

# Ya-Hui Chi

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Deformation of the nucleus by TGF $\beta$ 21 via the remodeling of nuclear envelope and histone isoforms. Epigenetics and Chromatin, 2022, 15, 1.	1.8	11
2	The SUN2-nesprin-2 LINC complex and KIF20A function in the Golgi dispersal. Scientific Reports, 2021, 11, 5358.	1.6	10
3	Discovery and Synthesis of a Pyrimidine-Based Aurora Kinase Inhibitor to Reduce Levels of MYC Oncoproteins. Journal of Medicinal Chemistry, 2021, 64, 7312-7330.	2.9	7
4	Development of a respiratory syncytial virus vaccine using human hepatitis B core-based virus-like particles to induce mucosal immunity. Vaccine, 2021, 39, 3259-3269.	1.7	2
5	Progerin in muscle leads to thermogenic and metabolic defects via impaired calcium homeostasis. Aging Cell, 2020, 19, e13090.	3.0	16
6	Exercise and the Cisd2 Prolongevity Gene: Two Promising Strategies to Delay the Aging of Skeletal Muscle. International Journal of Molecular Sciences, 2020, 21, 9059.	1.8	11
7	Lamin A-mediated nuclear lamina integrity is required for proper ciliogenesis. EMBO Reports, 2020, 21, e49680.	2.0	10
8	Sun1 Mediates Interkinetic Nuclear Migration and Notch Signaling in the Neurogenesis of Zebrafish. Stem Cells and Development, 2019, 28, 1116-1127.	1.1	2
9	Interference of DNAJB6/MRJ Isoform Switch by Morpholino Inhibits Replication of HIV-1 and RSV. Molecular Therapy - Nucleic Acids, 2019, 14, 251-261.	2.3	12
10	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
11	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
12	Design and synthesis of BPR1K653 derivatives targeting the back pocket of Aurora kinases for selective isoform inhibition. European Journal of Medicinal Chemistry, 2018, 151, 533-545.	2.6	9
13	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
14	Adaptation of influenza A (H7N9) virus in primary human airway epithelial cells. Scientific Reports, 2017, 7, 11300.	1.6	16
15	Outer nuclear membrane protein Kuduk modulates the LINC complex and nuclear envelope architecture. Journal of Cell Biology, 2017, 216, 2827-2841.	2.3	7
16	Utrophin Compensates dystrophin Loss during Mouse Spermatogenesis. Scientific Reports, 2017, 7, 7372.	1.6	7
17	Neural stem cells promote nerve regeneration through IL12-induced Schwann cell differentiation. Molecular and Cellular Neurosciences, 2017, 79, 1-11.	1.0	28
18	In vivo inhibition of influenza A virus replication by RNA interference targeting the PB2 subunit via intratracheal delivery. PLoS ONE, 2017, 12, e0174523.	1.1	15

