Matthias Schiedel

List of Publications by Year
in descending order

30	1,078	516710 16	477307 29
papers	citations	h-index	g-index

46	46	46	1388
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of Cellular Target Engagement Methods for the Tubulin Deacetylases Sirt2 and HDAC6: NanoBRET, CETSA, Tubulin Acetylation, and PROTACs. ACS Pharmacology and Translational Science, 2022, 5, 138-140.	4.9	10
2	A Chemical Biology Toolbox Targeting the Intracellular Binding Site of CCR9: Fluorescent Ligands, New Drug Leads and PROTACs. Angewandte Chemie - International Edition, 2022, 61, .	13.8	24
3	Development of a NanoBRET assay to validate inhibitors of Sirt2-mediated lysine deacetylation and defatty-acylation that block prostate cancer cell migration. RSC Chemical Biology, 2022, 3, 468-485.	4.1	6
4	Fluorescent Ligands Targeting the Intracellular Allosteric Binding Site of the Chemokine Receptor CCR2. ACS Chemical Biology, 2022, 17, 2142-2152.	3.4	9
5	Fragment-Based Identification of Ligands for Bromodomain-Containing Factor 3 of Trypanosoma cruzi. ACS Infectious Diseases, 2021, 7, 2238-2249.	3.8	14
6	Stereo- and regiodefined DNA-encoded chemical libraries enable efficient tumour-targeting applications. Nature Chemistry, 2021, 13, 540-548.	13.6	42
7	Call for Papers: â€œEpigenetics 2.0â€â€”A Joint Virtual Special Issue on Epigenetics. ACS Pharmacology and Translational Science, 2021, 4, 1262-1263.	4.9	0
8	Controlling Intramolecular Interactions in the Design of Selective, High-Affinity Ligands for the CREBBP Bromodomain. Journal of Medicinal Chemistry, 2021, 64, 10102-10123.	6.4	17
9	Validation of the Slow Offâ€Kinetics of Sirtuinâ€Rearranging Ligands (SirReals) by Means of Labelâ€Free Electrically Switchable Nanolever Technology. ChemBioChem, 2020, 21, 1161-1166.	2.6	6
10	A Singleâ€Stranded DNAâ€Encoded Chemical Library Based on a Stereoisomeric Scaffold Enables Ligand Discovery by Modular Assembly of Building Blocks. Advanced Science, 2020, 7, 2001970.	11.2	30
11	HaloTagâ€Targeted Sirtuinâ€Rearranging Ligand (SirReal) for the Development of Proteolysisâ€Targeting Chimeras (PROTACs) against the Lysine Deacetylase Sirtuin 2 (Sirt2)**. ChemBioChem, 2020, 21, 3371-3376.	2.6	13
12	Selective Fragments for the CREBBP Bromodomain Identified from an Encoded Selfâ€assembly Chemical Library. ChemMedChem, 2020, 15, 1752-1756.	3.2	15
13	Chemical Epigenetics: The Impact of Chemical and Chemical Biology Techniques on Bromodomain Target Validation. Angewandte Chemie - International Edition, 2019, 58, 17930-17952.	13.8	31
14	Chemische Epigenetik: der Einfluss chemischer und chemoâ€biologischer Techniken auf die Zielstrukturâ€Validierung von BromodomÃnen. Angewandte Chemie, 2019, 131, 18096-18120.	2.0	3
15	New chemical tools for probing activity and inhibition of the NAD ⁺ -dependent lysine deacylase sirtuin 2. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170083.	4.0	21
16	The Current State of NAD⁺â€Dependent Histone Deacetylases (Sirtuins) as Novel Therapeutic Targets. Medicinal Research Reviews, 2018, 38, 147-200.	10.5	88
17	Chemically Induced Degradation of Sirtuin 2 (Sirt2) by a Proteolysis Targeting Chimera (PROTAC) Based on Sirtuin Rearranging Ligands (SirReals). Journal of Medicinal Chemistry, 2018, 61, 482-491.	6.4	204
18	BET bromodomain ligands: Probing the WPF shelf to improve BRD4 bromodomain affinity and metabolic stability. Bioorganic and Medicinal Chemistry, 2018, 26, 2937-2957.	3.0	19

#	Article	IF	Citations
19	Opening the Selectivity Pocket in the Human Lysine Deacetylase Sirtuin2 â€“ New Opportunities, New Questions. Chemical Record, 2018, 18, 1701-1707.	5.8	10
20	Small molecules as tools to study the chemical epigenetics of lysine acetylation. Current Opinion in Chemical Biology, 2018, 45, 166-178.	6.1	35
21	Synthesis and biological evaluation of 8-hydroxy-2,7-naphthyridin-2-ium salts as novel inhibitors of acetylcholinesterase (AChE) and butyrylcholinesterase (BChE). MedChemComm, 2017, 8, 465-470.	3.4	3
22	Modulation Of Microtubule Acetylation By The Interplay Of TPPP/p25, SIRT2 And New Anticancer Agents With Anti-SIRT2 Potency. Scientific Reports, 2017, 7, 17070.	3.3	17
23	Structureâ€Based Development of an Affinity Probe for Sirtuinâ€...2. Angewandte Chemie - International Edition, 2016, 55, 2252-2256.	13.8	50
24	Sorafenib Promotes Graft-Versus-Leukemia Activity in Mice and Humans through IL-15 Production in Leukemia Cells. Biology of Blood and Marrow Transplantation, 2016, 22, S90.	2.0	4
25	Strukturbasierte Entwicklung einer AffinitÃtssonde fÃ¼r Sirtuin 2. Angewandte Chemie, 2016, 128, 2293-2297.	2.0	5
26	A Continuous, Fluorogenic Sirtuin 2 Deacylase Assay: Substrate Screening and Inhibitor Evaluation. Journal of Medicinal Chemistry, 2016, 59, 1021-1031.	6.4	46
27	Aminothiazoles as Potent and Selective Sirt2 Inhibitors: A Structureâ€“Activity Relationship Study. Journal of Medicinal Chemistry, 2016, 59, 1599-1612.	6.4	76
28	Selective Sirt2 inhibition by ligand-induced rearrangement of the active site. Nature Communications, 2015, 6, 6263.	12.8	222
29	Chromo-pharmacophores: photochromic diarylmaleimide inhibitors for sirtuins. Chemical Science, 2014, 5, 4794-4799.	7.4	51
30	Chemischâ€biologischer Werkzeugkasten fÃ¼r die intrazellulÃre Bindungsstelle von CCR9: Fluoreszierende Liganden, neue Leitstrukturen und PROTACs. Angewandte Chemie, 0, , .	2.0	0