Finn K Hansen

List of Publications by Year
in descending order

67 papers	1,488 citations	279798 23 h-index	330143 37 g-index
73 all docs	73 docs citations	73 times ranked	2060 citing authors

#	Article	IF	Citations
1	Histone Deacetylase (HDAC) Inhibitors with a Novel Connecting Unit Linker Region Reveal a Selectivity Profile for HDAC4 and HDAC5 with Improved Activity against Chemoresistant Cancer Cells. Journal of Medicinal Chemistry, 2013, 56, 427-436.	6.4	152
2	Anticancer Therapy with HDAC Inhibitors: Mechanism-Based Combination Strategies and Future Perspectives. Cancers, 2021, 13, 634.	3.7	96
3	HDAC4: a key factor underlying brain developmental alterations in CDKL5 disorder. Human Molecular Genetics, 2016, 25, 3887-3907.	2.9	77
4	Histone Deacetylase 6-Selective Inhibitors and the Influence of Capping Groups on Hydroxamate-Zinc Denticity. Journal of Medicinal Chemistry, 2018, 61, 8054-8060.	6.4	76
5	Discovery of HDAC inhibitors with potent activity against multiple malaria parasite life cycle stages. European Journal of Medicinal Chemistry, 2014, 82, 204-213.	5.5	68
6	HDAC5 controls the functions of Foxp3⁺ Tâ€regulatory and CD8⁺ T cells. International Journal of Cancer, 2016, 138, 2477-2486.	5.1	67
7	Targeting HSP90 dimerization via the C terminus is effective in imatinib-resistant CML and lacks the heat shock response. Blood, 2018, 132, 307-320.	1.4	66
8	Lysine Acetylation in Sexual Stage Malaria Parasites Is a Target for Antimalarial Small Molecules. Antimicrobial Agents and Chemotherapy, 2014, 58, 3666-3678.	3.2	62
9	Discovery of the First-in-Class Dual Histone Deacetylaseâ€“Proteasome Inhibitor. Journal of Medicinal Chemistry, 2018, 61, 10299-10309.	6.4	62
10	Effects of novel HDAC inhibitors on urothelial carcinoma cells. Clinical Epigenetics, 2018, 10, 100.	4.1	51
11	Multicomponent Synthesis and Binding Mode of Imidazo[1,2-a]pyridine-Capped Selective HDAC6 Inhibitors. Organic Letters, 2018, 20, 3255-3258.	4.6	43
12	Hydroxamic Acids Immobilized on Resins (HAIRs): Synthesis of Dualâ€Targeting HDAC Inhibitors and HDAC Degraders (PROTACs). Angewandte Chemie - International Edition, 2020, 59, 22494-22499.	13.8	42
13	Alkoxyurea-Based Histone Deacetylase Inhibitors Increase Cisplatin Potency in Chemoresistant Cancer Cell Lines. Journal of Medicinal Chemistry, 2017, 60, 5334-5348.	6.4	37
14	Class I <scp>HDAC</scp>s specifically regulate Eâ€cadherin expression in human renal epithelial cells. Journal of Cellular and Molecular Medicine, 2016, 20, 2289-2298.	3.6	32
15	Design, Multicomponent Synthesis, and Anticancer Activity of a Focused Histone Deacetylase (HDAC) Inhibitor Library with Peptoid-Based Cap Groups. Journal of Medicinal Chemistry, 2017, 60, 5493-5506.	6.4	32
16	Fluorinated Analogues of the Histone Deacetylase Inhibitor Vorinostat (Zolinza): Validation of a Chiral Hybrid Bioisostere, BITE. ACS Medicinal Chemistry Letters, 2019, 10, 1336-1340.	2.8	30
17	One-pot, multi-component synthesis and structure-activity relationships of peptoid-based histone deacetylase (HDAC) inhibitors targeting malaria parasites. European Journal of Medicinal Chemistry, 2018, 158, 801-813.	5.5	29
18	Long-Range Intramolecular S â†' N Acyl Migration: A Study of the Formation of Native Peptide Analogues via 13-, 15-, and 16-Membered Cyclic Transition States. Journal of Organic Chemistry, 2012, 77, 2637-2648.	3.2	28

