Yu-Fang Zheng

List of Publications by Year
in descending order

60	1,832	304743	289244
papers	citations	22 h-index	40 g-index

68	68	68	2880
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DSCAM Is a Netrin Receptor that Collaborates with DCC in Mediating Turning Responses to Netrin-1. Cell, 2008, 133, 1241-1254.	28.9	228
2	Evaluation of the Contribution of Different ADAMs to Tumor Necrosis Factor Î± (TNFÎ±) Shedding and of the Function of the TNFÎ± Ectodomain in Ensuring Selective Stimulated Shedding by the TNFÎ± Convertase (TACE/ADAM17). Journal of Biological Chemistry, 2004, 279, 42898-42906.	3.4	135
3	Evidence for Regulation of the Tumor Necrosis Factor Î±-Convertase (TACE) by Protein-tyrosine Phosphatase PTPH1. Journal of Biological Chemistry, 2002, 277, 42463-42470.	3.4	116
4	Catalytic Properties of ADAM19. Journal of Biological Chemistry, 2003, 278, 22331-22340.	3.4	114
5	3â€² UTR lengthening as a novel mechanism in regulating cellular senescence. Genome Research, 2018, 28, 285-294.	5.5	90
6	Follicle-Stimulating Hormone Peptide Can Facilitate Paclitaxel Nanoparticles to Target Ovarian Carcinoma In vivo. Cancer Research, 2009, 69, 6506-6514.	0.9	83
7	Catalytic activity of ADAM28. FEBS Letters, 2001, 498, 82-86.	2.8	63
8	Analysis and Prediction of Translation Rate Based on Sequence and Functional Features of the mRNA. PLoS ONE, 2011, 6, e16036.	2.5	51
9	Why Does the Giant Panda Eat Bamboo? A Comparative Analysis of Appetite-Reward-Related Genes among Mammals. PLoS ONE, 2011, 6, e22602.	2.5	49
10	Identification of Functional Mutations in GATA4 in Patients with Congenital Heart Disease. PLoS ONE, 2013, 8, e62138.	2.5	49
11	Formate rescues neural tube defects caused by mutations in Slc25a32. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4690-4695.	7.1	49
12	Threshold for neural tube defect risk by accumulated singleton loss-of-function variants. Cell Research, 2018, 28, 1039-1041.	12.0	48
13	A Sensitive Method to Monitor Ectodomain Shedding of Ligands of the Epidermal Growth Factor Receptor. , 2006, 327, 99-114.		46
14	Genetic analysis of Wnt/PCP genes in neural tube defects. BMC Medical Genomics, 2018, 11, 38.	1.5	43
15	Loss of Tctn3 causes neuronal apoptosis and neural tube defects in mice. Cell Death and Disease, 2018, 9, 520.	6.3	39
16	Genetic analysis of rare coding mutations of CELSR1â€“3 in congenital heart and neural tube defects in Chinese people. Clinical Science, 2016, 130, 2329-2340.	4.3	37
17	Length of the ORF, position of the first AUG and the Kozak motif are important factors in potential dual-coding transcripts. Cell Research, 2010, 20, 445-457.	12.0	35
18	Ablation of Vacuole Protein Sorting 18 (Vps18) Gene Leads to Neurodegeneration and Impaired Neuronal Migration by Disrupting Multiple Vesicle Transport Pathways to Lysosomes. Journal of Biological Chemistry, 2012, 287, 32861-32873.	3.4	35

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19	Targeted paclitaxel nanoparticles modified with follicle-stimulating hormone Î² 81â€“95 peptide show effective antitumor activity against ovarian carcinoma. International Journal of Pharmaceutics, 2013, 453, 498-505.	5.2	34
20	SKAP2, a novel target of HSF4b, associates with NCK2/F-actin at membrane ruffles and regulates actin reorganization in lens cell. Journal of Cellular and Molecular Medicine, 2011, 15, 783-795.	3.6	30
21	Variants identified in PTK7 associated with neural tube defects. Molecular Genetics & Genomic Medicine, 2019, 7, e00584.	1.2	29
22	A study in vitro on differentiation of bone marrow mesenchymal stem cells into endometrial epithelial cells in mice. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2012, 160, 185-190.	1.1	28
23	Tumor-directed gene therapy in mice using a composite nonviral gene delivery system consisting of the piggyBac transposon and polyethylenimine. BMC Cancer, 2009, 9, 126.	2.6	26
24	Evidence for OTUD-6B Participation in B Lymphocytes Cell Cycle after Cytokine Stimulation. PLoS ONE, 2011, 6, e14514.	2.5	24
25	MIB1 mutations reduce Notch signaling activation and contribute to congenital heart disease. Clinical Science, 2018, 132, 2483-2491.	4.3	23
26	Zfp462 deficiency causes anxietyâ€like behaviors with excessive selfâ€grooming in mice. Genes, Brain and Behavior, 2017, 16, 296-307.	2.2	22
27	Novel Mutation of LRP6 Identified in Chinese Han Population Links Canonical WNT Signaling to Neural Tube Defects. Birth Defects Research, 2018, 110, 63-71.	1.5	22
28	Substrateâ€selective protein ectodomain shedding by ADAM17 and iRhom2 depends on their juxtamembrane and transmembrane domains. FASEB Journal, 2020, 34, 4956-4969.	0.5	22
29	MicroRNA-197 controls ADAM10 expression to mediate MeCP2â€™s role in the differentiation of neuronal progenitors. Cell Death and Differentiation, 2019, 26, 1863-1879.	11.2	21
30	Targeted gene silencing using a follicle-stimulating hormone peptide-conjugated nanoparticle system improves its specificity and efficacy in ovarian clear cell carcinoma in vitro. Journal of Ovarian Research, 2013, 6, 80.	3.0	17
31	MAZ mediates the cross-talk between CT-1 and NOTCH1 signaling during gliogenesis. Scientific Reports, 2016, 6, 21534.	3.3	16
32	Weak Power Frequency Magnetic Field Acting Similarly to EGF Stimulation, Induces Acute Activations of the EGFR Sensitive Actin Cytoskeleton Motility in Human Amniotic Cells. PLoS ONE, 2014, 9, e87626.	2.5	16
33	Screening of Kozak-motif-located SNPs and analysis of their association with human diseases. Biochemical and Biophysical Research Communications, 2010, 392, 89-94.	2.1	15
34	CXADRâ€like membrane protein protects against heart injury by preventing excessive pyroptosis after myocardial infarction. Journal of Cellular and Molecular Medicine, 2020, 24, 13775-13788.	3.6	15
35	Rare mutations in the autophagyâ€regulating gene AMBRA1 contribute to human neural tube defects. Human Mutation, 2020, 41, 1383-1393.	2.5	15
36	A promoter variant in ZNF804A decreasing its expression increases the risk of autism spectrum disorder in the Han Chinese population. Translational Psychiatry, 2019, 9, 31.	4.8	14

