaches to map small molecule-target interactions. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 3232-45	3.4	19
610	Novel Biochemical and Structural Insights into the Interaction of Myristoylated Cargo with Unc119 Protein and Their Release by Arl2/3. *Journal of Biological Chemistry*, **2016**, 291, 20766-78	5.4	35
609	Biology-oriented synthesis of a withanolide-inspired compound collection reveals novel modulators of hedgehog signaling. *Angewandte Chemie - International Edition*, **2015**, 54, 5596-602	16.4	43
608	Phenyl Esters Are Potent Inhibitors of Caseinolytic Protease P and Reveal a Stereogenic Switch for Deoligomerization. *Journal of the American Chemical Society*, **2015**, 137, 8475-83	16.4	69
607	Hide and seek: Identification and confirmation of small molecule protein targets. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 3079-86	2.9	26
606	Biology-oriented synthesis of benzopyrano[3,4-c]pyrrolidines. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 2895-903	3.4	10
605	miRs-138 and -424 control palmitoylation-dependent CD95-mediated cell death by targeting acyl protein thioesterases 1 and 2 in CLL. *Blood*, **2015**, 125, 2948-57	2.2	30
604	Neuritogenic militarinone-inspired 4-hydroxypyridones target the stress pathway kinase MAP4K4. *Angewandte Chemie - International Edition*, **2015**, 54, 12398-403	16.4	37
603	A general catalytic reaction sequence to access alkaloid-inspired indole polycycles. *Chemical Communications*, **2015**, 51, 7536-9	5.8	26
602	Rhodium(II)-catalyzed enantioselective synthesis of troponoids. *Angewandte Chemie - International Edition*, **2015**, 54, 7653-6	16.4	14
601	Identification of siRNA delivery enhancers by a chemical library screen. *Nucleic Acids Research*, **2015** , 43, 7984-8001	20.1	48
600	Highly Enantioselective Intramolecular 1,3-Dipolar Cycloaddition: A Route to Piperidino-Pyrrolizidines. *Angewandte Chemie*, **2015**, 127, 661-665	3.6	12
599	Phosphine-catalyzed dearomatizing [3+2] annulations of isoquinolinium methylides with allenes. *Chemical Communications*, **2015**, 51, 1054-7	5.8	20
598	Highly enantioselective intramolecular 1,3-dipolar cycloaddition: a route to piperidino-pyrrolizidines. *Angewandte Chemie - International Edition*, **2015**, 54, 651-5	16.4	17
597	Neuritogenic Militarinone-Inspired 4-Hydroxypyridones Target the Stress Pathway Kinase MAP4K4. *Angewandte Chemie*, **2015**, 127, 12575-12580	3.6	13
596	Direkte Modulation von Aktivität und Funktion kleiner GTPasen. *Angewandte Chemie*, **2015**, 127, 13718-13741	3.6	9
595	(−)-Englerin A is a Potent and Selective Activator of TRPC4 and TRPC5 Calcium Channels. *Angewandte Chemie*, **2015**, 127, 3858-3862	3.6	18
594	Rhodium(II)-Catalyzed Enantioselective Synthesis of Troponoids. *Angewandte Chemie*, **2015**, 127, 7763-7766	3.6	2

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