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19	Synthesis of Peptoid-Based Class I-Selective Histone Deacetylase Inhibitors with Chemosensitizing Properties. Journal of Medicinal Chemistry, 2019, 62, 11260-11279.	6.4	27
20	Multicomponent Synthesis, Binding Mode, and Structureâ€“Activity Relationship of Selective Histone Deacetylase 6 (HDAC6) Inhibitors with Bifurcated Capping Groups. Journal of Medicinal Chemistry, 2020, 63, 10339-10351.	6.4	27
21	EDTA aggregates induce SYPRO orange-based fluorescence in thermal shift assay. PLoS ONE, 2017, 12, e0177024.	2.5	27
22	Synthesis, Antimalarial Properties, and SAR Studies of Alkoxyureaâ€Based HDAC Inhibitors. ChemMedChem, 2014, 9, 665-670.	3.2	26
23	Structureâ€“Activity and Structureâ€“Toxicity Relationships of Peptoidâ€Based Histone Deacetylase Inhibitors with Dualâ€Stage Antiplasmodial Activity. ChemMedChem, 2019, 14, 912-926.	3.2	24
24	4-Acyl Pyrrole Capped HDAC Inhibitors: A New Scaffold for Hybrid Inhibitors of BET Proteins and Histone Deacetylases as Antileukemia Drug Leads. Journal of Medicinal Chemistry, 2021, 64, 14620-14646.	6.4	22
25	Microwave-assisted chemical ligation of S-acyl peptides containing non-terminal cysteine residues. Organic and Biomolecular Chemistry, 2011, 9, 7162.	2.8	18
26	A New Benzotriazoleâ€Mediated Stereoflexible Gateway to Heteroâ€2,5â€diketopiperazines. Chemistry - A European Journal, 2012, 18, 2632-2638.	3.3	18
27	Fluorescent analogs of peptoid-based HDAC inhibitors: Synthesis, biological activity and cellular uptake kinetics. Bioorganic and Medicinal Chemistry, 2019, 27, 115039.	3.0	18
28	Efficient synthesis and 5-LOX/COX-inhibitory activity of some 3-hydroxybenzo[b]thiophene-2-carboxylic acid derivatives. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5031-5034.	2.2	17
29	Î±â€Aminoxy Oligopeptides: Synthesis, Secondary Structure, and Cytotoxicity of a New Class of Anticancer Foldamers. Chemistry - A European Journal, 2016, 22, 17600-17611.	3.3	16
30	Isophthalic Acidâ€Based HDAC Inhibitors as Potent Inhibitors of HDAC8 from Schistosoma mansoni. Archiv Der Pharmazie, 2017, 350, 1700096.	4.1	16
31	Design and Synthesis of Terephthalic Acidâ€Based Histone Deacetylase Inhibitors with Dualâ€Stage Antiâ€Plasmodium Activity. ChemMedChem, 2017, 12, 1627-1636.	3.2	14
32	Development of a First-in-Class Small-Molecule Inhibitor of the C-Terminal Hsp90 Dimerization. ACS Central Science, 2022, 8, 636-655.	11.3	12
33	Design, synthesis and biological evaluation of Î²-peptoid-capped HDAC inhibitors with anti-neuroblastoma and anti-glioblastoma activity. MedChemComm, 2019, 10, 1109-1115.	3.4	11
34	Histone deacetylase inhibitors with high in vitro activities against Plasmodium falciparum isolates collected from Gabonese children and adults. Scientific Reports, 2019, 9, 17336.	3.3	11
35	Priming with HDAC Inhibitors Sensitizes Ovarian Cancer Cells to Treatment with Cisplatin and HSP90 Inhibitors. International Journal of Molecular Sciences, 2020, 21, 8300.	4.1	10
36	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

