

Ya-Hui Chi

List of Publications by Year in descending order

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57
papers

2,051
citations

331538

21
h-index

243529

44
g-index

63
all docs

63
docs citations

63
times ranked

3053
citing authors

#	ARTICLE	IF	CITATIONS
1	Requirement of DDX3 DEAD Box RNA Helicase for HIV-1 Rev-RRE Export Function. <i>Cell</i> , 2004, 119, 381-392.	13.5	498
2	Accumulation of the Inner Nuclear Envelope Protein Sun1 Is Pathogenic in Progeric and Dystrophic Laminopathies. <i>Cell</i> , 2012, 149, 565-577.	13.5	203
3	Heterozygous Deletion of Mitotic Arrest-Deficient Protein 1 (MAD1) Increases the Incidence of Tumors in Mice. <i>Cancer Research</i> , 2007, 67, 160-166.	0.4	169
4	Characterization of SARS main protease and inhibitor assay using a fluorogenic substrate. <i>Biochemical and Biophysical Research Communications</i> , 2004, 318, 862-867.	1.0	157
5	Histone Acetyltransferase hALP and Nuclear Membrane Protein hsSUN1 Function in De-condensation of Mitotic Chromosomes. <i>Journal of Biological Chemistry</i> , 2007, 282, 27447-27458.	1.6	99
6	Requirement for Sun1 in the expression of meiotic reproductive genes and piRNA. <i>Development (Cambridge)</i> , 2009, 136, 965-973.	1.2	70
7	Dysregulated interactions between lamin A and SUN1 induce abnormalities in the nuclear envelope and endoplasmic reticulum in progeric laminopathies. <i>Journal of Cell Science</i> , 2014, 127, 1792-1804.	1.2	61
8	Aneuploidy and cancer. <i>Journal of Cellular Biochemistry</i> , 2007, 102, 531-538.	1.2	57
9	The nuclear envelopathies and human diseases. <i>Journal of Biomedical Science</i> , 2009, 16, 96.	2.6	52
10	Aurora kinase inhibitors reveal mechanisms of HURP in nucleation of centrosomal and kinetochore microtubules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E1779-87.	3.3	39
11	Spindle assembly checkpoint and p53 deficiencies cooperate for tumorigenesis in mice. <i>International Journal of Cancer</i> , 2009, 124, 1483-1489.	2.3	38
12	Optimization of Ligand and Lipophilic Efficiency To Identify an in Vivo Active Furano-Pyrimidine Aurora Kinase Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 5247-5260.	2.9	36
13	Oligomerization of acidic fibroblast growth factor is not a prerequisite for its cell proliferation activity. <i>Protein Science</i> , 2002, 11, 1050-1061.	3.1	33
14	A reporter-based assay for identifying hepatitis C virus inhibitors based on subgenomic replicon cells. <i>Journal of Virological Methods</i> , 2004, 116, 27-33.	1.0	32
15	The N-terminus of rodent and human MAD1 confers species-specific stringency to spindle assembly checkpoint. <i>Oncogene</i> , 2006, 25, 2137-2147.	2.6	31
16	Investigation of the Structural Stability of the Human Acidic Fibroblast Growth Factor by Hydrogen-Deuterium Exchange. <i>Biochemistry</i> , 2002, 41, 15350-15359.	1.2	30
17	Neural stem cells promote nerve regeneration through IL12-induced Schwann cell differentiation. <i>Molecular and Cellular Neurosciences</i> , 2017, 79, 1-11.	1.0	28
18	A proteomic study of TAR-RNA binding protein (TRBP)-associated factors. <i>Cell and Bioscience</i> , 2011, 1, 9.	2.1	27

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19	15N NMR Relaxation Studies of Free and Ligand-bound Human Acidic Fibroblast Growth Factor. <i>Journal of Biological Chemistry</i> , 2000, 275, 39444-39450.	1.6	25
20	Structure and Stability of an Acidic Fibroblast Growth Factor from <i>Notophthalmus viridescens</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 46424-46432.	1.6	24
21	Sun1 deficiency leads to cerebellar ataxia in mice. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 957-67.	1.2	24
22	Requirements for Protein Phosphorylation and the Kinase Activity of Polo-like Kinase 1 (Plk1) for the Kinetochores Function of Mitotic Arrest Deficiency Protein 1 (Mad1). <i>Journal of Biological Chemistry</i> , 2008, 283, 35834-35844.	1.6	21
23	14-3-3 β Regulates β -Catenin-Mediated Mouse Embryonic Stem Cell Proliferation by Sequestering GSK-3 β . <i>PLoS ONE</i> , 2012, 7, e40193.	1.1	21
24	Thermodynamic Characterization of the Human Acidic Fibroblast Growth Factor: Evidence for Cold Denaturation. <i>Biochemistry</i> , 2001, 40, 7746-7753.	1.2	19
25	The EP300, KDM5A, KDM6A and KDM6B Chromatin Regulators Cooperate with KLF4 in the Transcriptional Activation of POU5F1. <i>PLoS ONE</i> , 2012, 7, e52556.	1.1	18
26	Characterization of the Structure and Dynamics of a Near-native Equilibrium Intermediate in the Unfolding Pathway of an All β -Barrel Protein. <i>Journal of Biological Chemistry</i> , 2002, 277, 47507-47516.	1.6	17
27	Adaptation of influenza A (H7N9) virus in primary human airway epithelial cells. <i>Scientific Reports</i> , 2017, 7, 11300.	1.6	16
28	Progerin in muscle leads to thermogenic and metabolic defects via impaired calcium homeostasis. <i>Aging Cell</i> , 2020, 19, e13090.	3.0	16
29	Structurally Homologous All β -Barrel Proteins Adopt Different Mechanisms of Folding. <i>Biophysical Journal</i> , 2003, 85, 459-472.	0.2	15
30	In vivo inhibition of influenza A virus replication by RNA interference targeting the PB2 subunit via intratracheal delivery. <i>PLoS ONE</i> , 2017, 12, e0174523.	1.1	15
31	Identification of Rare Partially Unfolded States in Equilibrium with the Native Conformation in an All β -Barrel Protein. <i>Journal of Biological Chemistry</i> , 2002, 277, 34941-34948.	1.6	13
32	Reversal of laminopathies: the curious case of SUN1. <i>Nucleus</i> , 2012, 3, 418-421.	0.6	12
33	Interference of DNAJB6/MRJ Isoform Switch by Morpholino Inhibits Replication of HIV-1 and RSV. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 14, 251-261.	2.3	12
34	Large Isoform of Mammalian Relative of DnaJ is a Major Determinant of Human Susceptibility to HIV-1 Infection. <i>EBioMedicine</i> , 2014, 1, 126-132.	2.7	11
35	Activation of FGF1B Promoter and FGF1 Are Involved in Cardiogenesis Through the Signaling of PKC, but Not MAPK. <i>Stem Cells and Development</i> , 2015, 24, 2853-2863.	1.1	11
36	Exercise and the Cisd2 Prolongevity Gene: Two Promising Strategies to Delay the Aging of Skeletal Muscle. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9059.	1.8	11

