

Paul A Khavari

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

87
papers

10,428
citations

46
h-index

97
g-index

97
ext. papers

13,442
ext. citations

20.8
avg, IF

6.44
L-index

#	Paper	IF	Citations
87	An improved ATAC-seq protocol reduces background and enables interrogation of frozen tissues. <i>Nature Methods</i> , 2017 , 14, 959-962	21.6	727
86	Nucleosome disruption and enhancement of activator binding by a human SW1/SNF complex. <i>Nature</i> , 1994 , 370, 477-81	50.4	668
85	Control of somatic tissue differentiation by the long non-coding RNA TINCR. <i>Nature</i> , 2013 , 493, 231-5	50.4	665
84	BRG1 contains a conserved domain of the SWI2/SNF2 family necessary for normal mitotic growth and transcription. <i>Nature</i> , 1993 , 366, 170-4	50.4	562
83	The functions and unique features of long intergenic non-coding RNA. <i>Nature Reviews Molecular Cell Biology</i> , 2018 , 19, 143-157	48.7	549
82	HiChIP: efficient and sensitive analysis of protein-directed genome architecture. <i>Nature Methods</i> , 2016 , 13, 919-922	21.6	505
81	NF-kappaB blockade and oncogenic Ras trigger invasive human epidermal neoplasia. <i>Nature</i> , 2003 , 421, 639-43	50.4	486
80	Advances in skin grafting and treatment of cutaneous wounds. <i>Science</i> , 2014 , 346, 941-5	33.3	375
79	p63 regulates proliferation and differentiation of developmentally mature keratinocytes. <i>Genes and Development</i> , 2006 , 20, 3185-97	12.6	355
78	DNMT1 maintains progenitor function in self-renewing somatic tissue. <i>Nature</i> , 2010 , 463, 563-7	50.4	332
77	Suppression of progenitor differentiation requires the long noncoding RNA ANCR. <i>Genes and Development</i> , 2012 , 26, 338-43	12.6	321
76	Enhancer connectome in primary human cells identifies target genes of disease-associated DNA elements. <i>Nature Genetics</i> , 2017 , 49, 1602-1612	36.3	253
75	Control of differentiation in a self-renewing mammalian tissue by the histone demethylase JMJD3. <i>Genes and Development</i> , 2008 , 22, 1865-70	12.6	207
74	Genomic analysis of mycosis fungoides and Sézary syndrome identifies recurrent alterations in TNFR2. <i>Nature Genetics</i> , 2015 , 47, 1056-60	36.3	186
73	CDK4 coexpression with Ras generates malignant human epidermal tumorigenesis. <i>Nature Medicine</i> , 2002 , 8, 1105-14	50.5	168
72	Invasive three-dimensional organotypic neoplasia from multiple normal human epithelia. <i>Nature Medicine</i> , 2010 , 16, 1450-5	50.5	163
71	Lineage-specific dynamic and pre-established enhancer-promoter contacts cooperate in terminal differentiation. <i>Nature Genetics</i> , 2017 , 49, 1522-1528	36.3	158

70	Immunization via hair follicles by topical application of naked DNA to normal skin. <i>Nature Biotechnology</i> , 1999 , 17, 870-2	44.5	152
69	irCLIP platform for efficient characterization of protein-RNA interactions. <i>Nature Methods</i> , 2016 , 13, 489-92	21.6	151
68	ZNF750 is a p63 target gene that induces KLF4 to drive terminal epidermal differentiation. <i>Developmental Cell</i> , 2012 , 22, 669-77	10.2	150
67	Corrective gene transfer in the human skin disorder lamellar ichthyosis. <i>Nature Medicine</i> , 1996 , 2, 1263-75	50.5	148
66	RNA-protein interaction detection in living cells. <i>Nature Methods</i> , 2018 , 15, 207-212	21.6	142
65	IQGAP1 scaffold-kinase interaction blockade selectively targets RAS-MAP kinase-driven tumors. <i>Nature Medicine</i> , 2013 , 19, 626-630	50.5	142
64	Sonic hedgehog opposes epithelial cell cycle arrest. <i>Journal of Cell Biology</i> , 1999 , 147, 71-6	7.3	134
63	Multimodal Analysis of Composition and Spatial Architecture in Human Squamous Cell Carcinoma. <i>Cell</i> , 2020 , 182, 497-514.e22	56.2	131
62	Methods to study RNA-protein interactions. <i>Nature Methods</i> , 2019 , 16, 225-234	21.6	126
61	A LncRNA-MAF:MAFB transcription factor network regulates epidermal differentiation. <i>Developmental Cell</i> , 2015 , 32, 693-706	10.2	123
60	Coupled Single-Cell CRISPR Screening and Epigenomic Profiling Reveals Causal Gene Regulatory Networks. <i>Cell</i> , 2019 , 176, 361-376.e17	56.2	119
59	Safety and Wound Outcomes Following Genetically Corrected Autologous Epidermal Grafts in Patients With Recessive Dystrophic Epidermolysis Bullosa. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 1808-1817	27.4	113
58	Mek1/2 MAPK kinases are essential for Mammalian development, homeostasis, and Raf-induced hyperplasia. <i>Developmental Cell</i> , 2007 , 12, 615-29	10.2	111
57	The noncoding RNAs SNORD50A and SNORD50B bind K-Ras and are recurrently deleted in human cancer. <i>Nature Genetics</i> , 2016 , 48, 53-8	36.3	109
56	SARS-CoV-2 B.1.1.7 and B.1.351 spike variants bind human ACE2 with increased affinity. <i>Lancet Infectious Diseases</i> , 2021 , 21, 1070	25.5	103
55	Recurrent point mutations in the kinetochore gene KNSTRN in cutaneous squamous cell carcinoma. <i>Nature Genetics</i> , 2014 , 46, 1060-2	36.3	99
54	A novel ATAC-seq approach reveals lineage-specific reinforcement of the open chromatin landscape via cooperation between BAF and p63. <i>Genome Biology</i> , 2015 , 16, 284	18.3	98
53	Quantitative analysis of mammalian translation initiation sites by FACS-seq. <i>Molecular Systems Biology</i> , 2014 , 10, 748	12.2	95

