

Cigall Kadoch

List of Publications by Year in descending order

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47
papers

6,643
citations

126907

33
h-index

214800

47
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50
all docs

50
docs citations

50
times ranked

9936
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Oriented Hexasomes and Asymmetric Nucleosomes Using a Template Editing Process. <i>Journal of the American Chemical Society</i> , 2022, 144, 2284-2291.	13.7	5
2	The FUS::DDIT3 fusion oncoprotein inhibits BAF complex targeting and activity in myxoid liposarcoma. <i>Molecular Cell</i> , 2022, 82, 1737-1750.e8.	9.7	11
3	SMARCE1 deficiency generates a targetable mSWI/SNF dependency in clear cell meningioma. <i>Nature Genetics</i> , 2022, 54, 861-873.	21.4	16
4	Genome-wide CRISPR Screens Reveal Host Factors Critical for SARS-CoV-2 Infection. <i>Cell</i> , 2021, 184, 76-91.e13.	28.9	418
5	Opposing immune and genetic mechanisms shape oncogenic programs in synovial sarcoma. <i>Nature Medicine</i> , 2021, 27, 289-300.	30.7	64
6	Chromatin landscape signals differentially dictate the activities of mSWI/SNF family complexes. <i>Science</i> , 2021, 373, 306-315.	12.6	64
7	OCT4 cooperates with distinct ATP-dependent chromatin remodelers in naïve and primed pluripotent states in human. <i>Nature Communications</i> , 2021, 12, 5123.	12.8	17
8	A Structural Model of the Endogenous Human BAF Complex Informs Disease Mechanisms. <i>Cell</i> , 2020, 183, 802-817.e24.	28.9	100
9	Mammalian SWI/SNF Chromatin Remodeling Complexes: Emerging Mechanisms and Therapeutic Strategies. <i>Trends in Genetics</i> , 2020, 36, 936-950.	6.7	172
10	BICRA, a SWI/SNF Complex Member, Is Associated with BAF-Disorder Related Phenotypes in Humans and Model Organisms. <i>American Journal of Human Genetics</i> , 2020, 107, 1096-1112.	6.2	32
11	ARID1A loss in neuroblastoma promotes the adrenergic-to-mesenchymal transition by regulating enhancer-mediated gene expression. <i>Science Advances</i> , 2020, 6, eaaz3440.	10.3	47
12	The nucleosome acidic patch and H2A ubiquitination underlie mSWI/SNF recruitment in synovial sarcoma. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 836-845.	8.2	32
13	A Novel SS18-SSX Fusion-specific Antibody for the Diagnosis of Synovial Sarcoma. <i>American Journal of Surgical Pathology</i> , 2020, 44, 922-933.	3.7	131
14	ARID1A determines luminal identity and therapeutic response in estrogen-receptor-positive breast cancer. <i>Nature Genetics</i> , 2020, 52, 198-207.	21.4	140
15	Mammalian SWI/SNF Complex Genomic Alterations and Immune Checkpoint Blockade in Solid Tumors. <i>Cancer Immunology Research</i> , 2020, 8, 1075-1084.	3.4	47
16	Synthetic Lethal and Resistance Interactions with BET Bromodomain Inhibitors in Triple-Negative Breast Cancer. <i>Molecular Cell</i> , 2020, 78, 1096-1113.e8.	9.7	114
17	Diverse compositions and functions of chromatin remodeling machines in cancer. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	17
18	The ATPase module of mammalian SWI/SNF family complexes mediates subcomplex identity and catalytic activity-independent genomic targeting. <i>Nature Genetics</i> , 2019, 51, 618-626.	21.4	81