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37	Balancing Histone Deacetylase (HDAC) Inhibition and Drugâ€likeness: Biological and Physicochemical Evaluation of ClassÂI Selective HDAC Inhibitors. ChemMedChem, 2022, , .	3.2	10
38	Î±-Aminoxy Peptoids: A Unique Peptoid Backbone with a Preference forcis-Amide Bonds. Chemistry - A European Journal, 2017, 23, 3699-3707.	3.3	9
39	Design and Synthesis of Novel Antiâ€Plasmodial Histone Deacetylase Inhibitors Containing an Alkoxyamide Connecting Unit. Archiv Der Pharmazie, 2017, 350, 1600347.	4.1	9
40	Antiproliferation and Antiencystation Effect of Class II Histone Deacetylase Inhibitors on Acanthamoeba castellanii. ACS Infectious Diseases, 2022, 8, 271-279.	3.8	9
41	Investigation of the inÂvitro and inÂvivo efficacy of peptoid-based HDAC inhibitors with dual-stage antiplasmodial activity. European Journal of Medicinal Chemistry, 2021, 211, 113065.	5.5	8
42	Borinostats: solid-phase synthesis of carborane-capped histone deacetylase inhibitors with a tailor-made selectivity profile. Chemical Science, 2021, 12, 11873-11881.	7.4	8
43	Synergistic induction of apoptosis in resistant head and neck carcinoma and leukemia by alkoxyamide-based histone deacetylase inhibitors. European Journal of Medicinal Chemistry, 2021, 211, 113095.	5.5	8
44	Design, Synthesis, and Conformational Analysis of Trispyrimidonamides as Î±-Helix Mimetics. Journal of Organic Chemistry, 2014, 79, 1582-1593.	3.2	5
45	Convenient Synthesis of 5-Substituted 2-Amino[1,2,4]triazolo[1,5- a][1,3,5]triazin-7(6H)-ones from N-Triazolide Imidates and 1,2,4-Triazole-3,5-diamine. Synthesis, 2010, 2010, 1645-1648.	2.3	4
46	Efficient microwave-assisted synthesis of aminoxy acid conjugates. RSC Advances, 2011, 1, 602.	3.6	4
47	Efficient Microwave-Assisted Synthesis of 1,2,4-Triazole-Based Peptidomimetics Using Benzotriazole Methodology. Heterocycles, 2012, 84, 515.	0.7	4
48	Oxa Analogues of Nexturastatâ€…A Demonstrate Improved HDAC6 Selectivity and Superior Antileukaemia Activity. ChemMedChem, 2021, 16, 1799-1804.	3.2	4
49	Ubiquitin-proteasome System Is a Promising Target for Killing Cisplatin-resistant Bladder Cancer Cells. Anticancer Research, 2021, 41, 2901-2912.	1.1	4
50	Synthesis, Antiplasmodial, and Antileukemia Activity of Dihydroartemisininâ€“HDAC Inhibitor Hybrids as Multitarget Drugs. Pharmaceuticals, 2022, 15, 333.	3.8	4
51	Capture of benzotriazole-based Mannich electrophiles by CH-acidic compounds. RSC Advances, 2013, 3, 4152.	3.6	3
52	In Vitro Assessment of the Genotoxic Hazard of Novel Hydroxamic Acid- and Benzamide-Type Histone Deacetylase Inhibitors (HDACi). International Journal of Molecular Sciences, 2020, 21, 4747.	4.1	3
53	New Drug Modalities in Medicinal Chemistry, Pharmacology, and Translational Science: Joint Virtual Special Issue by Journal of Medicinal Chemistry, ACS Medicinal Chemistry Letters, and ACS Pharmacology & Translational Science. Journal of Medicinal Chemistry, 2021, 64, 13935-13936.	6.4	3
54	Expedient Microwave-Assisted Synthesis of Novel 6-Substituted 5-Alkoxy(benzyloxy)-3,6-dihydro-2H-1,3,4-oxadiazin-2-ones. Synlett, 2012, 23, 637-639.	1.8	2

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55	Efficient synthesis of flupirtine analogues derived from pyrimidine. Journal of Heterocyclic Chemistry, 2012, 49, 321-328.	2.6	2
56	Hydroxamic Acids Immobilized on Resins (HAIRs): Synthese von Dualâ€Targetâ€HDACâ€Inhibitoren und HDACâ€PROTACs. Angewandte Chemie, 2020, 132, 22681-22687.	2.0	2
57	Hybrid Peptides Based on Î±â€Aminoxy Acids as Antimicrobial and Anticancer Foldamers. ChemPlusChem, 2021, 86, 827-835.	2.8	2
58	New Drug Modalities in Medicinal Chemistry, Pharmacology, and Translational Science: Joint Virtual Special Issue by Journal of Medicinal Chemistry, ACS Medicinal Chemistry Letters, and ACS Pharmacology & Translational Science. ACS Medicinal Chemistry Letters, 2021, 12, 1508-1509.	2.8	2
59	A Novel Zinc Binding Group for HDAC6 Inhibition. FASEB Journal, 2022, 36, .	0.5	2
60	Synthesis of Novel N,3-Substituted 3H-[1,2,3]Triazolo[4,5-d]pyrimidin-5-amines. Synthesis, 2010, 2010, 689-693.	2.3	1
61	Facile Synthesis and Inâ€Vitro Antimalarial Activity of Novel Î±â€Hydroxy Hydrazonates. Archiv Der Pharmazie, 2011, 344, 755-764.	4.1	1
62	Expedient Microwave-Assisted Synthesis of 5-Benzoylamino-2-(aralkylsulfanyl)pyrimidin-4(3H)-ones. Synthesis, 2010, 2010, 2583-2587.	2.3	0
63	Editorial: Chemical Innovative Approaches in Cancer Molecular Medicine and Translational Clinical Research. Frontiers in Chemistry, 2020, 8, 820.	3.6	0
64	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
65	New Drug Modalities in Medicinal Chemistry, Pharmacology, and Translational Science: Joint Virtual Special Issue by Journal of Medicinal Chemistry, ACS Medicinal Chemistry Letters, and ACS Pharmacology & Translational Science. ACS Pharmacology and Translational Science, 2021, 4, 1712-1713.	4.9	0
66	The Dual Histone Deacetylase-Proteasome Inhibitor RTS-V5 Acts Synergistically With Ritonavir to Induce Endoplasmic Reticulum Stress in Bladder Cancer Cells. Anticancer Research, 2021, 41, 5987-5996.	1.1	0
67	Development and Biological Evaluation of the First Highly Potent and Specific Benzamide-Based Radiotracer [18F]BA3 for Imaging of Histone Deacetylases 1 and 2 in Brain. Pharmaceuticals, 2022, 15, 324.	3.8	0