52	Transcript-indexed ATAC-seq for precision immune profiling. <i>Nature Medicine</i> , 2018 , 24, 580-590	50.5	93
51	ZNF750 interacts with KLF4 and RCOR1, KDM1A, and CTBP1/2 chromatin regulators to repress epidermal progenitor genes and induce differentiation genes. <i>Genes and Development</i> , 2014 , 28, 2013-26	12.6	90
50	Dicer-microRNA-Myc circuit promotes transcription of hundreds of long noncoding RNAs. <i>Nature Structural and Molecular Biology</i> , 2014 , 21, 585-90	17.6	80
49	ACTL6a enforces the epidermal progenitor state by suppressing SWI/SNF-dependent induction of KLF4. <i>Cell Stem Cell</i> , 2013 , 12, 193-203	18	79
48	Modeling inducible human tissue neoplasia identifies an extracellular matrix interaction network involved in cancer progression. <i>Cancer Cell</i> , 2009 , 15, 477-88	24.3	70
47	Integrating single-cell and spatial transcriptomics to elucidate intercellular tissue dynamics. <i>Nature Reviews Genetics</i> , 2021 , 22, 627-644	30.1	69
46	Genetic pathways in disorders of epidermal differentiation. <i>Trends in Genetics</i> , 2013 , 29, 31-40	8.5	67
45	Dissecting noncoding and pathogen RNA-protein interactomes. <i>Rna</i> , 2015 , 21, 135-43	5.8	61
44	The Functional Proximal Proteome of Oncogenic Ras Includes mTORC2. <i>Molecular Cell</i> , 2019 , 73, 830-844	17.6	61
43	7SK-BAF axis controls pervasive transcription at enhancers. <i>Nature Structural and Molecular Biology</i> , 2016 , 23, 231-8	17.6	60
42	Long-term type VII collagen restoration to human epidermolysis bullosa skin tissue. <i>Human Gene Therapy</i> , 2010 , 21, 1299-310	4.8	59
41	Sustainable systemic delivery via a single injection of lentivirus into human skin tissue. <i>Human Gene Therapy</i> , 2001 , 12, 1551-8	4.8	46
40	CALML5 is a ZNF750- and TINCR-induced protein that binds stratifin to regulate epidermal differentiation. <i>Genes and Development</i> , 2015 , 29, 2225-30	12.6	43
39	Mosaic activating RAS mutations in nevus sebaceus and nevus sebaceus syndrome. <i>Journal of Investigative Dermatology</i> , 2013 , 133, 824-827	4.3	42
38	Tumor necrosis factor receptor 1/c-Jun-NH2-kinase signaling promotes human neoplasia. <i>Cancer Research</i> , 2007 , 67, 3827-34	10.1	42
37	HiChIRP reveals RNA-associated chromosome conformation. <i>Nature Methods</i> , 2019 , 16, 489-492	21.6	40
36	Enhancer-targeted genome editing selectively blocks innate resistance to onco kinase inhibition. <i>Genome Research</i> , 2014 , 24, 751-60	9.7	40
35	RAC1 activation drives pathologic interactions between the epidermis and immune cells. <i>Journal of Clinical Investigation</i> , 2016 , 126, 2661-77	15.9	39

