Huiqing Zhou

List of Publications by Year
in descending order

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80	3,975	109321 35	138484 58
papers	citations	h-index	g-index

90	90	90	6454
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CRISPR-Cas9â€'Based Genomic Engineering in Keratinocytes: From Technology to Application. JID Innovations, 2022, 2, 100082.	2.4	4
2	Enhanced pro-apoptosis gene signature following the activation of TAp63Î± in oocytes upon Î³ irradiation. Cell Death and Disease, 2022, 13, 204.	6.3	5
3	Terminal keratinocyte differentiation in vitro is associated with a stable DNA methylome. Experimental Dermatology, 2021, 30, 1023-1032.	2.9	8
4	Isoform-Specific Roles of Mutant p63 in Human Diseases. Cancers, 2021, 13, 536.	3.7	15
5	ANANSE: an enhancer network-based computational approach for predicting key transcription factors in cell fate determination. Nucleic Acids Research, 2021, 49, 7966-7985.	14.5	39
6	Distinct Pathogenic Genes Causing Intellectual Disability and Autism Exhibit a Common Neuronal Network Hyperactivity Phenotype. Cell Reports, 2020, 30, 173-186.e6.	6.4	44
7	Pluripotent Stem Cell Differentiation Toward Functional Basal Stratified Epithelial Cells. Methods in Molecular Biology, 2020, , 297-304.	0.9	3
8	Characterization of In Vitro Differentiation of Human Primary Keratinocytes by RNA-Seq Analysis. Journal of Visualized Experiments, 2020, , .	0.3	1
9	Single-cell RNA-seq identifies a reversible mesodermal activation in abnormally specified epithelia of p63 EEC syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17361-17370.	7.1	19
10	Deregulated Adhesion Program in Palatal Keratinocytes of Orofacial Cleft Patients. Genes, 2019, 10, 836.	2.4	4
11	Neuronal network dysfunction in a model for Kleefstra syndrome mediated by enhanced NMDAR signaling. Nature Communications, 2019, 10, 4928.	12.8	92
12	TA*p63 and GTAp63 achieve tighter transcriptional regulation in quality control by converting an inhibitory element into an additional transactivation domain. Cell Death and Disease, 2019, 10, 686.	6.3	10
13	Mutations in GDF11 and the extracellular antagonist, Follistatin, as a likely cause of Mendelian forms of orofacial clefting in humans. Human Mutation, 2019, 40, 1813-1825.	2.5	26
14	p63 cooperates with CTCF to modulate chromatin architecture in skin keratinocytes. Epigenetics and Chromatin, 2019, 12, 31.	3.9	24
15	Deletions and loss-of-function variants in TP63 associated with orofacial clefting. European Journal of Human Genetics, 2019, 27, 1101-1112.	2.8	16
16	Front Cover, Volume 40, Issue 10. Human Mutation, 2019, 40, i.	2.5	0
17	Increased H3K9 methylation and impaired expression of Protocadherins are associated with the cognitive dysfunctions of the Kleefstra syndrome. Nucleic Acids Research, 2018, 46, 4950-4965.	14.5	32
18	p63 is a key regulator of iRHOM2 signalling in the keratinocyte stress response. Nature Communications, 2018, 9, 1021.	12.8	23

