

# Yinhua Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

3,196  
citations

394286

19  
h-index

526166

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

4291  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and implementation of a simple and rapid extraction-free saliva SARS-CoV-2 RT-LAMP workflow for workplace surveillance. <i>PLoS ONE</i> , 2022, 17, e0268692.	1.1	11
2	Development of multiplexed reverse-transcription loop-mediated isothermal amplification for detection of SARS-CoV-2 and influenza viral RNA. <i>BioTechniques</i> , 2021, 70, 167-174.	0.8	31
3	Enhancing colorimetric loop-mediated isothermal amplification speed and sensitivity with guanidine chloride. <i>BioTechniques</i> , 2020, 69, 178-185.	0.8	160
4	Isothermal Amplification of Long, Discrete DNA Fragments Facilitated by Single-Stranded Binding Protein. <i>Scientific Reports</i> , 2017, 7, 8497.	1.6	19
5	Colorimetric tests for diagnosis of filarial infection and vector surveillance using non-instrumented nucleic acid loop-mediated isothermal amplification (NINA-LAMP). <i>PLoS ONE</i> , 2017, 12, e0169011.	1.1	73
6	Visual detection of isothermal nucleic acid amplification using pH-sensitive dyes. <i>BioTechniques</i> , 2015, 58, 59-68.	0.8	458
7	Efficient DNA ligation in DNA-RNA hybrid helices by <i>Chlorella</i> virus DNA ligase. <i>Nucleic Acids Research</i> , 2014, 42, 1831-1844.	6.5	80
8	Diagnosis of Brugian Filariasis by Loop-Mediated Isothermal Amplification. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1948.	1.3	49
9	Simultaneous multiple target detection in real-time loop-mediated isothermal amplification. <i>BioTechniques</i> , 2012, 53, 81-89.	0.8	203
10	<i>Caenorhabditis elegans</i> Galectins LEC-6 and LEC-10 Interact with Similar Glycoconjugates in the Intestine. <i>Journal of Biological Chemistry</i> , 2011, 286, 4371-4381.	1.6	33
11	Mutations in <i>Caenorhabditis elegans</i> eIF2 <sup>1</sup> Permit Translation Initiation From Non-AUG Start Codons. <i>Genetics</i> , 2010, 185, 141-152.	1.2	3
12	The Role of eIF1 in Translation Initiation Codon Selection in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2010, 186, 1187-1196.	1.2	5
13	Regulation of endosomal clathrin and retromer-mediated endosome to Golgi retrograde transport by the J-domain protein RME-8. <i>EMBO Journal</i> , 2009, 28, 3290-3302.	3.5	137
14	Draft Genome of the Filarial Nematode Parasite <i>Brugia malayi</i> . <i>Science</i> , 2007, 317, 1756-1760.	6.0	571
15	Mining Predicted Essential Genes of <i>Brugia malayi</i> for Nematode Drug Targets. <i>PLoS ONE</i> , 2007, 2, e1189.	1.1	85
16	Molecular and biochemical characterization of nematode cofactor independent phosphoglycerate mutases. <i>Molecular and Biochemical Parasitology</i> , 2007, 156, 210-216.	0.5	19
17	Cofactor-independent phosphoglycerate mutase is an essential gene in procyclic form <i>Trypanosoma brucei</i> . <i>Parasitology Research</i> , 2007, 100, 887-892.	0.6	11
18	Parasitic nematodes have two distinct chitin synthases. <i>Molecular and Biochemical Parasitology</i> , 2005, 142, 126-132.	0.5	23

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19	Mining nematode genome data for novel drug targets. Trends in Parasitology, 2005, 21, 101-104.	1.5	26
20	The chitin synthase genes chs-1 and chs-2 are essential for <i>C. elegans</i> development and responsible for chitin deposition in the eggshell and pharynx, respectively. Developmental Biology, 2005, 285, 330-339.	0.9	135
21	Cofactor-independent Phosphoglycerate Mutase Has an Essential Role in <i>Caenorhabditis elegans</i> and Is Conserved in Parasitic Nematodes. Journal of Biological Chemistry, 2004, 279, 37185-37190.	1.6	38
22	<i>Caenorhabditis elegans</i> auxilin: a J-domain protein essential for clathrin-mediated endocytosis in vivo. Nature Cell Biology, 2001, 3, 215-219.	4.6	91
23	Evidence that RME-1, a conserved <i>C. elegans</i> EH-domain protein, functions in endocytic recycling. Nature Cell Biology, 2001, 3, 573-579.	4.6	248
24	RME-8, a Conserved J-Domain Protein, Is Required for Endocytosis in <i>Caenorhabditis elegans</i> . Molecular Biology of the Cell, 2001, 12, 2011-2021.	0.9	151
25	Patterning of <i>Caenorhabditis elegans</i> Posterior Structures by the Abdominal-B Homolog, egl-5. Developmental Biology, 1999, 207, 215-228.	0.9	89
26	Regulated nuclear entry of the <i>C. elegans</i> Pax-6 transcription factor. Mechanisms of Development, 1998, 78, 179-187.	1.7	12
27	Specification of sense-organ identity by a <i>Caenorhabditis elegans</i> Pax-6 homologue. Nature, 1995, 377, 55-59.	13.7	146