

# Horng-Dar Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

9,721  
citations

201674

27  
h-index

155660

55  
g-index

55  
all docs

55  
docs citations

55  
times ranked

22323  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Multiple-stress analysis for isolation of <i>Drosophila</i> longevity genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 12610-12615.	7.1	183
4	<i>Escherichia coli</i> noncoding RNAs can affect gene expression and physiology of <i>Caenorhabditis elegans</i> . <i>Nature Communications</i> , 2012, 3, 1073.	12.8	126
5	High carbohydrate–low protein consumption maximizes <i>Drosophila</i> lifespan. <i>Experimental Gerontology</i> , 2013, 48, 1129-1135.	2.8	111
6	Regulation of RNA Polymerase I-Dependent Promoters by the Hepatitis B Virus X Protein via Activated Ras and TATA-Binding Protein. <i>Molecular and Cellular Biology</i> , 1998, 18, 7086-7094.	2.3	81
7	CD44 Promotes Migration and Invasion of Docetaxel-Resistant Prostate Cancer Cells Likely via Induction of Hippo-Yap Signaling. <i>Cells</i> , 2019, 8, 295.	4.1	68
8	Overexpression of Endothelin 1 Triggers Hepatocarcinogenesis in Zebrafish and Promotes Cell Proliferation and Migration through the AKT Pathway. <i>PLoS ONE</i> , 2014, 9, e85318.	2.5	64
9	Caffeic acid phenethyl ester induced cell cycle arrest and growth inhibition in androgen-independent prostate cancer cells via regulation of Skp2, p53, p21Cip1 and p27Kip1. <i>Oncotarget</i> , 2015, 6, 6684-6707.	1.8	64
10	MicroRNA-486-3p functions as a tumor suppressor in oral cancer by targeting DDR1. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 281.	8.6	61
11	Caffeic Acid Phenethyl Ester Suppresses Proliferation and Survival of TW2.6 Human Oral Cancer Cells via Inhibition of Akt Signaling. <i>International Journal of Molecular Sciences</i> , 2013, 14, 8801-8817.	4.1	57
12	The effect of neuronal expression of heat shock proteins 26 and 27 on lifespan, neurodegeneration, and apoptosis in <i>Drosophila</i> . <i>Biochemical and Biophysical Research Communications</i> , 2008, 376, 637-641.	2.1	54
13	Developmental gene regulatory networks in the zebrafish embryo. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2009, 1789, 279-298.	1.9	53
14	Diacylglycerol lipase regulates lifespan and oxidative stress response by inversely modulating TOR signaling in <i>Drosophila</i> and <i>C. elegans</i> . <i>Aging Cell</i> , 2014, 13, 755-764.	6.7	53
15	Identification of the common regulators for hepatocellular carcinoma induced by hepatitis B virus X antigen in a mouse model. <i>Carcinogenesis</i> , 2012, 33, 209-219.	2.8	51
16	Liver-Specific Expressions of HBx and src in the p53 Mutant Trigger Hepatocarcinogenesis in Zebrafish. <i>PLoS ONE</i> , 2013, 8, e76951.	2.5	51
17	HLH-30/TFEB-mediated autophagy functions in a cell-autonomous manner for epithelium intrinsic cellular defense against bacterial pore-forming toxin in <i>C. elegans</i> . <i>Autophagy</i> , 2017, 13, 371-385.	9.1	46
18	N-acetyl cysteine mitigates curcumin-mediated telomerase inhibition through rescuing of Sp1 reduction in A549 cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 688, 72-77.	1.0	43

