

# Edwin Cheung

## List of Publications by Year in descending order

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54  
papers

5,239  
citations

159585  
30  
h-index

161849  
54  
g-index

54  
all docs

54  
docs citations

54  
times ranked

8910  
citing authors

#	ARTICLE	IF	CITATIONS
1	An oestrogen-receptor- $\hat{\pm}$ -bound human chromatin interactome. <i>Nature</i> , 2009, 462, 58-64.	27.8	1,537
2	Extensive Promoter-Centered Chromatin Interactions Provide a Topological Basis for Transcription Regulation. <i>Cell</i> , 2012, 148, 84-98.	28.9	1,096
3	Whole-Genome Cartography of Estrogen Receptor $\hat{\pm}$ Binding Sites. <i>PLoS Genetics</i> , 2007, 3, e87.	3.5	400
4	Integration of Regulatory Networks by NKX3-1 Promotes Androgen-Dependent Prostate Cancer Survival. <i>Molecular and Cellular Biology</i> , 2012, 32, 399-414.	2.3	165
5	AP-2 $\hat{\pm}$ 3 regulates oestrogen receptor-mediated long-range chromatin interaction and gene transcription. <i>EMBO Journal</i> , 2011, 30, 2569-2581.	7.8	144
6	Integrative model of genomic factors for determining binding site selection by estrogen receptor $\hat{\pm}$ . <i>Molecular Systems Biology</i> , 2010, 6, 456.	7.2	139
7	A transcriptional repressor co-regulatory network governing androgen response in prostate cancers. <i>EMBO Journal</i> , 2012, 31, 2810-2823.	7.8	139
8	Smads orchestrate specific histone modifications and chromatin remodeling to activate transcription. <i>EMBO Journal</i> , 2006, 25, 4490-4502.	7.8	126
9	Regulation of Estrogen Receptor-mediated Long Range Transcription via Evolutionarily Conserved Distal Response Elements. <i>Journal of Biological Chemistry</i> , 2008, 283, 32977-32988.	3.4	89
10	Transcriptional regulation of core autophagy and lysosomal genes by the androgen receptor promotes prostate cancer progression. <i>Autophagy</i> , 2017, 13, 506-521.	9.1	88
11	Novel lncRNA <i>LINC00844</i> Regulates Prostate Cancer Cell Migration and Invasion through AR Signaling. <i>Molecular Cancer Research</i> , 2018, 16, 1865-1878.	3.4	79
12	Genomic Analyses of Hormone Signaling and Gene Regulation. <i>Annual Review of Physiology</i> , 2010, 72, 191-218.	13.1	78
13	A Novel Arabidopsis Acetyltransferase Interacts with the Geminivirus Movement Protein NSP. <i>Plant Cell</i> , 2003, 15, 1605-1618.	6.6	77
14	Anti-inflammatory mechanisms of the novel cytokine interleukin-38 in allergic asthma. <i>Cellular and Molecular Immunology</i> , 2020, 17, 631-646.	10.5	72
15	MYBBP1a is a Novel Repressor of NF- $\hat{\pm}$ B. <i>Journal of Molecular Biology</i> , 2007, 366, 725-736.	4.2	64
16	Altered pharmacology and distinct coactivator usage for estrogen receptor-dependent transcription through activating protein-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 559-564.	7.1	63
17	Location analysis for the estrogen receptor- $\hat{\pm}$ reveals binding to diverse ERE sequences and widespread binding within repetitive DNA elements. <i>Nucleic Acids Research</i> , 2010, 38, 2355-2368.	14.5	54
18	Histone H2A T120 Phosphorylation Promotes Oncogenic Transformation via Upregulation of Cyclin D1. <i>Molecular Cell</i> , 2016, 64, 176-188.	9.7	51

