

Paul A Khavari

List of Publications by Year in descending order

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83
papers

15,714
citations

36203

51
h-index

62479

80
g-index

97
all docs

97
docs citations

97
times ranked

24038
citing authors

#	ARTICLE	IF	CITATIONS
1	An improved ATAC-seq protocol reduces background and enables interrogation of frozen tissues. <i>Nature Methods</i> , 2017, 14, 959-962.	9.0	1,653
2	The functions and unique features of long intergenic non-coding RNA. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 143-157.	16.1	968
3	HiChIP: efficient and sensitive analysis of protein-directed genome architecture. <i>Nature Methods</i> , 2016, 13, 919-922.	9.0	853
4	Control of somatic tissue differentiation by the long non-coding RNA TINCR. <i>Nature</i> , 2013, 493, 231-235.	13.7	810
5	Nucleosome disruption and enhancement of activator binding by a human SW1/SNF complex. <i>Nature</i> , 1994, 370, 477-481.	13.7	744
6	BRG1 contains a conserved domain of the SWI2/SNF2 family necessary for normal mitotic growth and transcription. <i>Nature</i> , 1993, 366, 170-174.	13.7	625
7	Advances in skin grafting and treatment of cutaneous wounds. <i>Science</i> , 2014, 346, 941-945.	6.0	609
8	NF- κ B blockade and oncogenic Ras trigger invasive human epidermal neoplasia. <i>Nature</i> , 2003, 421, 639-643.	13.7	537
9	Multimodal Analysis of Composition and Spatial Architecture in Human Squamous Cell Carcinoma. <i>Cell</i> , 2020, 182, 497-514.e22.	13.5	508
10	Integrating single-cell and spatial transcriptomics to elucidate intercellular tissue dynamics. <i>Nature Reviews Genetics</i> , 2021, 22, 627-644.	7.7	423
11	Enhancer connectome in primary human cells identifies target genes of disease-associated DNA elements. <i>Nature Genetics</i> , 2017, 49, 1602-1612.	9.4	419
12	p63 regulates proliferation and differentiation of developmentally mature keratinocytes. <i>Genes and Development</i> , 2006, 20, 3185-3197.	2.7	412
13	DNMT1 maintains progenitor function in self-renewing somatic tissue. <i>Nature</i> , 2010, 463, 563-567.	13.7	407
14	Suppression of progenitor differentiation requires the long noncoding RNA ANCR. <i>Genes and Development</i> , 2012, 26, 338-343.	2.7	391
15	Lineage-specific dynamic and pre-established enhancer-promoter contacts cooperate in terminal differentiation. <i>Nature Genetics</i> , 2017, 49, 1522-1528.	9.4	255
16	Methods to study RNA-protein interactions. <i>Nature Methods</i> , 2019, 16, 225-234.	9.0	244
17	Genomic analysis of mycosis fungoides and SÅ©zary syndrome identifies recurrent alterations in TNFR2. <i>Nature Genetics</i> , 2015, 47, 1056-1060.	9.4	242
18	Control of differentiation in a self-renewing mammalian tissue by the histone demethylase JMJD3. <i>Genes and Development</i> , 2008, 22, 1865-1870.	2.7	239

