

Hungwen Chen

List of Publications by Year in descending order

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31
papers

1,144
citations

430874

18
h-index

477307

29
g-index

31
all docs

31
docs citations

31
times ranked

1002
citing authors

#	ARTICLE	IF	CITATIONS
1	GCMa Regulates the Syncytin-mediated Trophoblastic Fusion. <i>Journal of Biological Chemistry</i> , 2002, 277, 50062-50068.	3.4	244
2	GCM1 Regulation of the Expression of Syncytin 2 and Its Cognate Receptor MFSD2A in Human Placenta1. <i>Biology of Reproduction</i> , 2010, 83, 387-395.	2.7	95
3	Stimulation of GCMa Transcriptional Activity by Cyclic AMP/Protein Kinase A Signaling Is Attributed to CBP-Mediated Acetylation of GCMa. <i>Molecular and Cellular Biology</i> , 2005, 25, 8401-8414.	2.3	82
4	Histone deacetylase 3 binds to and regulates the GCMa transcription factor. <i>Nucleic Acids Research</i> , 2006, 34, 1459-1469.	14.5	74
5	Mechanism of Hypoxia-induced GCM1 Degradation. <i>Journal of Biological Chemistry</i> , 2009, 284, 17411-17419.	3.4	66
6	Functional Characterization of the Placental Fusogenic Membrane Protein Syncytin1. <i>Biology of Reproduction</i> , 2004, 71, 1956-1962.	2.7	64
7	Improvement of glycosylation in insect cells with mammalian glycosyltransferases. <i>Journal of Biotechnology</i> , 2003, 102, 61-71.	3.8	47
8	FBW2 Targets GCMa to the Ubiquitin-Proteasome Degradation System. <i>Journal of Biological Chemistry</i> , 2005, 280, 10083-10090.	3.4	45
9	A Novel Cyclic AMP/Epac1/CaMKI Signaling Cascade Promotes GCM1 Desumoylation and Placental Cell Fusion. <i>Molecular and Cellular Biology</i> , 2011, 31, 3820-3831.	2.3	44
10	High-Temperature Requirement Protein A4 (HtrA4) Suppresses the Fusogenic Activity of Syncytin-1 and Promotes Trophoblast Invasion. <i>Molecular and Cellular Biology</i> , 2012, 32, 3707-3717.	2.3	43
11	GATA3 inhibits GCM1 activity and trophoblast cell invasion. <i>Scientific Reports</i> , 2016, 6, 21630.	3.3	36
12	Functional Antagonism between High Temperature Requirement Protein A (HtrA) Family Members Regulates Trophoblast Invasion. <i>Journal of Biological Chemistry</i> , 2014, 289, 22958-22968.	3.4	31
13	Dual-specificity phosphatase 23 mediates GCM1 dephosphorylation and activation. <i>Nucleic Acids Research</i> , 2011, 39, 848-861.	14.5	27
14	Simultaneous immunoblotting analysis with activity gel electrophoresis in a single polyacrylamide gel. <i>Electrophoresis</i> , 2001, 22, 1894-1899.	2.4	23
15	Small Ubiquitin-like Modifier Modification Regulates the DNA Binding Activity of Glial Cell Missing Drosophila Homolog a. <i>Journal of Biological Chemistry</i> , 2007, 282, 27239-27249.	3.4	23
16	Association of dysfunctional synapse defective 1 (SYDE1) with restricted fetal growth - SYDE1 regulates placental cell migration and invasion. <i>Journal of Pathology</i> , 2017, 241, 324-336.	4.5	23
17	Involvement of Epac1/Rap1/CaMKI/HDAC5 signaling cascade in the regulation of placental cell fusion. <i>Molecular Human Reproduction</i> , 2013, 19, 745-755.	2.8	21
18	Ubiquitin-Conjugating Enzyme UBE2D2 Is Responsible for FBXW2 (F-Box and WD Repeat Domain) Targeted Degradation of GCM1. <i>Biology of Reproduction</i> , 2008, 79, 914-920.	2.7	19

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19	A Positive Feedback Loop between Glial Cells Missing 1 and Human Chorionic Gonadotropin (hCG) Regulates Placental hCG ² Expression and Cell Differentiation. <i>Molecular and Cellular Biology</i> , 2016, 36, 197-209.	2.3	18
20	Functional antagonism between $\hat{I}^{\text{Np63}}\hat{I}^{\pm}$ and GCM1 regulates human trophoblast stemness and differentiation. <i>Nature Communications</i> , 2022, 13, 1626.	12.8	17
21	RACK1 (receptor for activated C-kinase 1) interacts with FBW2 (F-box and WD-repeat domain-containing) Tj ETQq1 1 0.784314 rgBT <i>Biochemical Journal</i> , 2013, 453, 201-208.	3.7	16
22	New insights into the regulation of placental growth factor gene expression by the transcription factors GCM1 and DLX3 in human placenta. <i>Journal of Biological Chemistry</i> , 2018, 293, 9801-9811.	3.4	15
23	Role of the Transcription Factor C/EBP ² in Expression of a Rat Pregnancy-Specific Glycoprotein Gene. <i>DNA and Cell Biology</i> , 1995, 14, 681-688.	1.9	13
24	Active Intracellular Domain of Notch Enhances Transcriptional Activation of CCAAT/Enhancer Binding Protein ² on a Rat Pregnancy-Specific Glycoprotein Gene. <i>Biochemistry</i> , 2000, 39, 1675-1682.	2.5	12
25	Characterization of a Major Member of the Rat Pregnancy-Specific Glycoprotein Family. <i>DNA and Cell Biology</i> , 1992, 11, 139-148.	1.9	11
26	Characterization of Two Promoters of a Rat Pregnancy-Specific Glycoprotein Gene. <i>Biochemistry</i> , 1994, 33, 9615-9626.	2.5	11
27	A Functional Composite Cis-Element for NF ^B and RBPJ ² in the Rat Pregnancy-Specific Glycoprotein Gene1. <i>Biology of Reproduction</i> , 2001, 65, 1437-1443.	2.7	9
28	Caspase ¹⁴ suppresses GCM1 acetylation and inhibits placental cell differentiation. <i>FASEB Journal</i> , 2013, 27, 2818-2828.	0.5	7
29	SFRP3 negatively regulates placental extravillous trophoblast cell migration mediated by the GCM1 ^{WNT10B} ^{FZD7} axis. <i>FASEB Journal</i> , 2019, 33, 314-326.	0.5	5
30	Syncytins: Molecular Aspects. , 2011, , 117-137.		3
31	Molecular Mechanism of Hypoxia-Induced GCM1 Degradation.. <i>Biology of Reproduction</i> , 2009, 81, 164-164.	2.7	0