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37	Deformation of the nucleus by TGF β 1 via the remodeling of nuclear envelope and histone isoforms. <i>Epigenetics and Chromatin</i> , 2022, 15, 1.	1.8	11
38	Molecular cloning, overexpression, and characterization of the ligand-binding D2 domain of fibroblast growth factor receptor. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 253-258.	1.0	10
39	Evidence for Cooperative Transforming Activity of the Human Pituitary Tumor Transforming Gene and Human T-Cell Leukemia Virus Type 1 Tax. <i>Journal of Virology</i> , 2007, 81, 7894-7901.	1.5	10
40	The SUN2-nesprin-2 LINC complex and KIF20A function in the Golgi dispersal. <i>Scientific Reports</i> , 2021, 11, 5358.	1.6	10
41	Lamin A-mediated nuclear lamina integrity is required for proper ciliogenesis. <i>EMBO Reports</i> , 2020, 21, e49680.	2.0	10
42	Design and synthesis of BPR1K653 derivatives targeting the back pocket of Aurora kinases for selective isoform inhibition. <i>European Journal of Medicinal Chemistry</i> , 2018, 151, 533-545.	2.6	9
43	Outer nuclear membrane protein Kuduk modulates the LINC complex and nuclear envelope architecture. <i>Journal of Cell Biology</i> , 2017, 216, 2827-2841.	2.3	7
44	Utrophin Compensates dystrophin Loss during Mouse Spermatogenesis. <i>Scientific Reports</i> , 2017, 7, 7372.	1.6	7
45	Discovery and Synthesis of a Pyrimidine-Based Aurora Kinase Inhibitor to Reduce Levels of MYC Oncoproteins. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 7312-7330.	2.9	7
46	Argonaute-2 Enhances Suppression of Human Cytomegalovirus Replication by Polycistronic Short Hairpin Rnas Targeting Ul46, Ul70 and Ul122. <i>Antiviral Therapy</i> , 2011, 16, 741-749.	0.6	4
47	Sun1 Mediates Interkinetic Nuclear Migration and Notch Signaling in the Neurogenesis of Zebrafish. <i>Stem Cells and Development</i> , 2019, 28, 1116-1127.	1.1	2
48	Development of a respiratory syncytial virus vaccine using human hepatitis B core-based virus-like particles to induce mucosal immunity. <i>Vaccine</i> , 2021, 39, 3259-3269.	1.7	2
49	Chromosomal Instability and Human T Cell Leukemia Virus 1 Transformation. <i>Translational Research in Biomedicine</i> , 2008, , 228-238.	0.4	1
50	Human T-Cell Leukemia Virus 1 and Cellular Transformation. , 2009, , 317-333.		0
51	Mitotic Arrest-Deficient Protein 1. , 2011, , 2343-2345.		0
52	Sun1 and Sun2 are required for nuclear positioning and nuclear migration of neuronal cells in postnatal brain development. <i>FASEB Journal</i> , 2012, 26, 1035.12.	0.2	0
53	Mitotic Arrest-Deficient Protein 1. , 2015, , 2883-2885.		0
54	Abstract 3233: Design and synthesis of BPR1K653 and its derivatives targeting the back pocket of Aurora kinases for selective isoform inhibition. , 2017, , .		0

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55	Disease-causing mutations of Lamin A lead to loss of calcium homeostasis in the endo/sarcoplasmic reticulum. FASEB Journal, 2018, 32, 533.110.	0.2	0
56	A novel mechanism of miRNA-mediated CBX8 associated with tumorigenesis in head and neck squamous cell carcinoma.. Journal of Clinical Oncology, 2019, 37, e17534-e17534.	0.8	0
57	Abstract 3851: An Aurora kinase inhibitor BPR6K471 inhibits tumor growth and reduces the cancer stem cell-like properties of small cell lung cancer. , 2019, , .		0