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19	Transcriptome Analysis Identifies Multifaceted Regulatory Mechanisms Dictating a Genetic Switch from Neuronal Network Establishment to Maintenance During Postnatal Prefrontal Cortex Development. Cerebral Cortex, 2018, 28, 833-851.	2.9	15
20	Master regulatory role of p63 in epidermal development and disease. Cellular and Molecular Life Sciences, 2018, 75, 1179-1190.	5.4	133
21	Mutant p63 Affects Epidermal Cell Identity through Rewiring the Enhancer Landscape. Cell Reports, 2018, 25, 3490-3503.e4.	6.4	41
22	Splicing and Chromatin Factors Jointly Regulate Epidermal Differentiation. Cell Reports, 2018, 25, 1292-1303.e5.	6.4	21
23	Modeling of Aniridia-Related Keratopathy by CRISPR/Cas9 Genome Editing of Human Limbal Epithelial Cells and Rescue by Recombinant PAX6 Protein. Stem Cells, 2018, 36, 1421-1429.	3.2	39
24	Mutations in the Epithelial Cadherin-p120-Catenin Complex Cause Mendelian Non-Syndromic Cleft Lip with or without Cleft Palate. American Journal of Human Genetics, 2018, 102, 1143-1157.	6.2	94
25	An FEVR-associated mutation in ZNF408 alters the expression of genes involved in the development of vasculature. Human Molecular Genetics, 2018, 27, 3519-3527.	2.9	14
26	Evolutionary re-wiring of p63 and the epigenomic regulatory landscape in keratinocytes and its potential implications on species-specific gene expression and phenotypes. Nucleic Acids Research, 2017, 45, 8208-8224.	14.5	39
27	Duplicated Enhancer Region Increases Expression of CTSB and Segregates with Keratolytic Winter Erythema in South African and Norwegian Families. American Journal of Human Genetics, 2017, 100, 737-750.	6.2	35
28	Identification of a de novo variant in CHUK in a patient with an EEC/AEC syndromeâ€like phenotype and hypogammaglobulinemia. American Journal of Medical Genetics, Part A, 2017, 173, 1813-1820.	1.2	8
29	Î”Np63-mediated regulation of hyaluronic acid metabolism and signaling supports HNSCC tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13254-13259.	7.1	46
30	NovelIRF6Mutations Detected in Orofacial Cleft Patients by Targeted Massively Parallel Sequencing. Journal of Dental Research, 2017, 96, 179-185.	5.2	12
31	Functional convergence of histone methyltransferases EHMT1 and KMT2C involved in intellectual disability and autism spectrum disorder. PLoS Genetics, 2017, 13, e1006864.	3.5	116
32	p63 exerts spatio-temporal control of palatal epithelial cell fate to prevent cleft palate. PLoS Genetics, 2017, 13, e1006828.	3.5	34
33	Histone Methylation by the Kleefstra Syndrome Protein EHMT1 Mediates Homeostatic Synaptic Scaling. Neuron, 2016, 91, 341-355.	8.1	74
34	Retinoic acid signalling in the development of the epidermis, the limbs and the secondary palate. Differentiation, 2016, 92, 326-335.	1.9	16
35	Tooth agenesis and orofacial clefting: genetic brothers in arms?. Human Genetics, 2016, 135, 1299-1327.	3.8	46
36	Perinatal reduction of functional serotonin transporters results in developmental delay. Neuropharmacology, 2016, 109, 96-111.	4.1	24

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37	Novel mutations in LRP6 highlight the role of WNT signaling in tooth agenesis. Genetics in Medicine, 2016, 18, 1158-1162.	2.4	58
38	CTCF-mediated chromatin loops enclose inducible gene regulatory domains. BMC Genomics, 2016, 17, 252.	2.8	58
39	Systematic analysis of copy number variants of a large cohort of orofacial cleft patients identifies candidate genes for orofacial clefts. Human Genetics, 2016, 135, 41-59.	3.8	42
40	Choices for Induction of Pluripotency: Recent Developments in Human Induced Pluripotent Stem Cell Reprogramming Strategies. Stem Cell Reviews and Reports, 2016, 12, 54-72.	5.6	70
41	p63 controls cell migration and invasion by transcriptional regulation of MTSS1. Oncogene, 2016, 35, 1602-1608.	5.9	37
42	Genome-wide p63-regulated gene expression in differentiating epidermal keratinocytes. Genomics Data, 2015, 5, 159-163.	1.3	16
43	Transcription factor p63 bookmarks and regulates dynamic enhancers during epidermal differentiation. EMBO Reports, 2015, 16, 863-878.	4.5	134
44	Long-term consequences of chronic fluoxetine exposure on the expression of myelination-related genes in the rat hippocampus. Translational Psychiatry, 2015, 5, e642-e642.	4.8	24
45	p63 sustains self-renewal of mammary cancer stem cells through regulation of Sonic Hedgehog signaling. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3499-3504.	7.1	141
46	Gene regulatory mechanisms orchestrated by p63 in epithelial development and related disorders. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 590-600.	1.9	27
47	p63 supports aerobic respiration through hexokinase II. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11577-11582.	7.1	64
48	A Mutation in TP63 Causing a Mild Ectodermal Dysplasia Phenotype. Journal of Investigative Dermatology, 2014, 134, 2277-2280.	0.7	5
49	An etiologic regulatory mutation in IRF6 with loss- and gain-of-function effects. Human Molecular Genetics, 2014, 23, 2711-2720.	2.9	55
50	Reduced Euchromatin histone methyltransferase 1 causes developmental delay, hypotonia, and cranial abnormalities associated with increased bone gene expression in Kleefstra syndrome mice. Developmental Biology, 2014, 386, 395-407.	2.0	65
51	Effects of retinoic acid on proliferation and gene expression of cleft and non-cleft palatal keratinocytes. European Journal of Orthodontics, 2014, 36, 727-734.	2.4	5
52	Angiomodulin is required for cardiogenesis of embryonic stem cells and is maintained by a feedback loop network of p63 and Activin-A. Stem Cell Research, 2014, 12, 49-59.	0.7	21
53	Genomic approaches for studying craniofacial disorders. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2013, 163, 218-231.	1.6	29
54	De Novo Mutations in the Genome Organizer CTCF Cause Intellectual Disability. American Journal of Human Genetics, 2013, 93, 124-131.	6.2	151

