Edwin Cheung

List of Publications by Year
in descending order

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	A Hashing-Based Framework for Enhancing Cluster Delineation of High-Dimensional Single-Cell Profiles. Phenomics, 2022, 2, 323-335.	2.9	3
2	<scp>TRIM33</scp> drives prostate tumor growth by stabilizing androgen receptor from Skp2â€mediated degradation. EMBO Reports, 2022, 23, .	4.5	9
3	Three-dimensional folding dynamics of the Xenopus tropicalis genome. Nature Genetics, 2021, 53, 1075-1087.	21.4	30
4	Single-cell analysis reveals androgen receptor regulates the ER-to-Golgi trafficking pathway with CREB3L2 to drive prostate cancer progression. Oncogene, 2021, 40, 6479-6493.	5.9	10
5	Multiplex Singleâ€Cell Analysis of Cancer Cells Enables Unbiased Uncovering Subsets Associated with Cancer Relapse: Heterogeneity of Multidrug Resistance in Precursor Bâ€ALL. ChemMedChem, 2021, , .	3.2	2
6	Anti-inflammatory mechanisms of the novel cytokine interleukin-38 in allergic asthma. Cellular and Molecular Immunology, 2020, 17, 631-646.	10.5	72
7	Elevated Exogenous Pyruvate Potentiates Mesodermal Differentiation through Metabolic Modulation and AMPK/mTOR Pathway in Human Embryonic Stem Cells. Stem Cell Reports, 2019, 13, 338-351.	4.8	35
8	An AR-ERG transcriptional signature defined by long-range chromatin interactomes in prostate cancer cells. Genome Research, 2019, 29, 223-235.	5.5	46
9	Combined use of arginase and dichloroacetate exhibits anti-proliferative effects in triple negative breast cancer cells. Journal of Pharmacy and Pharmacology, 2019, 71, 306-315.	2.4	17
10	Histone H3.3K27M Mobilizes Multiple Cancer/Testis (CT) Antigens in Pediatric Glioma. Molecular Cancer Research, 2018, 16, 623-633.	3.4	10
11	GLUT12 promotes prostate cancer cell growth and is regulated by androgens and CaMKK2 signaling. Endocrine-Related Cancer, 2018, 25, 453-469.	3.1	48
12	Single-Cell Transcriptome Analysis Reveals Estrogen Signaling Coordinately Augments One-Carbon, Polyamine, and Purine Synthesis in Breast Cancer. Cell Reports, 2018, 25, 2285-2298.e4.	6.4	39
13	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. Oncotarget, 2018, 9, 1048-1062.	1.8	31
14	Identification of a Wellsâ€œDawson polyoxometalate-based AP-2Î³ inhibitor with pro-apoptotic activity. Biochemical Journal, 2018, 475, 1965-1977.	3.7	7
15	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. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	3.0	22
16	Scalable Generation of Mesenchymal Stem Cells from Human Embryonic Stem Cells in 3D. International Journal of Biological Sciences, 2018, 14, 1196-1210.	6.4	31
17	Novel lncRNA <i>LINC00844</i> Regulates Prostate Cancer Cell Migration and Invasion through AR Signaling. Molecular Cancer Research, 2018, 16, 1865-1878.	3.4	79
18	GUAVA: A Graphical User Interface for the Analysis and Visualization of ATAC-seq Data. Frontiers in Genetics, 2018, 9, 250.	2.3	15

