

Wei-jun Yang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4593809/wei-jun-yang-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82
papers

1,929
citations

26
h-index

40
g-index

82
ext. papers

2,162
ext. citations

3.7
avg, IF

4.23
L-index

#	Paper	IF	Citations
82	Molecular Characterization of a cDNA Encoding Vitellogenin and Its Expression in the Hepatopancreas and Ovary during Vitellogenesis in the Kuruma Prawn, <i>Penaeus japonicus</i> . <i>Zoological Science</i> , 2000 , 17, 651-60	0.8	146
81	Deduced primary structure of vitellogenin in the giant freshwater prawn, <i>Macrobrachium rosenbergii</i> , and yolk processing during ovarian maturation. <i>The Journal of Experimental Zoology</i> , 2002 , 292, 417-29		88
80	Characteristics and primary structure of a galectin in the skin mucus of the Japanese eel, <i>Anguilla japonica</i> . <i>Developmental and Comparative Immunology</i> , 2004 , 28, 325-35	3.2	85
79	Amino acid sequences and activities of multiple hyperglycemic hormones from the Kuruma prawn, <i>Penaeus japonicus</i> . <i>Peptides</i> , 1997 , 18, 479-85	3.8	79
78	Determination of amino acid sequence and site of mRNA expression of four vitellins in the giant freshwater prawn, <i>Macrobrachium rosenbergii</i> . <i>The Journal of Experimental Zoology</i> , 2000 , 287, 413-22		69
77	Molecular cloning and expression of two HSP70 genes in the prawn, <i>Macrobrachium rosenbergii</i> . <i>Cell Stress and Chaperones</i> , 2004 , 9, 313-23	4	67
76	Amino acid sequences of a hyperglycaemic hormone and its related peptides from the Kuruma prawn, <i>Penaeus japonicus</i> . <i>Aquaculture</i> , 1995 , 135, 205-212	4.4	62
75	Molecular characterization and expression analysis of vitellogenin in the marine crab <i>Portunus trituberculatus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2005 , 142, 456-64	2.3	58
74	Changes in free amino acids in the hemolymph of giant freshwater prawn <i>Macrobrachium rosenbergii</i> exposed to varying salinities: relationship to osmoregulatory ability. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2001 , 128, 317-26	2.6	55
73	Isolation and amino acid sequence of a molt-inhibiting hormone from the American crayfish, <i>Procambarus clarkii</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 1996 , 60, 554-6	2.1	44
72	Dynamics of vitellogenin mRNA expression and changes in hemolymph vitellogenin levels during ovarian maturation in the giant freshwater prawn <i>Macrobrachium rosenbergii</i> . <i>The Journal of Experimental Zoology</i> , 2002 , 293, 675-82		40
71	Characterization of Na/K-ATPase in <i>Macrobrachium rosenbergii</i> and the effects of changing salinity on enzymatic activity. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2000 , 125, 377-88	2.6	38
70	Characterization of chromatophoretropic neuropeptides from the kuruma prawn <i>Penaeus japonicus</i> . <i>General and Comparative Endocrinology</i> , 1999 , 114, 415-24	3	38
69	Chitin-binding proteins of <i>Artemia</i> diapause cysts participate in formation of the embryonic cuticle layer of cyst shells. <i>Biochemical Journal</i> , 2013 , 449, 285-94	3.8	37
68	Formation of diapause cyst shell in brine shrimp, <i>Artemia parthenogenetica</i> , and its resistance role in environmental stresses. <i>Journal of Biological Chemistry</i> , 2009 , 284, 16931-16938	5.4	37
67	Molecular characterization of a cDNA encoding vitellogenin in the coonstriped shrimp, <i>Pandalus hypsinotus</i> and site of vitellogenin mRNA expression. <i>The Journal of Experimental Zoology</i> , 2004 , 301, 802-14		37
66	When did decapods invade hydrothermal vents? Clues from the Western Pacific and Indian Oceans. <i>Molecular Biology and Evolution</i> , 2013 , 30, 305-9	8.3	35

