

# Ayush T Raman

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

3,273  
citations

687220

13  
h-index

752573

20  
g-index

32  
all docs

32  
docs citations

32  
times ranked

7763  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromatin state dynamics confers specific therapeutic strategies in enhancer subtypes of colorectal cancer. <i>Gut</i> , 2022, 71, 938-949.	6.1	25
2	A research parasite's perspective on establishing a baseline to avoid errors in secondary analyses. <i>GigaScience</i> , 2021, 10, .	3.3	2
3	Extended-representation bisulfite sequencing of gene regulatory elements in multiplexed samples and single cells. <i>Nature Biotechnology</i> , 2021, 39, 1086-1094.	9.4	28
4	Enhancer reprogramming in PRC2-deficient malignant peripheral nerve sheath tumors induces a targetable de-differentiated state. <i>Acta Neuropathologica</i> , 2021, 142, 565-590.	3.9	12
5	Smart-RRBS for single-cell methylome and transcriptome analysis. <i>Nature Protocols</i> , 2021, 16, 4004-4030.	5.5	34
6	Reprogramming of bivalent chromatin states in NRAS mutant melanoma suggests PRC2 inhibition as a therapeutic strategy. <i>Cell Reports</i> , 2021, 36, 109410.	2.9	17
7	Reprogramming of H3K9bhb at regulatory elements is a key feature of fasting in the small intestine. <i>Cell Reports</i> , 2021, 37, 110044.	2.9	22
8	Nr2f1 heterozygous knockout mice recapitulate neurological phenotypes of Bosch-Boonstra-Schaaf optic atrophy syndrome and show impaired hippocampal synaptic plasticity. <i>Human Molecular Genetics</i> , 2020, 29, 705-715.	1.4	12
9	Enhancer Reprogramming Confers Dependence on Glycolysis and IGF Signaling in KMT2D Mutant Melanoma. <i>Cell Reports</i> , 2020, 33, 108293.	2.9	39
10	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, .	4.2	142
11	Abstract 1248: DNA methylation biomarkers for MPNST detection in patients with neurofibromatosis type 1. , 2020, , .		0
12	Atypical plant homeodomain of UBR7 functions as an H2BK120Ub ligase and breast tumor suppressor. <i>Nature Communications</i> , 2019, 10, 1398.	5.8	35
13	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	1.4	15
14	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, , .	0.2	24
15	Detecting hidden batch factors through data-adaptive adjustment for biological effects. <i>Bioinformatics</i> , 2018, 34, 1141-1147.	1.8	14
16	Forniceal deep brain stimulation induces gene expression and splicing changes that promote neurogenesis and plasticity. <i>ELife</i> , 2018, 7, .	2.8	39
17	Loss of histone acetylation and H3K4 methylation promotes melanocytic malignant transformation. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1359229.	0.3	5
18	Apparent bias toward long gene misregulation in MeCP2 syndromes disappears after controlling for baseline variations. <i>Nature Communications</i> , 2018, 9, 3225.	5.8	37

#	ARTICLE	IF	CITATIONS
19	Abstract 4315: Colorectal cancer epigenomic landscape. , 2018, , .		0
20	TRIM28 and Interacting KRAB-ZNFs Control Self-Renewal of Human Pluripotent Stem Cells through Epigenetic Repression of Pro-differentiation Genes. Stem Cell Reports, 2017, 9, 2065-2080.	2.3	62
21	GENT-48. STRUCTURAL VARIANTS IN GLIOMAS AFFECT REGULATORY DNA ELEMENTS AND CAUSE ECTOPIC GENE EXPRESSION. Neuro-Oncology, 2016, 18, vi84-vi84.	0.6	0
22	Genomic Classification of Cutaneous Melanoma. Cell, 2015, 161, 1681-1696.	13.5	2,562
23	A FOXO3â€“IRF7 gene regulatory circuit limits inflammatory sequelae of antiviral responses. Nature, 2012, 490, 421-425.	13.7	139
24	Enhancer Reprogramming Confers Dependence on Glycolysis and IGF Signaling in KMT2D Mutant Melanoma. SSRN Electronic Journal, 0, , .	0.4	0
25	Reprogramming of H3K9bhb at Regulatory Elements is an Epigenetic Feature of Fasting in the Small Intestine. SSRN Electronic Journal, 0, , .	0.4	1