

# Ernst K Schonbrunn

## List of Publications by Year in descending order

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37  
papers

1,593  
citations

393982

19  
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329751

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38  
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38  
docs citations

38  
times ranked

2687  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acetyl-lysine Binding Site of Bromodomain-Containing Protein 4 (BRD4) Interacts with Diverse Kinase Inhibitors. <i>ACS Chemical Biology</i> , 2014, 9, 1160-1171.	1.6	188
2	Discovery of a Potential Allosteric Ligand Binding Site in CDK2. <i>ACS Chemical Biology</i> , 2011, 6, 492-501.	1.6	151
3	Cyclin-Dependent Kinase Inhibitor Dinaciclib Interacts with the Acetyl-Lysine Recognition Site of Bromodomains. <i>ACS Chemical Biology</i> , 2013, 8, 2360-2365.	1.6	132
4	Evidence That the Fosfomycin Target Cys115 in UDP-N-acetylglucosamine Enolpyruvyl Transferase (MurA) Is Essential for Product Release. <i>Journal of Biological Chemistry</i> , 2005, 280, 3757-3763.	1.6	117
5	Fluorinated Aromatic Amino Acids Are Sensitive 19F NMR Probes for Bromodomain-Ligand Interactions. <i>ACS Chemical Biology</i> , 2014, 9, 2755-2760.	1.6	79
6	Development of Highly Potent and Selective Diaminothiazole Inhibitors of Cyclin-Dependent Kinases. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3768-3782.	2.9	73
7	Structural Basis of Wee Kinases Functionality and Inactivation by Diverse Small Molecule Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 7863-7875.	2.9	68
8	A Novel Approach to the Discovery of Small Molecule Ligands of CDK2. <i>ChemBioChem</i> , 2012, 13, 2128-2136.	1.3	65
9	A Novel Mechanism by Which Small Molecule Inhibitors Induce the DFG Flip in Aurora A. <i>ACS Chemical Biology</i> , 2012, 7, 698-706.	1.6	58
10	Dual Targeting of WEE1 and PLK1 by AZD1775 Elicits Single Agent Cellular Anticancer Activity. <i>ACS Chemical Biology</i> , 2017, 12, 1883-1892.	1.6	57
11	Molecular Basis for the N-Terminal Bromodomain-and-Extra-Terminal-Family Selectivity of a Dual Kinase-Bromodomain Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 9316-9334.	2.9	56
12	The Fungal Product Terreic Acid Is a Covalent Inhibitor of the Bacterial Cell Wall Biosynthetic Enzyme UDP-N-Acetylglucosamine 1-Carboxyvinyltransferase (MurA). <i>Biochemistry</i> , 2010, 49, 4276-4282.	1.2	50
13	Structural Insights into JAK2 Inhibition by Ruxolitinib, Fedratinib, and Derivatives Thereof. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 2228-2241.	2.9	49
14	Structural Basis of ALDH1A2 Inhibition by Irreversible and Reversible Small Molecule Inhibitors. <i>ACS Chemical Biology</i> , 2018, 13, 582-590.	1.6	48
15	Advances of small molecule targeting of kinases. <i>Current Opinion in Chemical Biology</i> , 2017, 39, 126-132.	2.8	44
16	Potent Dual BET Bromodomain-Kinase Inhibitors as Value-Added Multitargeted Chemical Probes and Cancer Therapeutics. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 1054-1067.	1.9	40
17	BET Bromodomain Inhibitors with One-Step Synthesis Discovered from Virtual Screen. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4805-4817.	2.9	39
18	Synthesis and Evaluation of Eight- and Four-Membered Iminosugar Analogues as Inhibitors of Testicular Ceramide-Specific Glucosyltransferase, Testicular $\beta$ -Glucosidase 2, and Other Glycosidases. <i>Journal of Organic Chemistry</i> , 2012, 77, 3082-3098.	1.7	38

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19	Ligand-mediated protein degradation reveals functional conservation among sequence variants of the CUL4-type E3 ligase substrate receptor cereblon. <i>Journal of Biological Chemistry</i> , 2018, 293, 6187-6200.	1.6	32
20	Differential antibacterial properties of the MurA inhibitors terreic acid and fosfomycin. <i>Journal of Basic Microbiology</i> , 2014, 54, 322-326.	1.8	22
21	Discovery of Diverse Small-Molecule Inhibitors of Mammalian Sterile-2-Like Kinase-3 (MST3). <i>ChemMedChem</i> , 2016, 11, 1137-1144.	1.6	22
22	Structural Basis of Inhibitor Selectivity in the BRD7/9 Subfamily of Bromodomains. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3227-3237.	2.9	19
23	Development of Dimethylisoxazole-Attached Imidazo[1,2- <i>a</i> ]pyridines as Potent and Selective CBP/P300 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5787-5801.	2.9	15
24	New inhibitors for the BPTF bromodomain enabled by structural biology and biophysical assay development. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5174-5182.	1.5	14
25	New Design Rules for Developing Potent Cell-Active Inhibitors of the Nucleosome Remodeling Factor (NURF) via BPTF Bromodomain Inhibition. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 13902-13917.	2.9	14
26	An Advanced Tool To Interrogate BRD9. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4459-4461.	2.9	13
27	Structure-Activity Studies of <i>N</i> -Butyl- $\epsilon$ -deoxynojirimycin ( <i>N</i> -DNJ) Analogues: Discovery of Potent and Selective Aminocyclopentitol Inhibitors of GBA1 and GBA2. <i>ChemMedChem</i> , 2017, 12, 1977-1984.	1.6	13
28	Stability of the Human Hsp90-p50Cdc37 Chaperone Complex against Nucleotides and Hsp90 Inhibitors, and the Influence of Phosphorylation by Casein Kinase 2. <i>Molecules</i> , 2015, 20, 1643-1660.	1.7	12
29	NMR Analyses of Acetylated H2A.Z Isoforms Identify Differential Binding Interactions with the Bromodomain of the NURF Nucleosome Remodeling Complex. <i>Biochemistry</i> , 2020, 59, 1871-1880.	1.2	11
30	Differential BET Bromodomain Inhibition by Dihydropteridinone and Pyrimidodiazepinone Kinase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15772-15786.	2.9	10
31	Discovery of Dual TAF1-ATR Inhibitors and Ligand-Induced Structural Changes of the TAF1 Tandem Bromodomain. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 4182-4200.	2.9	10
32	Design, Synthesis, and Characterization of a Fluorescence Polarization Pan-BET Bromodomain Probe. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 1223-1229.	1.3	8
33	Identification and Screening of Selective WEE2 Inhibitors to Develop Non-Hormonal Contraceptives that Specifically Target Meiosis. <i>ChemistrySelect</i> , 2019, 4, 13363-13369.	0.7	7
34	Development of WEE2 kinase inhibitors as novel non-hormonal female contraceptives that target meiosis. <i>Biology of Reproduction</i> , 2020, 103, 368-377.	1.2	7
35	Tetrahydroindazole inhibitors of CDK2/cyclin complexes. <i>European Journal of Medicinal Chemistry</i> , 2021, 214, 113232.	2.6	5
36	Synthesis and structural characterization of a monocarboxylic inhibitor for GRB2 SH2 domain. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 51, 128354.	1.0	5

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37	Dihydropyridine Lactam Analogs Targeting BET Bromodomains. ChemMedChem, 2022, 17, e202100407.	1.6	1