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19	Recurrent SMARCB1 Mutations Reveal a Nucleosome Acidic Patch Interaction Site That Potentiates mSWI/SNF Complex Chromatin Remodeling. <i>Cell</i> , 2019, 179, 1342-1356.e23.	28.9	72
20	Spliceosomal disruption of the non-canonical BAF complex in cancer. <i>Nature</i> , 2019, 574, 432-436.	27.8	163
21	Chromatin regulatory mechanisms and therapeutic opportunities in cancer. <i>Nature Cell Biology</i> , 2019, 21, 152-161.	10.3	140
22	Wiskottâ€Aldrich syndrome protein (WASP) is a tumor suppressor in T cell lymphoma. <i>Nature Medicine</i> , 2019, 25, 130-140.	30.7	57
23	Structure and Function of ATP-Dependent Chromatin Remodeling Complexes in Human Cancer. <i>Blood</i> , 2019, 134, SCI-48-SCI-48.	1.4	2
24	Renal medullary carcinomas depend upon SMARCB1 loss and are sensitive to proteasome inhibition. <i>ELife</i> , 2019, 8, .	6.0	32
25	Structure and Function of Mammalian SWI/SNF Chromatin Remodeling Complexes in Human Disease. <i>FASEB Journal</i> , 2019, 33, 92.1.	0.5	0
26	Disruption of mammalian SWI/SNF and polycomb complexes in human sarcomas: mechanisms and therapeutic opportunities. <i>Journal of Pathology</i> , 2018, 244, 638-649.	4.5	30
27	A non-canonical SWI/SNF complex is a synthetic lethal target in cancers driven by BAF complex perturbation. <i>Nature Cell Biology</i> , 2018, 20, 1410-1420.	10.3	265
28	Modular Organization and Assembly of SWI/SNF Family Chromatin Remodeling Complexes. <i>Cell</i> , 2018, 175, 1272-1288.e20.	28.9	460
29	Interrogation of Mammalian Protein Complex Structure, Function, and Membership Using Genome-Scale Fitness Screens. <i>Cell Systems</i> , 2018, 6, 555-568.e7.	6.2	126
30	The SS18-SSX Fusion Oncoprotein Hijacks BAF Complex Targeting and Function to Drive Synovial Sarcoma. <i>Cancer Cell</i> , 2018, 33, 1128-1141.e7.	16.8	169
31	Binding of TMPRSS2-ERG to BAF Chromatin Remodeling Complexes Mediates Prostate Oncogenesis. <i>Molecular Cell</i> , 2018, 71, 554-566.e7.	9.7	77
32	TOP2 synergizes with BAF chromatin remodeling for both resolution and formation of facultative heterochromatin. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 344-352.	8.2	66
33	Mammalian SWI/SNF complexes in cancer: emerging therapeutic opportunities. <i>Current Opinion in Genetics and Development</i> , 2017, 42, 56-67.	3.3	142
34	A SMARCD2-containing mSWI/SNF complex is required for granulopoiesis. <i>Nature Genetics</i> , 2017, 49, 655-657.	21.4	7
35	Dynamics of BAFâ€Polycomb complex opposition on heterochromatin in normal and oncogenic states. <i>Nature Genetics</i> , 2017, 49, 213-222.	21.4	220
36	Smarca4 ATPase mutations disrupt direct eviction of PRC1 from chromatin. <i>Nature Genetics</i> , 2017, 49, 282-288.	21.4	165

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37	SMARCB1 is required for widespread BAF complex-mediated activation of enhancers and bivalent promoters. <i>Nature Genetics</i> , 2017, 49, 1613-1623.	21.4	207
38	Cancer-Specific Retargeting of BAF Complexes by a Prion-like Domain. <i>Cell</i> , 2017, 171, 163-178.e19.	28.9	350
39	A Two-Faced mSWI/SNF Subunit: Dual Roles for ARID1A in Tumor Suppression and Oncogenicity in the Liver. <i>Cancer Cell</i> , 2017, 32, 542-543.	16.8	27
40	Composition and Function of Mammalian SWI/SNF Chromatin Remodeling Complexes in Human Disease. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2016, 81, 53-60.	1.1	80
41	Current state of pediatric sarcoma biology and opportunities for future discovery: A report from the sarcoma translational research workshop. <i>Cancer Genetics</i> , 2016, 209, 182-194.	0.4	38
42	Lifting Up the HAT: Synthetic Lethal Screening Reveals a Novel Vulnerability at the CBP-p300 Axis. <i>Cancer Discovery</i> , 2016, 6, 350-352.	9.4	5
43	Polycomb and trithorax opposition in development and disease. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2016, 5, 659-688.	5.9	37
44	PRC2 and SWI/SNF Chromatin Remodeling Complexes in Health and Disease. <i>Biochemistry</i> , 2016, 55, 1600-1614.	2.5	104
45	Mammalian SWI/SNF chromatin remodeling complexes and cancer: Mechanistic insights gained from human genomics. <i>Science Advances</i> , 2015, 1, e1500447.	10.3	627
46	Reversible Disruption of mSWI/SNF (BAF) Complexes by the SS18-SSX Oncogenic Fusion in Synovial Sarcoma. <i>Cell</i> , 2013, 153, 71-85.	28.9	383
47	Proteomic and bioinformatic analysis of mammalian SWI/SNF complexes identifies extensive roles in human malignancy. <i>Nature Genetics</i> , 2013, 45, 592-601.	21.4	1,082