

# Kunal Rai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8292445/publications.pdf>

Version: 2024-02-01

42  
papers

5,698  
citations

218677

26  
h-index

276875

41  
g-index

50  
all docs

50  
docs citations

50  
times ranked

11240  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic Classification of Cutaneous Melanoma. <i>Cell</i> , 2015, 161, 1681-1696.	28.9	2,562
2	DNA Demethylation in Zebrafish Involves the Coupling of a Deaminase, a Glycosylase, and Gadd45. <i>Cell</i> , 2008, 135, 1201-1212.	28.9	594
3	A Two-Step Model for Colon Adenoma Initiation and Progression Caused by APC Loss. <i>Cell</i> , 2009, 137, 623-634.	28.9	262
4	Ketone Body Signaling Mediates Intestinal Stem Cell Homeostasis and Adaptation to Diet. <i>Cell</i> , 2019, 178, 1115-1131.e15.	28.9	231
5	Dnmt2 functions in the cytoplasm to promote liver, brain, and retina development in zebrafish. <i>Genes and Development</i> , 2007, 21, 261-266.	5.9	179
6	Mutations in the SWI/SNF complex induce a targetable dependence on oxidative phosphorylation in lung cancer. <i>Nature Medicine</i> , 2018, 24, 1047-1057.	30.7	175
7	Zebra Fish Dnmt1 and Suv39h1 Regulate Organ-Specific Terminal Differentiation during Development. <i>Molecular and Cellular Biology</i> , 2006, 26, 7077-7085.	2.3	143
8	Accumulation of long-chain fatty acids in the tumor microenvironment drives dysfunction in intrapancreatic CD8+ T cells. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	142
9	KMT2D Deficiency Impairs Super-Enhancers to Confer a Glycolytic Vulnerability in Lung Cancer. <i>Cancer Cell</i> , 2020, 37, 599-617.e7.	16.8	137
10	Identification of EMT signaling cross-talk and gene regulatory networks by single-cell RNA sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	134
11	Dnmt3 and G9a Cooperate for Tissue-specific Development in Zebrafish. <i>Journal of Biological Chemistry</i> , 2010, 285, 4110-4121.	3.4	114
12	microRNA Regulatory Network Inference Identifies miR-34a as a Novel Regulator of TGF- $\beta$ 2 Signaling in Glioblastoma. <i>Cancer Discovery</i> , 2012, 2, 736-749.	9.4	99
13	DNA Demethylase Activity Maintains Intestinal Cells in an Undifferentiated State Following Loss of APC. <i>Cell</i> , 2010, 142, 930-942.	28.9	96
14	Systematic Epigenomic Analysis Reveals Chromatin States Associated with Melanoma Progression. <i>Cell Reports</i> , 2017, 19, 875-889.	6.4	78
15	PRKCI promotes immune suppression in ovarian cancer. <i>Genes and Development</i> , 2017, 31, 1109-1121.	5.9	75
16	TRIM28 and Interacting KRAB-ZNFs Control Self-Renewal of Human Pluripotent Stem Cells through Epigenetic Repression of Pro-differentiation Genes. <i>Stem Cell Reports</i> , 2017, 9, 2065-2080.	4.8	62
17	Truncating PREX2 mutations activate its GEF activity and alter gene expression regulation in NRAS-mutant melanoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1296-305.	7.1	59
18	Dual Roles of RNF2 in Melanoma Progression. <i>Cancer Discovery</i> , 2015, 5, 1314-1327.	9.4	57

#	ARTICLE	IF	CITATIONS
19	Single cell T cell landscape and T cell receptor repertoire profiling of AML in context of PD-1 blockade therapy. <i>Nature Communications</i> , 2021, 12, 6071.	12.8	44
20	Telomere dysfunction activates YAP1 to drive tissue inflammation. <i>Nature Communications</i> , 2020, 11, 4766.	12.8	42
21	Dual roles for adenomatous polyposis coli in regulating retinoic acid biosynthesis and Wnt during ocular development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 13409-13414.	7.1	39
22	KMT2D/MLL2 inactivation is associated with recurrence in adult-type granulosa cell tumors of the ovary. <i>Nature Communications</i> , 2018, 9, 2496.	12.8	39
23	Enhancer Reprogramming Confers Dependence on Glycolysis and IGF Signaling in KMT2D Mutant Melanoma. <i>Cell Reports</i> , 2020, 33, 108293.	6.4	39
24	Atypical plant homeodomain of UBR7 functions as an H2BK120Ub ligase and breast tumor suppressor. <i>Nature Communications</i> , 2019, 10, 1398.	12.8	35
25	Positive Regulation of Transcription by Human ZMYND8 through Its Association with P-TEFb Complex. <i>Cell Reports</i> , 2018, 24, 2141-2154.e6.	6.4	30
26	Increased H3K9me3 drives dedifferentiated phenotype via KLF6 repression in liposarcoma. <i>Journal of Clinical Investigation</i> , 2015, 125, 2965-2978.	8.2	29
27	Chromatin state dynamics confers specific therapeutic strategies in enhancer subtypes of colorectal cancer. <i>Gut</i> , 2022, 71, 938-949.	12.1	25
28	An Integrated Platform for Genome-wide Mapping of Chromatin States Using High-throughput CHIP-sequencing in Tumor Tissues. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	24
29	Reprogramming of H3K9bhb at regulatory elements is a key feature of fasting in the small intestine. <i>Cell Reports</i> , 2021, 37, 110044.	6.4	22
30	Reprogramming of bivalent chromatin states in NRAS mutant melanoma suggests PRC2 inhibition as a therapeutic strategy. <i>Cell Reports</i> , 2021, 36, 109410.	6.4	17
31	Machine Learning in Epigenomics: Insights into Cancer Biology and Medicine. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1876, 188588.	7.4	14
32	The androgen receptor is a therapeutic target in desmoplastic small round cell sarcoma. <i>Nature Communications</i> , 2022, 13, .	12.8	14
33	Enhancer reprogramming in PRC2-deficient malignant peripheral nerve sheath tumors induces a targetable de-differentiated state. <i>Acta Neuropathologica</i> , 2021, 142, 565-590.	7.7	12
34	Immune landscape of a genetically engineered murine model of glioma compared with human glioma. <i>JCI Insight</i> , 2022, 7, .	5.0	10
35	Multi-modal molecular programs regulate melanoma cell state. <i>Nature Communications</i> , 2022, 13, .	12.8	9
36	Experimental models of undifferentiated pleomorphic sarcoma and malignant peripheral nerve sheath tumor. <i>Laboratory Investigation</i> , 2022, 102, 658-666.	3.7	7

#	ARTICLE	IF	CITATIONS
37	Loss of histone acetylation and H3K4 methylation promotes melanocytic malignant transformation. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1359229.	0.7	5
38	Personalized Cancer Therapy: YES1 Is the New Kid on the Block. <i>Cancer Research</i> , 2019, 79, 5702-5703.	0.9	5
39	Methylation-eQTL analysis in cancer research. <i>Bioinformatics</i> , 2021, 37, 4014-4022.	4.1	5
40	H3K9me3-mediated repression of KLF6: Discovering a novel tumor suppressor in liposarcoma using a systematic epigenomic approach. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1093691.	0.7	2
41	Computational Analysis of Epigenetic Modifications in Melanoma. , 2019, , 327-342.		1
42	Single-Cell Characterization of Acute Myeloid Leukemia (AML) and Its Microenvironment Identifies Signatures of Resistance to PD-1 Blockade Based Therapy. <i>Blood</i> , 2020, 136, 29-31.	1.4	0