

# Ian J Davis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3138561/publications.pdf>

Version: 2024-02-01

31  
papers

1,514  
citations

361413

20  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

3430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using formaldehyde-assisted isolation of regulatory elements (FAIRE) to isolate active regulatory DNA. <i>Nature Protocols</i> , 2012, 7, 256-267.	12.0	274
2	Dual Chromatin and Cytoskeletal Remodeling by SETD2. <i>Cell</i> , 2016, 166, 950-962.	28.9	204
3	Variation in chromatin accessibility in human kidney cancer links H3K36 methyltransferase loss with widespread RNA processing defects. <i>Genome Research</i> , 2014, 24, 241-250.	5.5	160
4	Tumor-specific retargeting of an oncogenic transcription factor chimera results in dysregulation of chromatin and transcription. <i>Genome Research</i> , 2012, 22, 259-270.	5.5	96
5	The Cardiac TBX5 Interactome Reveals a Chromatin Remodeling Network Essential for Cardiac Septation. <i>Developmental Cell</i> , 2016, 36, 262-275.	7.0	71
6	Structure/Function Analysis of Recurrent Mutations in SETD2 Protein Reveals a Critical and Conserved Role for a SET Domain Residue in Maintaining Protein Stability and Histone H3 Lys-36 Trimethylation. <i>Journal of Biological Chemistry</i> , 2016, 291, 21283-21295.	3.4	64
7	HDAC inhibition results in widespread alteration of the histone acetylation landscape and BRD4 targeting to gene bodies. <i>Cell Reports</i> , 2021, 34, 108638.	6.4	60
8	Emerging novel agents for patients with advanced Ewing sarcoma: a report from the Children's Oncology Group (COG) New Agents for Ewing Sarcoma Task Force. <i>F1000Research</i> , 2019, 8, 493.	1.6	57
9	H3K36 Methylation Regulates Nutrient Stress Response in <i>Saccharomyces cerevisiae</i> by Enforcing Transcriptional Fidelity. <i>Cell Reports</i> , 2017, 19, 2371-2382.	6.4	54
10	Accelerated aging among childhood, adolescent, and young adult cancer survivors is evidenced by increased expression of p16 <sup>INK4a</sup> and frailty. <i>Cancer</i> , 2020, 126, 4975-4983.	4.1	47
11	LKB1 loss in melanoma disrupts directional migration toward extracellular matrix cues. <i>Journal of Cell Biology</i> , 2014, 207, 299-315.	5.2	41
12	Spt6 Association with RNA Polymerase II Directs mRNA Turnover During Transcription. <i>Molecular Cell</i> , 2018, 70, 1054-1066.e4.	9.7	38
13	A Detailed Protocol for Formaldehyde-Assisted Isolation of Regulatory Elements (FAIRE). <i>Current Protocols in Molecular Biology</i> , 2013, 102, Unit21.26.	2.9	35
14	Widespread Chromatin Accessibility at Repetitive Elements Links Stem Cells with Human Cancer. <i>Cell Reports</i> , 2016, 17, 1607-1620.	6.4	32
15	Mit Transcription Factor Associated Malignancies in Man. <i>Cell Cycle</i> , 2007, 6, 1724-1729.	2.6	31
16	A Role for Widely Interspaced Zinc Finger (WIZ) in Retention of the G9a Methyltransferase on Chromatin. <i>Journal of Biological Chemistry</i> , 2015, 290, 26088-26102.	3.4	29
17	Subtumoral analysis of PRINT nanoparticle distribution reveals targeting variation based on cellular and particle properties. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1053-1062.	3.3	27
18	Targeting disialoganglioside GD2 with chimeric antigen receptor-redirectioned T cells in lung cancer. , 2022, 10, e003897.		27

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19	High-throughput small molecule screen identifies inhibitors of aberrant chromatin accessibility. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3018-3023.	7.1	26
20	PTEN Deficiency Mediates a Reciprocal Response to IGFI and mTOR Inhibition. Molecular Cancer Research, 2014, 12, 1610-1620.	3.4	25
21	Radiation Sensitivity in a Preclinical Mouse Model of Medulloblastoma Relies on the Function of the Intrinsic Apoptotic Pathway. Cancer Research, 2016, 76, 3211-3223.	0.9	25
22	Casein Kinase II Phosphorylation of Spt6 Enforces Transcriptional Fidelity by Maintaining Spn1-Spt6 Interaction. Cell Reports, 2018, 25, 3476-3489.e5.	6.4	20
23	EWSR1-FLI1 Activation of the Cancer/Testis Antigen FATE1 Promotes Ewing Sarcoma Survival. Molecular and Cellular Biology, 2019, 39, .	2.3	15
24	PBRM1 Inactivation Promotes Upregulation of Human Endogenous Retroviruses in a HIF-Dependent Manner. Cancer Immunology Research, 2022, 10, 285-290.	3.4	13
25	Cavitation Enhancement Increases the Efficiency and Consistency of Chromatin Fragmentation from Fixed Cells for Downstream Quantitative Applications. Biochemistry, 2018, 57, 2756-2761.	2.5	11
26	An optogenetic switch for the Set2 methyltransferase provides evidence for transcription-dependent and -independent dynamics of H3K36 methylation. Genome Research, 2020, 30, 1605-1617.	5.5	10
27	Post-transplant lymphoproliferative disorder of the pediatric airway: Presentation and management. International Journal of Pediatric Otorhinolaryngology, 2016, 86, 218-223.	1.0	9
28	Linking germline and somatic variation in Ewing sarcoma. Nature Genetics, 2015, 47, 964-965.	21.4	4
29	Chromatin Accessibility as a Strategy to Detect Changes Associated With Development, Disease, and Exposure and Susceptibility to Chemical Toxins. , 2019, , 85-103.		3
30	Discrete Adaptive Responses to MEK Inhibitor in Subpopulations of Triple-Negative Breast Cancer. Molecular Cancer Research, 2020, 18, 1685-1698.	3.4	3
31	Genome-wide cancer-specific chromatin accessibility patterns derived from archival processed xenograft tumors. Genome Research, 2021, 31, 2327-2339.	5.5	3