

Peter C Scacheri

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

4,680
citations

172457

29
h-index

197818

49
g-index

52
all docs

52
docs citations

52
times ranked

10251
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromatin Mechanisms Driving Cancer. <i>Cold Spring Harbor Perspectives in Biology</i> , 2022, 14, a040956.	5.5	9
2	Convergence of case-specific epigenetic alterations identify a confluence of genetic vulnerabilities tied to opioid overdose. <i>Molecular Psychiatry</i> , 2022, 27, 2158-2170.	7.9	9
3	Beyond GWAS of Colorectal Cancer: Evidence of Interaction with Alcohol Consumption and Putative Causal Variant for the 10q24.2 Region. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 1077-1089.	2.5	6
4	Genetic architectures of proximal and distal colorectal cancer are partly distinct. <i>Gut</i> , 2021, 70, 1325-1334.	12.1	44
5	CHD7 promotes neural progenitor differentiation in embryonic stem cells via altered chromatin accessibility and nascent gene expression. <i>Scientific Reports</i> , 2020, 10, 17445.	3.3	23
6	Robust Hi-C Maps of Enhancer-Promoter Interactions Reveal the Function of Non-coding Genome in Neural Development and Diseases. <i>Molecular Cell</i> , 2020, 79, 521-534.e15.	9.7	110
7	Cell Type-Specific Intralocus Interactions Reveal Oligodendrocyte Mechanisms in MS. <i>Cell</i> , 2020, 181, 382-395.e21.	28.9	39
8	Chemotherapy-Induced Distal Enhancers Drive Transcriptional Programs to Maintain the Chemoresistant State in Ovarian Cancer. <i>Cancer Research</i> , 2019, 79, 4599-4611.	0.9	39
9	A miRNA-Mediated Approach to Dissect the Complexity of Tumor-Initiating Cell Function and Identify miRNA-Targeting Drugs. <i>Stem Cell Reports</i> , 2019, 12, 122-134.	4.8	8
10	Chromatin landscapes reveal developmentally encoded transcriptional states that define human glioblastoma. <i>Journal of Experimental Medicine</i> , 2019, 216, 1071-1090.	8.5	89
11	Genetic variant predictors of gene expression provide new insight into risk of colorectal cancer. <i>Human Genetics</i> , 2019, 138, 307-326.	3.8	44
12	Functional Enhancers Shape Extrachromosomal Oncogene Amplifications. <i>Cell</i> , 2019, 179, 1330-1341.e13.	28.9	206
13	Discovery of common and rare genetic risk variants for colorectal cancer. <i>Nature Genetics</i> , 2019, 51, 76-87.	21.4	377
14	Ex vivo screen identifies CDK12 as a metastatic vulnerability in osteosarcoma. <i>Journal of Clinical Investigation</i> , 2019, 129, 4377-4392.	8.2	34
15	Mismatch repair-signature mutations activate gene enhancers across human colorectal cancer epigenomes. <i>ELife</i> , 2019, 8, .	6.0	19
16	Targeting Epigenetics to Prevent Obesity Promoted Cancers. <i>Cancer Prevention Research</i> , 2018, 11, 125-128.	1.5	10
17	PRC2 Is Dispensable <i>in Vivo</i> for β -Catenin-Mediated Repression of Chondrogenesis in the Mouse Embryonic Cranial Mesenchyme. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 491-503.	1.8	15
18	Therapeutic targeting of ependymoma as informed by oncogenic enhancer profiling. <i>Nature</i> , 2018, 553, 101-105.	27.8	170