65	Identification of two distinct molt-inhibiting hormone-related peptides from the giant tiger prawn <i>Penaeus monodon</i> . <i>Marine Biotechnology</i> , 2002 , 4, 132-40	3.4	34
64	Molecular Cloning and Sexually Dimorphic Expression of Two Dmrt Genes in the Giant Freshwater Prawn, <i>Macrobrachium rosenbergii</i> . <i>Agricultural Research</i> , 2014 , 3, 181-191	1.4	31
63	Thermotolerance and molecular chaperone function of the small heat shock protein HSP20 from hyperthermophilic archaeon, <i>Sulfolobus solfataricus</i> P2. <i>Cell Stress and Chaperones</i> , 2012 , 17, 103-8	4	31
62	Expression profiles of miRNAs and involvement of miR-100 and miR-34 in regulation of cell cycle arrest in <i>Artemia</i> . <i>Biochemical Journal</i> , 2015 , 470, 223-31	3.8	31
61	Cloning of precursors for two MIH/VIH-related peptides in the prawn, <i>Macrobrachium rosenbergii</i> . <i>Biochemical and Biophysical Research Communications</i> , 2001 , 289, 407-13	3.4	31
60	The Transcription Factor p8 Regulates Autophagy in Response to Palmitic Acid Stress via a Mammalian Target of Rapamycin (mTOR)-independent Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2016 , 291, 4462-72	5.4	30
59	Involvement of p90 ribosomal S6 kinase in termination of cell cycle arrest during development of <i>Artemia</i> -encysted embryos. <i>Journal of Biological Chemistry</i> , 2008 , 283, 1705-1712	5.4	30
58	SETD4 Regulates Cell Quiescence and Catalyzes the Trimethylation of H4K20 during Diapause Formation in <i>Artemia</i> . <i>Molecular and Cellular Biology</i> , 2017 , 37,	4.8	29
57	Molecular cloning and characterization of FGLamide allatostatin gene from the prawn, <i>Macrobrachium rosenbergii</i> . <i>Peptides</i> , 2006 , 27, 1241-50	3.8	26
56	Extracellular matrix peptides of <i>Artemia</i> cyst shell participate in protecting encysted embryos from extreme environments. <i>PLoS ONE</i> , 2011 , 6, e20187	3.7	26
55	A male reproduction-related Kazal-type peptidase inhibitor gene in the prawn, <i>Macrobrachium rosenbergii</i> : molecular characterization and expression patterns. <i>Marine Biotechnology</i> , 2007 , 9, 45-55	3.4	25
54	Involvement of polo-like kinase 1 (Plk1) in mitotic arrest by inhibition of mitogen-activated protein kinase-extracellular signal-regulated kinase-ribosomal S6 kinase 1 (MEK-ERK-RSK1) cascade. <i>Journal of Biological Chemistry</i> , 2012 , 287, 15923-34	5.4	24
53	Molecular cloning of Clock cDNA from the prawn, <i>Macrobrachium rosenbergii</i> . <i>Brain Research</i> , 2006 , 1067, 13-24	3.7	24
52	The complete mitogenome of the hydrothermal vent crab <i>Gandalfus yunohana</i> (Crustacea: Decapoda: Brachyura): a link between the Bythograeoidea and Xanthoidea. <i>Zoologica Scripta</i> , 2010 , 39, 621-630	2.5	23
51	MicroRNA expression profiling in exosomes derived from gastric cancer stem-like cells. <i>Oncotarget</i> , 2017 , 8, 93839-93855	3.3	22
50	Inhibition mechanism and the effects of structure on activity of male reproduction-related peptidase inhibitor Kazal-type (MRPINK) of <i>Macrobrachium rosenbergii</i> . <i>Marine Biotechnology</i> , 2009 , 11, 252-9	3.4	21
49	AMPK alpha subunit gene characterization in <i>Artemia</i> and expression during development and in response to stress. <i>Stress</i> , 2007 , 10, 53-63	3	21
48	SET Domain-Containing Protein 4 Epigenetically Controls Breast Cancer Stem Cell Quiescence. <i>Cancer Research</i> , 2019 , 79, 4729-4743	10.1	20