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19	RNA-protein interaction detection in living cells. <i>Nature Methods</i> , 2018, 15, 207-212.	9.0	234
20	irCLIP platform for efficient characterization of protein-RNA interactions. <i>Nature Methods</i> , 2016, 13, 489-492.	9.0	222
21	Coupled Single-Cell CRISPR Screening and Epigenomic Profiling Reveals Causal Gene Regulatory Networks. <i>Cell</i> , 2019, 176, 361-376.e17.	13.5	215
22	ZNF750 Is a p63 Target Gene that Induces KLF4 to Drive Terminal Epidermal Differentiation. <i>Developmental Cell</i> , 2012, 22, 669-677.	3.1	198
23	CDK4 coexpression with Ras generates malignant human epidermal tumorigenesis. <i>Nature Medicine</i> , 2002, 8, 1105-1114.	15.2	190
24	Invasive three-dimensional organotypic neoplasia from multiple normal human epithelia. <i>Nature Medicine</i> , 2010, 16, 1450-1455.	15.2	190
25	SARS-CoV-2 B.1.1.7 and B.1.351 spike variants bind human ACE2 with increased affinity. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 1070.	4.6	188
26	IQGAP1 scaffold-kinase interaction blockade selectively targets RAS-MAP kinase-driven tumors. <i>Nature Medicine</i> , 2013, 19, 626-630.	15.2	173
27	A LncRNA-MAF:MAFB Transcription Factor Network Regulates Epidermal Differentiation. <i>Developmental Cell</i> , 2015, 32, 693-706.	3.1	172
28	Immunization via hair follicles by topical application of naked DNA to normal skin. <i>Nature Biotechnology</i> , 1999, 17, 870-872.	9.4	169
29	Corrective gene transfer in the human skin disorder lamellar ichthyosis. <i>Nature Medicine</i> , 1996, 2, 1263-1267.	15.2	167
30	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.	3.8	161
31	Quantitative analysis of mammalian translation initiation sites by FACS-seq. <i>Molecular Systems Biology</i> , 2014, 10, 748.	3.2	158
32	Sonic Hedgehog Opposes Epithelial Cell Cycle Arrest. <i>Journal of Cell Biology</i> , 1999, 147, 71-76.	2.3	144
33	The noncoding RNAs SNORD50A and SNORD50B bind K-Ras and are recurrently deleted in human cancer. <i>Nature Genetics</i> , 2016, 48, 53-58.	9.4	143
34	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.	3.8	135
35	Mek1/2 MAPK Kinases Are Essential for Mammalian Development, Homeostasis, and Raf-Induced Hyperplasia. <i>Developmental Cell</i> , 2007, 12, 615-629.	3.1	132
36	Recurrent point mutations in the kinetochore gene KNSTRN in cutaneous squamous cell carcinoma. <i>Nature Genetics</i> , 2014, 46, 1060-1062.	9.4	125

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37	Transcript-indexed ATAC-seq for precision immune profiling. <i>Nature Medicine</i> , 2018, 24, 580-590.	15.2	124
38	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, 2013-2026.	2.7	122
39	The Functional Proximal Proteome of Oncogenic Ras Includes mTORC2. <i>Molecular Cell</i> , 2019, 73, 830-844.e12.	4.5	104
40	ACTL6a Enforces the Epidermal Progenitor State by Suppressing SWI/SNF-Dependent Induction of KLF4. <i>Cell Stem Cell</i> , 2013, 12, 193-203.	5.2	97
41	Genetic pathways in disorders of epidermal differentiation. <i>Trends in Genetics</i> , 2013, 29, 31-40.	2.9	92
42	7SK-BAF axis controls pervasive transcription at enhancers. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 231-238.	3.6	92
43	Dicer-microRNA-Myc circuit promotes transcription of hundreds of long noncoding RNAs. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 585-590.	3.6	90
44	Long-Term Type VII Collagen Restoration to Human Epidermolysis Bullosa Skin Tissue. <i>Human Gene Therapy</i> , 2010, 21, 1299-1310.	1.4	80
45	Modeling Inducible Human Tissue Neoplasia Identifies an Extracellular Matrix Interaction Network Involved in Cancer Progression. <i>Cancer Cell</i> , 2009, 15, 477-488.	7.7	79
46	Dissecting noncoding and pathogen RNA-protein interactomes. <i>Rna</i> , 2015, 21, 135-143.	1.6	71
47	HiChIRP reveals RNA-associated chromosome conformation. <i>Nature Methods</i> , 2019, 16, 489-492.	9.0	70
48	Enhancer-targeted genome editing selectively blocks innate resistance to onco kinase inhibition. <i>Genome Research</i> , 2014, 24, 751-760.	2.4	67
49	CALML5 is a ZNF750- and TINCR-induced protein that binds stratifin to regulate epidermal differentiation. <i>Genes and Development</i> , 2015, 29, 2225-2230.	2.7	61
50	Super-resolved spatial transcriptomics by deep data fusion. <i>Nature Biotechnology</i> , 2022, 40, 476-479.	9.4	61
51	Mosaic Activating RAS Mutations in Nevus Sebaceus and Nevus Sebaceus Syndrome. <i>Journal of Investigative Dermatology</i> , 2013, 133, 824-827.	0.3	55
52	Structural modularity of the XIST ribonucleoprotein complex. <i>Nature Communications</i> , 2020, 11, 6163.	5.8	53
53	Sustainable Systemic Delivery via a Single Injection of Lentivirus into Human Skin Tissue. <i>Human Gene Therapy</i> , 2001, 12, 1551-1558.	1.4	50
54	Network Analysis Identifies Mitochondrial Regulation of Epidermal Differentiation by MPZL3 and FDXR. <i>Developmental Cell</i> , 2015, 35, 444-457.	3.1	50