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19	Positively selected enhancer elements endow osteosarcoma cells with metastatic competence. <i>Nature Medicine</i> , 2018, 24, 176-185.	30.7	126
20	Enhancers: bridging the gap between gene control and human disease. <i>Human Molecular Genetics</i> , 2018, 27, R219-R227.	2.9	51
21	Enhancer mapping uncovers phenotypic heterogeneity and evolution in patients with luminal breast cancer. <i>Nature Medicine</i> , 2018, 24, 1469-1480.	30.7	98
22	CHD7 represses the retinoic acid synthesis enzyme ALDH1A3 during inner ear development. <i>JCI Insight</i> , 2018, 3, .	5.0	27
23	Hotspots of aberrant enhancer activity punctuate the colorectal cancer epigenome. <i>Nature Communications</i> , 2017, 8, 14400.	12.8	93
24	iPSC Reprogramming Is Not Just an Open and Shut Case. <i>Cell Stem Cell</i> , 2017, 21, 711-712.	11.1	1
25	Transcription elongation factors represent in vivo cancer dependencies in glioblastoma. <i>Nature</i> , 2017, 547, 355-359.	27.8	156
26	Transcriptome-wide identification of mRNAs and lincRNAs associated with trastuzumab-resistance in HER2-positive breast cancer. <i>Oncotarget</i> , 2016, 7, 53230-53244.	1.8	30
27	Upregulation of Glucose-Regulated Protein 78 in Metastatic Cancer Cells Is Necessary for Lung Metastasis Progression. <i>Neoplasia</i> , 2016, 18, 699-710.	5.3	41
28	Modeling disease risk through analysis of physical interactions between genetic variants within chromatin regulatory circuitry. <i>Nature Genetics</i> , 2016, 48, 1313-1320.	21.4	57
29	mTOR Inhibition Mitigates Enhanced mRNA Translation Associated with the Metastatic Phenotype of Osteosarcoma Cells <i>in Vivo</i> . <i>Clinical Cancer Research</i> , 2016, 22, 6129-6141.	7.0	23
30	A Germline Variant on Chromosome 4q31.1 Associates with Susceptibility to Developing Colon Cancer Metastasis. <i>PLoS ONE</i> , 2016, 11, e0146435.	2.5	2
31	Mutations in the noncoding genome. <i>Current Opinion in Pediatrics</i> , 2015, 27, 659-664.	2.0	52
32	ZNF143 provides sequence specificity to secure chromatin interactions at gene promoters. <i>Nature Communications</i> , 2015, 6, 6186.	12.8	173
33	â€œPEAR-ingâ€•Genomic and Epigenomic Analyses for Cancer Gene Discovery. <i>Cancer Discovery</i> , 2015, 5, 1018-1020.	9.4	1
34	Enhancer variants: evaluating functions in common disease. <i>Genome Medicine</i> , 2014, 6, 85.	8.2	195
35	Combinatorial effects of multiple enhancer variants in linkage disequilibrium dictate levels of gene expression to confer susceptibility to common traits. <i>Genome Research</i> , 2014, 24, 1-13.	5.5	326
36	Epigenomic Comparison Reveals Activation of â€œSeedâ€•Enhancers during Transition from Naive to Primed Pluripotency. <i>Cell Stem Cell</i> , 2014, 14, 854-863.	11.1	137

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37	Knockdown of fbxl10/kdm2bb rescues chd7 morphant phenotype in a zebrafish model of CHARGE syndrome. <i>Developmental Biology</i> , 2013, 382, 57-69.	2.0	34
38	The Chromatin Fingerprint of Gene Enhancer Elements. <i>Journal of Biological Chemistry</i> , 2012, 287, 30888-30896.	3.4	77
39	Epigenomic Enhancer Profiling Defines a Signature of Colon Cancer. <i>Science</i> , 2012, 336, 736-739.	12.6	304
40	Otitis Media in a New Mouse Model for CHARGE Syndrome with a Deletion in the Chd7 Gene. <i>PLoS ONE</i> , 2012, 7, e34944.	2.5	23
41	Epigenetic signatures distinguish multiple classes of enhancers with distinct cellular functions. <i>Genome Research</i> , 2011, 21, 1273-1283.	5.5	487
42	Molecular and phenotypic aspects of <i>CHD7</i> mutation in CHARGE syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2010, 152A, 674-686.	1.2	265
43	CHD7 functions in the nucleolus as a positive regulator of ribosomal RNA biogenesis. <i>Human Molecular Genetics</i> , 2010, 19, 3491-3501.	2.9	91
44	Mutations in the <i>CHD7</i> Gene: The Experience of a Commercial Laboratory. <i>Genetic Testing and Molecular Biomarkers</i> , 2010, 14, 881-891.	0.7	46
45	CHD7 Targets Active Gene Enhancer Elements to Modulate ES Cell-Specific Gene Expression. <i>PLoS Genetics</i> , 2010, 6, e1001023.	3.5	213
46	Genomic distribution of CHD7 on chromatin tracks H3K4 methylation patterns. <i>Genome Research</i> , 2009, 19, 590-601.	5.5	210
47	[14] Statistics for ChIP-chip and DNase Hypersensitivity Experiments on NimbleGen Arrays. <i>Methods in Enzymology</i> , 2006, 411, 270-282.	1.0	83