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37	Novel mutations of AXIN2 identified in a Chinese Congenital Heart Disease Cohort. Journal of Human Genetics, 2019, 64, 427-435.	2.3	14
38	Organoids as a new model system to study neural tube defects. FASEB Journal, 2021, 35, e21545.	0.5	13
39	Rare mutations of ADAM17 from TOFs induce hypertrophy in human embryonic stem cell-derived cardiomyocytes via HB-EGF signaling. Clinical Science, 2019, 133, 225-238.	4.3	12
40	Enhanced efficacy and specificity of epithelial ovarian carcinogenesis by embedding a DMBA-coated cloth strip in the ovary of rat. Journal of Ovarian Research, 2012, 5, 21.	3.0	9
41	The rare mutation in the endosome-associated recycling protein gene VPS50 is associated with human neural tube defects. Molecular Cytogenetics, 2019, 12, 8.	0.9	9
42	The piggyBac transposon is an integrating non-viral gene transfer vector that enhances the efficiency of GDEPT. Cell Biology International, 2009, 33, 509-515.	3.0	8
43	Overexpression of sigma-1 receptor inhibits ADAM10 and ADAM17 mediated shedding in vitro. Protein and Cell, 2012, 3, 153-159.	11.0	8
44	Self-organizing map of gene regulatory networks for cell phenotypes during reprogramming. Computational Biology and Chemistry, 2011, 35, 211-217.	2.3	7
45	ADAM17 Is Critical for Multipolar Exit and Radial Migration of Neuronal Intermediate Progenitor Cells in Mice Cerebral Cortex. PLoS ONE, 2013, 8, e65703.	2.5	7
46	Variants in the Regulatory Region of WNT5A Reduced Risk of Cardiac Conotruncal Malformations in the Chinese Population. Scientific Reports, 2015, 5, 13120.	3.3	7
47	Mild decrease in TBX20 promoter activity is a potentially protective factor against congenital heart defects in the Han Chinese population. Scientific Reports, 2016, 6, 23662.	3.3	7
48	WDR34 mutation from anencephaly patients impaired both SHH and PCP signaling pathways. Journal of Human Genetics, 2020, 65, 985-993.	2.3	5
49	A Disintegrin and Metalloprotease 10 in neuronal maturation and gliogenesis during cortex development. Neural Regeneration Research, 2013, 8, 24-30.	3.0	5
50	Evolution and diversity of axon guidance Robo receptor family genes. Journal of Systematics and Evolution, 2021, 59, 169-182.	3.1	4
51	High-level transgene expression mediated by the piggyBac transposon enhances transgenic therapeutic effects in cervical cancer xenografts. Oncology Reports, 2010, , .	2.6	4
52	Parental folate deficiency induces birth defects in mice accompanied with increased de novo mutations. Cell Discovery, 2022, 8, 18.	6.7	3
53	Network correlation analysis revealed potential new mechanisms for neural tube defects beyond folic acid. Birth Defects Research, 2018, 110, 982-993.	1.5	2
54	SRPS associated protein WDR60 regulates the multipolar-to-bipolar transition of migrating neurons during cortical development. Cell Death and Disease, 2021, 12, 75.	6.3	2

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55	A missense mutation in TCN2 is associated with decreased risk for congenital heart defects and may increase cellular uptake of vitamin B12 via Megalin. Oncotarget, 2017, 8, 55216-55229.	1.8	2
56	Cilia and their role in neural tube development and defects. Reproductive and Developmental Medicine, 2022, 6, 67-78.	0.5	2
57	MeCP2 duplication causes hyperandrogenism by upregulating LHCGR and downregulating RORÎ±. Cell Death and Disease, 2021, 12, 999.	6.3	1
58	Expression and purification of the extracellular domain of the human follicleâ€stimulating hormone receptor using <scp>E</scp>scherichia coli. Journal of Obstetrics and Gynaecology Research, 2014, 40, 501-508.	1.3	0
59	Dr. Yang Zhong: An explorer on the road forever. Protein and Cell, 2018, 9, 141-144.	11.0	0
60	Deficiency of antisense lncRNA Gm48853 resulted in embryonic lethality and impaired placental development in mice. Reproductive and Developmental Medicine, 2019, 3, 5.	0.5	0