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55	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, 435-443.	2.6	49
56	CSNK1a1 Regulates PRMT1 to Maintain the Progenitor State in Self-Renewing Somatic Tissue. <i>Developmental Cell</i> , 2017, 43, 227-239.e5.	3.1	48
57	RAC1 activation drives pathologic interactions between the epidermis and immune cells. <i>Journal of Clinical Investigation</i> , 2016, 126, 2661-2677.	3.9	48
58	Retinoic acid and BMP4 cooperate with p63 to alter chromatin dynamics during surface epithelial commitment. <i>Nature Genetics</i> , 2018, 50, 1658-1665.	9.4	47
59	Tumor Necrosis Factor Receptor 1/c-Jun-NH2-Kinase Signaling Promotes Human Neoplasia. <i>Cancer Research</i> , 2007, 67, 3827-3834.	0.4	46
60	The dynamic, combinatorial cis-regulatory lexicon of epidermal differentiation. <i>Nature Genetics</i> , 2021, 53, 1564-1576.	9.4	45
61	Identification of proteins binding coding and non-coding human RNAs using protein microarrays. <i>BMC Genomics</i> , 2012, 13, 633.	1.2	35
62	Spen links RNA-mediated endogenous retrovirus silencing and X chromosome inactivation. <i>ELife</i> , 2020, 9, .	2.8	33
63	Activating HRAS Mutation in Nevus Spilus. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1766-1768.	0.3	31
64	Genome-wide meta-analysis identifies eight new susceptibility loci for cutaneous squamous cell carcinoma. <i>Nature Communications</i> , 2020, 11, 820.	5.8	30
65	The proximal proteome of 17 SARS-CoV-2 proteins links to disrupted antiviral signaling and host translation. <i>PLoS Pathogens</i> , 2021, 17, e1009412.	2.1	27
66	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.	1.6	26
67	easyCLIP analysis of RNA-protein interactions incorporating absolute quantification. <i>Nature Communications</i> , 2021, 12, 1569.	5.8	26
68	Novel lincRNA SLINKY is a prognostic biomarker in kidney cancer. <i>Oncotarget</i> , 2017, 8, 18657-18669.	0.8	21
69	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.	1.4	21
70	Omni-ATAC-seq: Improved ATAC-seq protocol. <i>Protocol Exchange</i> , 0, .	0.3	21
71	Impact of Laminin 5 β 3 Gene versus Protein Replacement on Gene Expression Patterns in Junctional Epidermolysis Bullosa. <i>Human Gene Therapy</i> , 2001, 12, 1443-1448.	1.4	20
72	Mutant collagen COL11A1 enhances cancerous invasion. <i>Oncogene</i> , 2021, 40, 6299-6307.	2.6	20

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73	KRAS regulation by small non-coding RNAs and SNARE proteins. Nature Communications, 2019, 10, 5118.	5.8	17
74	Cancer-Associated Long Noncoding RNA SMRT-2 Controls Epidermal Differentiation. Journal of Investigative Dermatology, 2018, 138, 1445-1449.	0.3	13
75	Impact of a patient-derived hepatitis C viral RNA genome with a mutated microRNA binding site. PLoS Pathogens, 2019, 15, e1007467.	2.1	13
76	Research Techniques Made Simple: Emerging Methods to Elucidate Protein Interactions through Spatial Proximity. Journal of Investigative Dermatology, 2017, 137, e197-e203.	0.3	10
77	Ras functional proximity proteomics establishes mTORC2 as new direct ras effector. Oncotarget, 2019, 10, 5126-5135.	0.8	6
78	Targeted Proteomic Approaches for Proteome-Wide Characterizations of the AMP-Binding Capacities of Kinases. Journal of Proteome Research, 2022, 21, 2063-2070.	1.8	3
79	RNA-Protein Interaction Detection (RaPID). Protocol Exchange, 0, , .	0.3	2
80	Factors That May Promote an Effective Local Research Environment. Journal of Investigative Dermatology, 2016, 136, 1529-1531.	0.3	1
81	HiChIRP: RNA-centric chromatin conformation. Protocol Exchange, 0, , .	0.3	1
82	Inhibiting Oncogenic RAS in Multiple Myeloma By Targeting Scaffold-ERK Interactions. Blood, 2014, 124, 2089-2089.	0.6	0
83	Abstract PR016: The spatial landscape of clonal somatic mutations in benign and malignant tissue. Cancer Research, 2022, 82, PR016-PR016.	0.4	0