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19	Transcriptional Regulation of the TATA-Binding Protein by Ras Cellular Signaling. <i>Molecular and Cellular Biology</i> , 2000, 20, 5000-5009.	2.3	40
20	Ribose-5-phosphate isomerase A regulates hepatocarcinogenesis via PP2A and ERK signaling. <i>International Journal of Cancer</i> , 2015, 137, 104-115.	5.1	39
21	Autophagy-related gene 7 is downstream of heat shock protein 27 in the regulation of eye morphology, polyglutamine toxicity, and lifespan in <i>Drosophila</i> . <i>Journal of Biomedical Science</i> , 2012, 19, 52.	7.0	37
22	Zebrafish WNK Lysine Deficient Protein Kinase 1 (wnk1) Affects Angiogenesis Associated with VEGF Signaling. <i>PLoS ONE</i> , 2014, 9, e106129.	2.5	36
23	Reduced expression of $\alpha$ 1,2-mannosidase I extends lifespan in <i>Drosophila melanogaster</i> and <i>Caenorhabditis elegans</i> . <i>Aging Cell</i> , 2009, 8, 370-379.	6.7	32
24	Osteopontin-integrin engagement induces HIF-1 $\beta$ -TCF12-mediated endothelial-mesenchymal transition to exacerbate colorectal cancer. <i>Oncotarget</i> , 2018, 9, 4998-5015.	1.8	32
25	Liver development and cancer formation in zebrafish. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2011, 93, 157-172.	3.6	30
26	PPL2ab neurons restore sexual responses in aged <i>Drosophila</i> males through dopamine. <i>Nature Communications</i> , 2015, 6, 7490.	12.8	29
27	BMP4 Is a Peripherally-Derived Factor for Motor Neurons and Attenuates Glutamate-Induced Excitotoxicity In Vitro. <i>PLoS ONE</i> , 2013, 8, e58441.	2.5	29
28	WNK1 Kinase Stimulates Angiogenesis to Promote Tumor Growth and Metastasis. <i>Cancers</i> , 2020, 12, 575.	3.7	28
29	Identification of a noncanonical function for ribose-5-phosphate isomerase A promotes colorectal cancer formation by stabilizing and activating $\beta$ -catenin via a novel C-terminal domain. <i>PLoS Biology</i> , 2018, 16, e2003714.	5.6	27
30	Reduced neuronal expression of ribose-5-phosphate isomerase enhances tolerance to oxidative stress, extends lifespan, and attenuates polyglutamine toxicity in <i>Drosophila</i> . <i>Aging Cell</i> , 2012, 11, 93-103.	6.7	26
31	YAP promotes myogenic differentiation via the MEK5-ERK5 pathway. <i>FASEB Journal</i> , 2017, 31, 2963-2972.	0.5	26
32	Ribose-5-phosphate isomerase A overexpression promotes liver cancer development in transgenic zebrafish via activation of ERK and $\beta$ -catenin pathways. <i>Carcinogenesis</i> , 2019, 40, 461-473.	2.8	25
33	Functional analysis of the evolutionarily conserved cis-regulatory elements on the sox17 gene in zebrafish. <i>Developmental Biology</i> , 2009, 326, 456-470.	2.0	24
34	Up-regulation of golgi $\beta$ -mannosidase IA and down-regulation of golgi $\beta$ -mannosidase IC activates unfolded protein response during hepatocarcinogenesis. <i>Hepatology Communications</i> , 2017, 1, 230-247.	4.3	24
35	Tequila Regulates Insulin-Like Signaling and Extends Life Span in <i>Drosophila melanogaster</i> . <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1461-1469.	3.6	23
36	Impaired Leukocytes Autophagy in Chronic Kidney Disease Patients. <i>CardioRenal Medicine</i> , 2013, 3, 254-264.	1.9	19

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37	C-Type Lectins Link Immunological and Reproductive Processes in <i>Aedes aegypti</i> . <i>IScience</i> , 2020, 23, 101486.	4.1	19
38	Activation of liver X receptor suppresses angiogenesis <i>via</i> induction of ApoD. <i>FASEB Journal</i> , 2017, 31, 5568-5576.	0.5	17
39	Extension of <i>C. elegans</i> lifespan using the $\hat{A}$ -NO-delivery dinitrosyl iron complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 775-784.	2.6	17
40	Machine Learning in Prediction of Bladder Cancer on Clinical Laboratory Data. <i>Diagnostics</i> , 2022, 12, 203.	2.6	16
41	A Novel AURKA Mutant-Induced Early-Onset Severe Hepatocarcinogenesis Greater than Wild-Type <i>via</i> Activating Different Pathways in Zebrafish. <i>Cancers</i> , 2019, 11, 927.	3.7	15
42	Vesicular transport mediates the uptake of cytoplasmic proteins into mitochondria in <i>Drosophila melanogaster</i> . <i>Nature Communications</i> , 2020, 11, 2592.	12.8	15
43	Difference in Protein Expression Profile and Chemotherapy Drugs Response of Different Progression Stages of LNCaP Sublines and Other Human Prostate Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e82625.	2.5	14
44	Loss of <i>Fis1</i> impairs proteostasis during skeletal muscle aging in <i>Drosophila</i> . <i>Aging Cell</i> , 2021, 20, e13379.	6.7	12
45	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.	2.1	11
46	Reduced Gut Acidity Induces an Obese-Like Phenotype in <i>Drosophila melanogaster</i> and in Mice. <i>PLoS ONE</i> , 2015, 10, e0139722.	2.5	11
47	A Hormone Receptor-Based Transactivator Bridges Different Binary Systems to Precisely Control Spatial-Temporal Gene Expression in <i>Drosophila</i> . <i>PLoS ONE</i> , 2012, 7, e50855.	2.5	9
48	Identification of Two Novel Small Compounds that Inhibit Liver Cancer Formation in Zebrafish and Analysis of Their Conjugation to Nanodiamonds to Further Reduce Toxicity. <i>Advanced Therapeutics</i> , 2019, 2, 1900105.	3.2	8
49	Lifespan regulation in $\hat{I}^{\pm/\hat{I}^2}$ posterior neurons of the fly mushroom bodies by Rab27. <i>Aging Cell</i> , 2020, 19, e13179.	6.7	8
50	l-Carnitine ameliorates congenital myopathy in a tropomyosin 3 de novo mutation transgenic zebrafish. <i>Journal of Biomedical Science</i> , 2021, 28, 8.	7.0	8
51	ID4 predicts poor prognosis and promotes BDNF-mediated oncogenesis of colorectal cancer. <i>Carcinogenesis</i> , 2021, 42, 951-960.	2.8	8
52	Transcriptional suppression of Dicer by HOXB $\hat{A}$ -CAS3/EZH2 complex dictates sorafenib resistance and cancer stemness. <i>Cancer Science</i> , 2022, 113, 1601-1612.	3.9	8
53	Complexity of cis-regulatory organization of six3a during forebrain and eye development in zebrafish. <i>BMC Developmental Biology</i> , 2010, 10, 35.	2.1	6
54	Suppression of Ribose-5-Phosphate Isomerase <i>a</i> Induces ROS to Activate Autophagy, Apoptosis, and Cellular Senescence in Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7883.	4.1	3