34	Genomic profiling of a human organotypic model of AEC syndrome reveals ZNF750 as an essential downstream target of mutant TP63. <i>American Journal of Human Genetics</i> , 2012 , 91, 435-43	11	34
33	Network Analysis Identifies Mitochondrial Regulation of Epidermal Differentiation by MPZL3 and FDXR. <i>Developmental Cell</i> , 2015 , 35, 444-57	10.2	33
32	Retinoic acid and BMP4 cooperate with p63 to alter chromatin dynamics during surface epithelial commitment. <i>Nature Genetics</i> , 2018 , 50, 1658-1665	36.3	32
31	Identification of proteins binding coding and non-coding human RNAs using protein microarrays. <i>BMC Genomics</i> , 2012 , 13, 633	4.5	29
30	CSNK1a1 Regulates PRMT1 to Maintain the Progenitor State in Self-Renewing Somatic Tissue. <i>Developmental Cell</i> , 2017 , 43, 227-239.e5	10.2	26
29	SARS-CoV-2 B.1.1.7 and B.1.351 Spike variants bind human ACE2 with increased affinity 2021 ,		23
28	Activating HRAS mutation in nevus spilus. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 1766-1768	4.3	22
27	Structural modularity of the XIST ribonucleoprotein complex. <i>Nature Communications</i> , 2020 , 11, 6163	17.4	18
26	Spen links RNA-mediated endogenous retrovirus silencing and X chromosome inactivation. <i>ELife</i> , 2020 , 9,	8.9	17
25	Novel lincRNA SLINKY is a prognostic biomarker in kidney cancer. <i>Oncotarget</i> , 2017 , 8, 18657-18669	3.3	16
24	Impact of laminin 5 beta3 gene versus protein replacement on gene expression patterns in junctional epidermolysis bullosa. <i>Human Gene Therapy</i> , 2001 , 12, 1443-8	4.8	14
23	Profiling of rotavirus 3'UTR-binding proteins reveals the ATP synthase subunit ATP5B as a host factor that supports late-stage virus replication. <i>Journal of Biological Chemistry</i> , 2019 , 294, 5993-6006	5.4	14
22	Genome-wide meta-analysis identifies eight new susceptibility loci for cutaneous squamous cell carcinoma. <i>Nature Communications</i> , 2020 , 11, 820	17.4	13
21	Omni-ATAC-seq: Improved ATAC-seq protocol. <i>Protocol Exchange</i> ,		10
20	Genetic and genomic studies of pathogenic EXOSC2 mutations in the newly described disease SHRF implicate the autophagy pathway in disease pathogenesis. <i>Human Molecular Genetics</i> , 2020 , 29, 541-553 ^{5.6}	5.6	9
19	Cancer-Associated Long Noncoding RNA SMRT-2 Controls Epidermal Differentiation. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 1445-1449	4.3	8
18	KRAS regulation by small non-coding RNAs and SNARE proteins. <i>Nature Communications</i> , 2019 , 10, 5118 ^{17.4}	17.4	7
17	Super-resolved spatial transcriptomics by deep data fusion. <i>Nature Biotechnology</i> , 2021 ,	44.5	7

16	Impact of a patient-derived hepatitis C viral RNA genome with a mutated microRNA binding site. <i>PLoS Pathogens</i> , 2019 , 15, e1007467	7.6	6
15	Research Techniques Made Simple: Emerging Methods to Elucidate Protein Interactions through Spatial Proximity. <i>Journal of Investigative Dermatology</i> , 2017 , 137, e197-e203	4.3	6
14	The proximal proteome of 17 SARS-CoV-2 proteins links to disrupted antiviral signaling and host translation. <i>PLoS Pathogens</i> , 2021 , 17, e1009412	7.6	6
13	Ras functional proximity proteomics establishes mTORC2 as new direct ras effector. <i>Oncotarget</i> , 2019 , 10, 5126-5135	3.3	5
12	The dynamic, combinatorial cis-regulatory lexicon of epidermal differentiation		3
11	The dynamic, combinatorial cis-regulatory lexicon of epidermal differentiation. <i>Nature Genetics</i> , 2021 , 53, 1564-1576	36.3	3
10	Mutant collagen COL11A1 enhances cancerous invasion. <i>Oncogene</i> , 2021 , 40, 6299-6307	9.2	3
9	Author response: Spen links RNA-mediated endogenous retrovirus silencing and X chromosome inactivation 2020 ,		2
8	RNA-Protein Interaction Detection (RaPID). <i>Protocol Exchange</i> ,		2
7	easyCLIP Quantifies RNA-Protein Interactions and Characterizes Recurrent PCBP1 Mutations in Cancer		2
6	easyCLIP analysis of RNA-protein interactions incorporating absolute quantification. <i>Nature Communications</i> , 2021 , 12, 1569	17.4	2
5	The proximal proteome of 17 SARS-CoV-2 proteins links to disrupted antiviral signaling and host translation 2021 ,		2
4	Coupled single-cell CRISPR screening and epigenomic profiling reveals causal gene regulatory networks		1
3	The spatial landscape of clonal somatic mutations in benign and malignant tissue		1
2	Inhibiting Oncogenic RAS in Multiple Myeloma By Targeting Scaffold-ERK Interactions. <i>Blood</i> , 2014 , 124, 2089-2089	2.2	
1	Abstract PR016: The spatial landscape of clonal somatic mutations in benign and malignant tissue. <i>Cancer Research</i> , 2022 , 82, PR016-PR016	10.1	