

Benjamin Z Stanton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3647046/publications.pdf>

Version: 2024-02-01

32
papers

2,146
citations

394421

19
h-index

501196

28
g-index

39
all docs

39
docs citations

39
times ranked

3651
citing authors

#	ARTICLE	IF	CITATIONS
1	A small molecule that binds Hedgehog and blocks its signaling in human cells. <i>Nature Chemical Biology</i> , 2009, 5, 154-156.	8.0	273
2	Chemically induced proximity in biology and medicine. <i>Science</i> , 2018, 359, .	12.6	270
3	Small-molecule modulators of the Sonic Hedgehog signaling pathway. <i>Molecular BioSystems</i> , 2010, 6, 44-54.	2.9	191
4	Smarca4 ATPase mutations disrupt direct eviction of PRC1 from chromatin. <i>Nature Genetics</i> , 2017, 49, 282-288.	21.4	165
5	Dominant-negative SMARCA4 mutants alter the accessibility landscape of tissue-unrestricted enhancers. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 61-72.	8.2	140
6	Therapeutic strategies for diffuse midline glioma from high-throughput combination drug screening. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	129
7	Structure-activity relationship study of antimalarial indolo [2,1-b]quinazoline-6,12-diones (tryptanthrins). Three dimensional pharmacophore modeling and identification of new antimalarial candidates. <i>European Journal of Medicinal Chemistry</i> , 2004, 39, 59-67.	5.5	116
8	Histone hyperacetylation disrupts core gene regulatory architecture in rhabdomyosarcoma. <i>Nature Genetics</i> , 2019, 51, 1714-1722.	21.4	113
9	Chemical genomics reveals histone deacetylases are required for core regulatory transcription. <i>Nature Communications</i> , 2019, 10, 3004.	12.8	107
10	Minimal Pharmacophoric Elements and Fragment Hopping, an Approach Directed at Molecular Diversity and Isozyme Selectivity. Design of Selective Neuronal Nitric Oxide Synthase Inhibitors. <i>Journal of the American Chemical Society</i> , 2008, 130, 3900-3914.	13.7	101
11	Trac-looping measures genome structure and chromatin accessibility. <i>Nature Methods</i> , 2018, 15, 741-747.	19.0	74
12	Syntheses of aminoalcohol-derived macrocycles leading to a small-molecule binder to and inhibitor of Sonic Hedgehog. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6319-6325.	2.2	71
13	mSWI/SNF promotes Polycomb repression both directly and through genome-wide redistribution. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 501-511.	8.2	50
14	Discovery of Small-Molecule Modulators of the Sonic Hedgehog Pathway. <i>Journal of the American Chemical Society</i> , 2013, 135, 9675-9680.	13.7	41
15	Macrocyclic Hedgehog Pathway Inhibitors: Optimization of Cellular Activity and Mode of Action Studies. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 808-813.	2.8	39
16	Discovery and Characterization of a Cellular Potent Positive Allosteric Modulator of the Polycomb Repressive Complex 1 Chromodomain, CBX7. <i>Cell Chemical Biology</i> , 2019, 26, 1365-1379.e22.	5.2	38
17	Interaction between SNAI2 and MYOD enhances oncogenesis and suppresses differentiation in Fusion Negative Rhabdomyosarcoma. <i>Nature Communications</i> , 2021, 12, 192.	12.8	33
18	Miswired Enhancer Logic Drives a Cancer of the Muscle Lineage. <i>IScience</i> , 2020, 23, 101103.	4.1	26

#	ARTICLE	IF	CITATIONS
19	BAF complexes drive proliferation and block myogenic differentiation in fusion-positive rhabdomyosarcoma. <i>Nature Communications</i> , 2021, 12, 6924.	12.8	25
20	Succinate dehydrogenase/complex II is critical for metabolic and epigenetic regulation of T cell proliferation and inflammation. <i>Science Immunology</i> , 2022, 7, eabm8161.	11.9	23
21	Evidence of pioneer factor activity of an oncogenic fusion transcription factor. <i>Science</i> , 2021, 24, 102867.	4.1	22
22	Measurement of differential chromatin interactions with absolute quantification of architecture (AQuA-HiChIP). <i>Nature Protocols</i> , 2020, 15, 1209-1236.	12.0	19
23	Pioneer factors in development and cancer. <i>Science</i> , 2021, 24, 103132.	4.1	15
24	The FLI portion of EWS/FLI contributes a transcriptional regulatory function that is distinct and separable from its DNA-binding function in Ewing sarcoma. <i>Oncogene</i> , 2021, 40, 4759-4769.	5.9	14
25	Epigenetic regulation of nuclear lamina-associated heterochromatin by HAT1 and the acetylation of newly synthesized histones. <i>Nucleic Acids Research</i> , 2021, 49, 12136-12151.	14.5	14
26	SNAI2-Mediated Repression of <i>BIM</i> Protects Rhabdomyosarcoma from Ionizing Radiation. <i>Cancer Research</i> , 2021, 81, 5451-5463.	0.9	13
27	A General Non- ³² P-ATPase Assay for Chromatin Remodeling Complexes. <i>Current Protocols in Chemical Biology</i> , 2017, 9, 1-10.	1.7	7
28	Inducible Protein Degradation to Understand Genome Architecture. <i>Biochemistry</i> , 2021, 60, 2387-2396.	2.5	5
29	Absolute Quantification of Architecture (AQuA-HiChIP) Enables Measurement of Differential Chromatin Interactions. <i>Protocol Exchange</i> , 0, , .	0.3	3
30	Discovery and Characterization of a Cellularly Potent Positive Allosteric Modulator of the Polycomb Repressive Complex 1 Chromodomain, CBX7. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
31	Discovery and Characterization of Macrocyclic Thiopeptide Proteasome Inhibitors for Hematologic Malignancies. <i>Blood</i> , 2008, 112, 3669-3669.	1.4	0
32	Defining CBX7-Dependent Chromatin Architecture with Rapid Small-Molecule Inhibition. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0