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55	p63 control of desmosome gene expression and adhesion is compromised in AEC syndrome. Human Molecular Genetics, 2013, 22, 531-543.	2.9	65
56	APR-246/PRIMA-1MET rescues epidermal differentiation in skin keratinocytes derived from EEC syndrome patients with p63 mutations. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2157-2162.	7.1	37
57	Impaired epithelial differentiation of induced pluripotent stem cells from ectodermal dysplasia-related patients is rescued by the small compound APR-246/PRIMA-1 ^{MET}. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2152-2156.	7.1	69
58	A step closer toward therapies for p63-related disorders. Rare Diseases (Austin, Tex), 2013, 1, e24247.	1.8	3
59	Mutations in ISPD cause Walker-Warburg syndrome and defective glycosylation of Î±-dystroglycan. Nature Genetics, 2012, 44, 581-585.	21.4	191
60	p63â€“microRNA feedback in keratinocyte senescence. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1133-1138.	7.1	161
61	Disruption of an EHMT1-Associated Chromatin-Modification Module Causes Intellectual Disability. American Journal of Human Genetics, 2012, 91, 73-82.	6.2	214
62	The genetics of selective serotonin reuptake inhibitors. , 2012, 136, 375-400.		38
63	Mutant p63 causes defective expansion of ectodermal progenitor cells and impaired FGF signalling in AEC syndrome. EMBO Molecular Medicine, 2012, 4, 192-205.	6.9	68
64	Vitamin A and clefting: putative biological mechanisms. Nutrition Reviews, 2011, 69, 613-624.	5.8	56
65	TAp63 Is Important for Cardiac Differentiation of Embryonic Stem Cells and Heart Development. Stem Cells, 2011, 29, 1672-1683.	3.2	49
66	Epigenetic Regulation of Learning and Memory by Drosophila EHMT/G9a. PLoS Biology, 2011, 9, e1000569.	5.6	185
67	Differential altered stability and transcriptional activity of Î”Np63 mutants in distinct ectodermal dysplasias. Journal of Cell Science, 2011, 124, 2200-2207.	2.0	56
68	Cooperation between the transcription factors p63 and IRF6 is essential to prevent cleft palate in mice. Journal of Clinical Investigation, 2010, 120, 1561-1569.	8.2	123
69	Genome-Wide Profiling of p63 DNAâ€“Binding Sites Identifies an Element that Regulates Gene Expression during Limb Development in the 7q21 SHFM1 Locus. PLoS Genetics, 2010, 6, e1001065.	3.5	169
70	Regulation of vitamin metabolism by p53 and p63 in development and cancer. Cell Cycle, 2010, 9, 2749-2757.	2.6	59
71	Embryonic stem cells as an ectodermal cellular model of human p63-related dysplasia syndromes. Biochemical and Biophysical Research Communications, 2010, 395, 131-135.	2.1	14
72	Regulation of vitamin metabolism by p53 and p63 in development and cancer. Cell Cycle, 2010, 9, 2709.	2.6	3

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73	A novel translation re-initiation mechanism for the p63 gene revealed by amino-terminal truncating mutations in Rapp-Hodgkin/Hay-Wells-like syndromes. Human Molecular Genetics, 2008, 17, 1968-1977.	2.9	53
74	A facelift for the general transcription factor TFIIA. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2007, 1769, 429-436.	2.4	38
75	Uncleaved TFIIA Is a Substrate for Taspase 1 and Active in Transcription. Molecular and Cellular Biology, 2006, 26, 2728-2735.	2.3	67
76	Cleavage and proteasome-mediated degradation of the basal transcription factor TFIIA. EMBO Journal, 2004, 23, 3083-3091.	7.8	23
77	An hsRPB4/7-dependent yeast assay for trans-activation by the EWS oncogene. Oncogene, 2001, 20, 1519-1524.	5.9	23
78	The Multiple Roles of Conserved Arginine 286 of 1-Aminocyclopropane-1-Carboxylate Synthase. Coenzyme Binding, Substrate Binding, and Beyond. Plant Physiology, 1999, 121, 913-919.	4.8	13
79	Renaturation of 1-Aminocyclopropane-1-carboxylate Synthase Expressed inEscherichia coliin the Form of Inclusion Bodies into a Dimeric and Catalytically Active Enzyme. Protein Expression and Purification, 1998, 12, 305-314.	1.3	9
80	Enhanced High-Level Expression of Soluble 1-Aminocyclopropane-1-Carboxylase Synthase and Rapid Purification by Expanded-Bed Adsorption. Protein Expression and Purification, 1998, 14, 178-184.	1.3	3