#	ARTICLE	IF	CITATIONS
19	Abstract 3233: Design and synthesis of BPR1K653 and its derivatives targeting the back pocket of Aurora kinases for selective isoform inhibition. , 2017, , .		0
20	Activation of FGF1B Promoter and FGF1 Are Involved in Cardiogenesis Through the Signaling of PKC, but Not MAPK. Stem Cells and Development, 2015, 24, 2853-2863.	1.1	11
21	Sun1 deficiency leads to cerebellar ataxia in mice. DMM Disease Models and Mechanisms, 2015, 8, 957-67.	1.2	24
22	Mitotic Arrest-Deficient Protein 1. , 2015, , 2883-2885.		0
23	Large Isoform of Mammalian Relative of Dnal is a Major Determinant of Human Susceptibility to HIV-1 Infection. EBioMedicine, 2014, 1, 126-132.	2.7	11
24	Dysregulated interactions between lamin A and SUN1 induce abnormalities in the nuclear envelope and endoplasmic reticulum in progeric laminopathies. Journal of Cell Science, 2014, 127, 1792-1804.	1.2	61
25	Optimization of Ligand and Lipophilic Efficiency To Identify an in Vivo Active Furano-Pyrimidine Aurora Kinase Inhibitor. Journal of Medicinal Chemistry, 2013, 56, 5247-5260.	2.9	36
26	Aurora kinase inhibitors reveal mechanisms of HURP in nucleation of centrosomal and kinetochore microtubules. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1779-87.	3.3	39
27	Reversal of laminopathies: the curious case of SUN1. Nucleus, 2012, 3, 418-421.	0.6	12
28	Accumulation of the Inner Nuclear Envelope Protein Sun1 Is Pathogenic in Progeric and Dystrophic Laminopathies. Cell, 2012, 149, 565-577.	13.5	203
29	14-3-3 $\beta$ Regulates $\beta$ -Catenin-Mediated Mouse Embryonic Stem Cell Proliferation by Sequestering GSK-3 $\beta$ . PLoS ONE, 2012, 7, e40193.	1.1	21
30	The EP300, KDM5A, KDM6A and KDM6B Chromatin Regulators Cooperate with KLF4 in the Transcriptional Activation of POU5F1. PLoS ONE, 2012, 7, e52556.	1.1	18
31	Sun1 and Sun2 are required for nuclear positioning and nuclear migration of neuronal cells in postnatal brain development. FASEB Journal, 2012, 26, 1035.12.	0.2	0
32	Argonaute-2 Enhances Suppression of Human Cytomegalovirus Replication by Polycistronic Short Hairpin Rnas Targeting Ul46, Ul70 and Ul122. Antiviral Therapy, 2011, 16, 741-749.	0.6	4
33	A proteomic study of TAR-RNA binding protein (TRBP)-associated factors. Cell and Bioscience, 2011, 1, 9.	2.1	27
34	Mitotic Arrest-Deficient Protein 1. , 2011, , 2343-2345.		0
35	Human T-Cell Leukemia Virus 1 and Cellular Transformation. , 2009, , 317-333.		0
36	Requirement for Sun1 in the expression of meiotic reproductive genes and piRNA. Development (Cambridge), 2009, 136, 965-973.	1.2	70

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37	Spindle assembly checkpoint and p53 deficiencies cooperate for tumorigenesis in mice. <i>International Journal of Cancer</i> , 2009, 124, 1483-1489.	2.3	38
38	The nuclear envelopathies and human diseases. <i>Journal of Biomedical Science</i> , 2009, 16, 96.	2.6	52
39	Requirements for Protein Phosphorylation and the Kinase Activity of Polo-like Kinase 1 (Plk1) for the Kinetochore Function of Mitotic Arrest Deficiency Protein 1 (Mad1). <i>Journal of Biological Chemistry</i> , 2008, 283, 35834-35844.	1.6	21
40	Chromosomal Instability and Human T Cell Leukemia Virus 1 Transformation. <i>Translational Research in Biomedicine</i> , 2008, , 228-238.	0.4	1
41	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
42	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
43	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
44	Aneuploidy and cancer. <i>Journal of Cellular Biochemistry</i> , 2007, 102, 531-538.	1.2	57
45	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
46	Requirement of DDX3 DEAD Box RNA Helicase for HIV-1 Rev-RRE Export Function. <i>Cell</i> , 2004, 119, 381-392.	13.5	498
47	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
48	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
49	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
50	Structurally Homologous All $\beta$ -Barrel Proteins Adopt Different Mechanisms of Folding. <i>Biophysical Journal</i> , 2003, 85, 459-472.	0.2	15
51	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
52	Identification of Rare Partially Unfolded States in Equilibrium with the Native Conformation in an All $\beta$ -Barrel Protein. <i>Journal of Biological Chemistry</i> , 2002, 277, 34941-34948.	1.6	13
53	Characterization of the Structure and Dynamics of a Near-native Equilibrium Intermediate in the Unfolding Pathway of an All $\beta$ -Barrel Protein. <i>Journal of Biological Chemistry</i> , 2002, 277, 47507-47516.	1.6	17
54	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

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55	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
56	Thermodynamic Characterization of the Human Acidic Fibroblast Growth Factor: Evidence for Cold Denaturation. <i>Biochemistry</i> , 2001, 40, 7746-7753.	1.2	19
57	<sup>15</sup> N 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