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19	Transcriptional regulation of core autophagy and lysosomal genes by the androgen receptor promotes prostate cancer progression. Autophagy, 2017, 13, 506-521.	9.1	88
20	Icaritin suppresses development of neuroendocrine differentiation of prostate cancer through inhibition of IL-6/STAT3 and Aurora kinase A pathways in TRAMP mice. Carcinogenesis, 2016, 37, 701-711.	2.8	28
21	Histone H2A T120 Phosphorylation Promotes Oncogenic Transformation via Upregulation of Cyclin D1. Molecular Cell, 2016, 64, 176-188.	9.7	51
22	A novel prostate cancer therapeutic strategy using icaritin-activated arylhydrocarbon-receptor to co-target androgen receptor and its splice variants. Carcinogenesis, 2015, 36, 757-768.	2.8	47
23	Identification of a Novel Coregulator, SH3YL1, That Interacts With the Androgen Receptor N-Terminus. Molecular Endocrinology, 2015, 29, 1426-1439.	3.7	22
24	Androgen receptor co-regulatory networks in castration-resistant prostate cancer. Endocrine-Related Cancer, 2014, 21, R1-R11.	3.1	19
25	Exploring the utility of organo-polyoxometalate hybrids to inhibit SOX transcription factors. Cell Regeneration, 2014, 3, 3:10.	2.6	11
26	Estrogen receptor-mediated long-range chromatin interactions and transcription in breast cancer. Molecular and Cellular Endocrinology, 2014, 382, 624-632.	3.2	35
27	Studying Proteinâ€"DNA Complexes Using Gold Nanoparticles by Exploiting Particle Aggregation, Refractive Index Change, and Fluorescence Quenching and Enhancement Principles. Plasmonics, 2014, 9, 753-763.	3.4	10
28	Fast Screening of Ligand-Protein Interactions based on Ligand-Induced Protein Stabilization of Gold Nanoparticles. Analytical Chemistry, 2014, 86, 2361-2370.	6.5	23
29	Hybrid assembly of DNA-coated gold nanoparticles with water soluble conjugated polymers for studying proteinâ€"DNA interaction and ligand inhibition. RSC Advances, 2014, 4, 8883.	3.6	11
30	Studying forkhead box protein A1â€"DNA interaction and ligand inhibition using gold nanoparticles, electrophoretic mobility shift assay, and fluorescence anisotropy. Analytical Biochemistry, 2014, 448, 95-104.	2.4	6
31	Sequencing the transcriptional network of androgen receptor in prostate cancer. Cancer Letters, 2013, 340, 254-260.	7.2	15
32	Simultaneously Learning DNA Motif Along with Its Position and Sequence Rank Preferences Through Expectation Maximization Algorithm. Journal of Computational Biology, 2013, 20, 237-248.	1.6	10
33	Antisense now makes sense: dual modulation of androgen-dependent transcription by CTBP1-AS. EMBO Journal, 2013, 32, 1653-1654.	7.8	10
34	A transcriptional repressor co-regulatory network governing androgen response in prostate cancers. EMBO Journal, 2012, 31, 2810-2823.	7.8	139
35	Integration of Regulatory Networks by NKX3-1 Promotes Androgen-Dependent Prostate Cancer Survival. Molecular and Cellular Biology, 2012, 32, 399-414.	2.3	165
36	Extensive Promoter-Centered Chromatin Interactions Provide a Topological Basis for Transcription Regulation. Cell, 2012, 148, 84-98.	28.9	1,096

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37	Determination of transcription factor binding. Nature Genetics, 2011, 43, 11-12.	21.4	3
38	AP-2Î³ regulates oestrogen receptor-mediated long-range chromatin interaction and gene transcription. EMBO Journal, 2011, 30, 2569-2581.	7.8	144
39	Multiple Sequence-Specific DNA-Binding Proteins Mediate Estrogen Receptor Signaling through a Tethering Pathway. Molecular Endocrinology, 2011, 25, 564-574.	3.7	45
40	Integrative model of genomic factors for determining binding site selection by estrogen receptorâ€Î±. Molecular Systems Biology, 2010, 6, 456.	7.2	139
41	Location analysis for the estrogen receptor-Î± reveals binding to diverse ERE sequences and widespread binding within repetitive DNA elements. Nucleic Acids Research, 2010, 38, 2355-2368.	14.5	54
42	Genomic Analyses of Hormone Signaling and Gene Regulation. Annual Review of Physiology, 2010, 72, 191-218.	13.1	78
43	Inherent Signals in Sequencing-Based Chromatin-ImmunoPrecipitation Control Libraries. PLoS ONE, 2009, 4, e5241.	2.5	40
44	An oestrogen-receptor-Î±-bound human chromatin interactome. Nature, 2009, 462, 58-64.	27.8	1,537
45	Regulation of Estrogen Receptor-mediated Long Range Transcription via Evolutionarily Conserved Distal Response Elements. Journal of Biological Chemistry, 2008, 283, 32977-32988.	3.4	89
46	Whole-Genome Cartography of Estrogen Receptor Î± Binding Sites. PLoS Genetics, 2007, 3, e87.	3.5	400
47	MYBBP1a is a Novel Repressor of NF-ÎºB. Journal of Molecular Biology, 2007, 366, 725-736.	4.2	64
48	Smads orchestrate specific histone modifications and chromatin remodeling to activate transcription. EMBO Journal, 2006, 25, 4490-4502.	7.8	126
49	Altered pharmacology and distinct coactivator usage for estrogen receptor-dependent transcription through activating protein-1. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 559-564.	7.1	63
50	Chromatin exposes intrinsic differences in the transcriptional activities of estrogen receptors alpha and beta. EMBO Journal, 2003, 22, 600-611.	7.8	39
51	A Novel Arabidopsis Acetyltransferase Interacts with the Geminivirus Movement Protein NSP. Plant Cell, 2003, 15, 1605-1618.	6.6	77
52	Histone H1 Represses Estrogen Receptor Î± Transcriptional Activity by Selectively Inhibiting Receptor-Mediated Transcription Initiation. Molecular and Cellular Biology, 2002, 22, 2463-2471.	2.3	35
53	Organization and characterization of the two yeast ribosomal protein YL19 genes. Current Genetics, 1996, 30, 273-278.	1.7	9
54	Nucleotide sequence and characterization of theSaccharomyces cerevisiae RPL19A gene encoding a homolog of the mammalian ribosomal protein l19. Yeast, 1995, 11, 383-389.	1.7	5