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19	GLUT12 promotes prostate cancer cell growth and is regulated by androgens and CaMKK2 signaling. <i>Endocrine-Related Cancer</i> , 2018, 25, 453-469.	3.1	48
20	A novel prostate cancer therapeutic strategy using icaritin-activated arylhydrocarbon-receptor to co-target androgen receptor and its splice variants. <i>Carcinogenesis</i> , 2015, 36, 757-768.	2.8	47
21	An AR-ERG transcriptional signature defined by long-range chromatin interactomes in prostate cancer cells. <i>Genome Research</i> , 2019, 29, 223-235.	5.5	46
22	Multiple Sequence-Specific DNA-Binding Proteins Mediate Estrogen Receptor Signaling through a Tethering Pathway. <i>Molecular Endocrinology</i> , 2011, 25, 564-574.	3.7	45
23	Inherent Signals in Sequencing-Based Chromatin-ImmunoPrecipitation Control Libraries. <i>PLoS ONE</i> , 2009, 4, e5241.	2.5	40
24	Chromatin exposes intrinsic differences in the transcriptional activities of estrogen receptors alpha and beta. <i>EMBO Journal</i> , 2003, 22, 600-611.	7.8	39
25	Single-Cell Transcriptome Analysis Reveals Estrogen Signaling Coordinately Augments One-Carbon, Polyamine, and Purine Synthesis in Breast Cancer. <i>Cell Reports</i> , 2018, 25, 2285-2298.e4.	6.4	39
26	Histone H1 Represses Estrogen Receptor $\hat{\pm}$ Transcriptional Activity by Selectively Inhibiting Receptor-Mediated Transcription Initiation. <i>Molecular and Cellular Biology</i> , 2002, 22, 2463-2471.	2.3	35
27	Estrogen receptor-mediated long-range chromatin interactions and transcription in breast cancer. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 624-632.	3.2	35
28	Elevated Exogenous Pyruvate Potentiates Mesodermal Differentiation through Metabolic Modulation and AMPK/mTOR Pathway in Human Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2019, 13, 338-351.	4.8	35
29	Long non-coding RNA <i>GAS5</i> and <i>ZFAS1</i> are prognostic markers involved in translation targeted by <i>miR-940</i> in prostate cancer. <i>Oncotarget</i> , 2018, 9, 1048-1062.	1.8	31
30	Scalable Generation of Mesenchymal Stem Cells from Human Embryonic Stem Cells in 3D. <i>International Journal of Biological Sciences</i> , 2018, 14, 1196-1210.	6.4	31
31	Three-dimensional folding dynamics of the <i>Xenopus tropicalis</i> genome. <i>Nature Genetics</i> , 2021, 53, 1075-1087.	21.4	30
32	Icaritin suppresses development of neuroendocrine differentiation of prostate cancer through inhibition of IL-6/STAT3 and Aurora kinase A pathways in TRAMP mice. <i>Carcinogenesis</i> , 2016, 37, 701-711.	2.8	28
33	Fast Screening of Ligand-Protein Interactions based on Ligand-Induced Protein Stabilization of Gold Nanoparticles. <i>Analytical Chemistry</i> , 2014, 86, 2361-2370.	6.5	23
34	Identification of a Novel Coregulator, SH3YL1, That Interacts With the Androgen Receptor N-Terminus. <i>Molecular Endocrinology</i> , 2015, 29, 1426-1439.	3.7	22
35	KM-express: an integrated online patient survival and gene expression analysis tool for the identification and functional characterization of prognostic markers in breast and prostate cancers. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	3.0	22
36	Androgen receptor co-regulatory networks in castration-resistant prostate cancer. <i>Endocrine-Related Cancer</i> , 2014, 21, R1-R11.	3.1	19

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37	Combined use of arginase and dichloroacetate exhibits anti-proliferative effects in triple negative breast cancer cells. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 306-315.	2.4	17
38	Sequencing the transcriptional network of androgen receptor in prostate cancer. <i>Cancer Letters</i> , 2013, 340, 254-260.	7.2	15
39	GUAVA: A Graphical User Interface for the Analysis and Visualization of ATAC-seq Data. <i>Frontiers in Genetics</i> , 2018, 9, 250.	2.3	15
40	Exploring the utility of organo-polyoxometalate hybrids to inhibit SOX transcription factors. <i>Cell Regeneration</i> , 2014, 3, 3:10.	2.6	11
41	Hybrid assembly of DNA-coated gold nanoparticles with water soluble conjugated polymers for studying protein-DNA interaction and ligand inhibition. <i>RSC Advances</i> , 2014, 4, 8883.	3.6	11
42	Simultaneously Learning DNA Motif Along with Its Position and Sequence Rank Preferences Through Expectation Maximization Algorithm. <i>Journal of Computational Biology</i> , 2013, 20, 237-248.	1.6	10
43	Antisense now makes sense: dual modulation of androgen-dependent transcription by CTBP1-AS. <i>EMBO Journal</i> , 2013, 32, 1653-1654.	7.8	10
44	Studying Protein-DNA Complexes Using Gold Nanoparticles by Exploiting Particle Aggregation, Refractive Index Change, and Fluorescence Quenching and Enhancement Principles. <i>Plasmonics</i> , 2014, 9, 753-763.	3.4	10
45	Histone H3.3K27M Mobilizes Multiple Cancer/Testis (CT) Antigens in Pediatric Glioma. <i>Molecular Cancer Research</i> , 2018, 16, 623-633.	3.4	10
46	Single-cell analysis reveals androgen receptor regulates the ER-to-Golgi trafficking pathway with CREB3L2 to drive prostate cancer progression. <i>Oncogene</i> , 2021, 40, 6479-6493.	5.9	10
47	Organization and characterization of the two yeast ribosomal protein YL19 genes. <i>Current Genetics</i> , 1996, 30, 273-278.	1.7	9
48	<scp>TRIM33</scp> drives prostate tumor growth by stabilizing androgen receptor from Skp2-mediated degradation. <i>EMBO Reports</i> , 2022, 23, .	4.5	9
49	Identification of a Wells-Dawson polyoxometalate-based AP-2 <sup>3</sup> inhibitor with pro-apoptotic activity. <i>Biochemical Journal</i> , 2018, 475, 1965-1977.	3.7	7
50	Studying forkhead box protein A1-DNA interaction and ligand inhibition using gold nanoparticles, electrophoretic mobility shift assay, and fluorescence anisotropy. <i>Analytical Biochemistry</i> , 2014, 448, 95-104.	2.4	6
51	Nucleotide sequence and characterization of the <i>Saccharomyces cerevisiae</i> RPL19A gene encoding a homolog of the mammalian ribosomal protein l19. <i>Yeast</i> , 1995, 11, 383-389.	1.7	5
52	Determination of transcription factor binding. <i>Nature Genetics</i> , 2011, 43, 11-12.	21.4	3
53	A Hashing-Based Framework for Enhancing Cluster Delineation of High-Dimensional Single-Cell Profiles. <i>Phenomics</i> , 2022, 2, 323-335.	2.9	3
54	Multiplex Single-Cell Analysis of Cancer Cells Enables Unbiased Uncovering Subsets Associated with Cancer Relapse: Heterogeneity of Multidrug Resistance in Precursor B-ALL. <i>ChemMedChem</i> , 2021, , .	3.2	2