

# Cigall Kadoch

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

6,643  
citations

126907

33  
h-index

214800

47  
g-index

50  
all docs

50  
docs citations

50  
times ranked

9936  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | 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     |
| 2  | Mammalian SWI/SNF chromatin remodeling complexes and cancer: Mechanistic insights gained from human genomics. <i>Science Advances</i> , 2015, 1, e1500447.      | 10.3 | 627       |
| 3  | Modular Organization and Assembly of SWI/SNF Family Chromatin Remodeling Complexes. <i>Cell</i> , 2018, 175, 1272-1288.e20.                                     | 28.9 | 460       |
| 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  | 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       |
| 6  | Cancer-Specific Retargeting of BAF Complexes by a Prion-like Domain. <i>Cell</i> , 2017, 171, 163-178.e19.  | 28.9 | 350       |
| 7  | 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       |
| 8  | Dynamics of BAF's Polycomb complex opposition on heterochromatin in normal and oncogenic states. <i>Nature Genetics</i> , 2017, 49, 213-222.                    | 21.4 | 220       |
| 9  | 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       |
| 10 | Mammalian SWI/SNF Chromatin Remodeling Complexes: Emerging Mechanisms and Therapeutic Strategies. <i>Trends in Genetics</i> , 2020, 36, 936-950.                | 6.7  | 172       |
| 11 | 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       |
| 12 | Smarca4 ATPase mutations disrupt direct eviction of PRC1 from chromatin. <i>Nature Genetics</i> , 2017, 49, 282-288.  | 21.4 | 165       |
| 13 | Spliceosomal disruption of the non-canonical BAF complex in cancer. <i>Nature</i> , 2019, 574, 432-436.   | 27.8 | 163       |
| 14 | Mammalian SWI/SNF complexes in cancer: emerging therapeutic opportunities. <i>Current Opinion in Genetics and Development</i> , 2017, 42, 56-67.                | 3.3  | 142       |
| 15 | Chromatin regulatory mechanisms and therapeutic opportunities in cancer. <i>Nature Cell Biology</i> , 2019, 21, 152-161.  | 10.3 | 140       |
| 16 | ARID1A determines luminal identity and therapeutic response in estrogen-receptor-positive breast cancer. <i>Nature Genetics</i> , 2020, 52, 198-207.            | 21.4 | 140       |
| 17 | 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       |
| 18 | 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       |

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|----|--|------|-----------|
| 19 | 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       |
| 20 | PRC2 and SWI/SNF Chromatin Remodeling Complexes in Health and Disease. <i>Biochemistry</i> , 2016, 55, 1600-1614.  | 2.5  | 104       |
| 21 | A Structural Model of the Endogenous Human BAF Complex Informs Disease Mechanisms. <i>Cell</i> , 2020, 183, 802-817.e24.   | 28.9 | 100       |
| 22 | The ATPase module of mammalian SWI/SNF family complexes mediates subcomplex identity and catalytic activityâ€independent genomic targeting. <i>Nature Genetics</i> , 2019, 51, 618-626.    | 21.4 | 81        |
| 23 | 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        |
| 24 | Binding of TMPRSS2-ERG to BAF Chromatin Remodeling Complexes Mediates Prostate Oncogenesis. <i>Molecular Cell</i> , 2018, 71, 554-566.e7.  | 9.7  | 77        |
| 25 | 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        |
| 26 | 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        |
| 27 | Opposing immune and genetic mechanisms shape oncogenic programs in synovial sarcoma. <i>Nature Medicine</i> , 2021, 27, 289-300.   | 30.7 | 64        |
| 28 | Chromatin landscape signals differentially dictate the activities of mSWI/SNF family complexes. <i>Science</i> , 2021, 373, 306-315.   | 12.6 | 64        |
| 29 | Wiskottâ€Aldrich syndrome protein (WASP) is a tumor suppressor in T cell lymphoma. <i>Nature Medicine</i> , 2019, 25, 130-140.   | 30.7 | 57        |
| 30 | 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        |
| 31 | 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        |
| 32 | 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        |
| 33 | Polycomb and trithorax opposition in development and disease. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2016, 5, 659-688.  | 5.9  | 37        |
| 34 | 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        |
| 35 | 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        |
| 36 | Renal medullary carcinomas depend upon SMARCB1 loss and are sensitive to proteasome inhibition. <i>ELife</i> , 2019, 8, .  | 6.0  | 32        |

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|----|---|------|-----------|
| 37 | 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        |
| 38 | 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        |
| 39 | Diverse compositions and functions of chromatin remodeling machines in cancer. <i>Science Translational Medicine</i> , 2019, 11, .                                    | 12.4 | 17        |
| 40 | 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        |
| 41 | SMARCE1 deficiency generates a targetable mSWI/SNF dependency in clear cell meningioma. <i>Nature Genetics</i> , 2022, 54, 861-873.                                   | 21.4 | 16        |
| 42 | 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        |
| 43 | A SMARCD2-containing mSWI/SNF complex is required for granulopoiesis. <i>Nature Genetics</i> , 2017, 49, 655-657.   | 21.4 | 7         |
| 44 | 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         |
| 45 | 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         |
| 46 | Structure and Function of ATP-Dependent Chromatin Remodeling Complexes in Human Cancer. <i>Blood</i> , 2019, 134, SCI-48-SCI-48.                                      | 1.4  | 2         |
| 47 | Structure and Function of Mammalian SWI/SNF Chromatin Remodeling Complexes in Human Disease. <i>FASEB Journal</i> , 2019, 33, 92.1.                                   | 0.5  | 0         |