47	Characterization and processing of superoxide dismutase-fused vitellogenin in the diapause embryo formation: a special developmental pathway in the brine shrimp, <i>Artemia parthenogenetica</i> . <i>Biology of Reproduction</i> , 2011 , 85, 31-41	3.9	20
46	Inhibition of a novel sperm gelatinase in prawn sperm by the male reproduction-related Kazal-type peptidase inhibitor. <i>Molecular Reproduction and Development</i> , 2008 , 75, 1327-37	2.6	20
45	Prawn lipocalin: characteristics and expressional pattern in subepidermal adipose tissue during reproductive molting cycle. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007 , 147, 222-9	2.3	19
44	Molecular characterization and functional analyses of a diapause hormone receptor-like gene in parthenogenetic <i>Artemia</i> . <i>Peptides</i> , 2017 , 90, 100-110	3.8	17
43	Involvement of cyclin K posttranscriptional regulation in the formation of <i>Artemia</i> diapause cysts. <i>PLoS ONE</i> , 2012 , 7, e32129	3.7	17
42	Acetylation of Chromatin-Associated Histone H3 Lysine 56 Inhibits the Development of Encysted <i>Artemia</i> Embryos. <i>PLoS ONE</i> , 2013 , 8, e68374	3.7	17
41	A Novel Neuropeptide with Molt-inhibiting Activity from the Sinus Gland of the Crayfish, <i>Procambarus clarkii</i> . <i>Zoological Science</i> , 1996 , 13, 295-298	0.8	17
40	Determination in oocytes of the reproductive modes for the brine shrimp <i>Artemia parthenogenetica</i> . <i>Bioscience Reports</i> , 2011 , 31, 17-30	4.1	16
39	Actin gene in prawn, <i>Macrobrachium rosenbergii</i> : characteristics and differential tissue expression during embryonic development. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2005 , 140, 599-605	2.3	16
38	Identification of a novel male reproduction-related gene and its regulated expression patterns in the prawn, <i>Macrobrachium rosenbergii</i> . <i>Peptides</i> , 2006 , 27, 728-35	3.8	16
37	Activation of an AMP-activated protein kinase is involved in post-diapause development of <i>Artemia franciscana</i> encysted embryos. <i>BMC Developmental Biology</i> , 2009 , 9, 21	3.1	15
36	An La-related protein controls cell cycle arrest by nuclear retrograde transport of tRNAs during diapause formation in <i>Artemia</i> . <i>BMC Biology</i> , 2016 , 14, 16	7.3	14
35	MTH1745, a protein disulfide isomerase-like protein from thermophilic archaea, <i>Methanothermobacter thermoautotrophicum</i> involving in stress response. <i>Cell Stress and Chaperones</i> , 2008 , 13, 239-46	4	13
34	PCR-suppression effect: kinetic analysis and application to representative or long-molecule biased PCR-based amplification of complex samples. <i>Journal of Biotechnology</i> , 2007 , 128, 435-43	3.7	13
33	Response of metallothionein gene-1 to laboratory exposure to heavy metals and thermal stress in the freshwater prawn <i>Macrobrachium rosenbergii</i> . <i>Journal of Hazardous Materials</i> , 2009 , 167, 523-30	12.8	12
32	Ouabain-sensitive Na/K-ATPase activity increases during embryogenesis in the giant freshwater prawn <i>Macrobrachium rosenbergii</i> . <i>Fisheries Science</i> , 2001 , 67, 182-184	1.9	12
31	Two p90 ribosomal S6 kinase isoforms are involved in the regulation of mitotic and meiotic arrest in <i>Artemia</i> . <i>Journal of Biological Chemistry</i> , 2014 , 289, 16006-15	5.4	11
30	Regulation of trehalase expression inhibits apoptosis in diapause cysts of <i>Artemia</i> . <i>Biochemical Journal</i> , 2013 , 456, 185-94	3.8	11

29	Prawn lipocalin: characterization of a color shift induced by gene knockdown and ligand binding assay. <i>Journal of Experimental Zoology</i> , 2011 , 315, 562-71		11
28	A novel terminal ampullae peptide is involved in the proteolytic activity of sperm in the prawn, <i>Macrobrachium rosenbergii</i> . <i>Reproduction</i> , 2010 , 140, 235-45	3.8	11
27	CHH family peptides from an eyeless deep-sea hydrothermal vent shrimp, <i>Rimicaris kairei</i> : characterization and sequence analysis. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2009 , 154, 37-47	2.3	10
26	Involvement of AMP-activated Protein Kinase (AMPK) in Regulation of Cell Membrane Potential in a Gastric Cancer Cell Line. <i>Scientific Reports</i> , 2018 , 8, 6028	4.9	9
25	Deubiquitinating enzyme BAP1 is involved in the formation and maintenance of the diapause embryos of <i>Artemia</i> . <i>Cell Stress and Chaperones</i> , 2012 , 17, 577-87	4	9
24	Full-length normalization subtractive hybridization: a novel method for generating differentially expressed cDNAs. <i>Molecular Biotechnology</i> , 2009 , 43, 257-63	3	9
23	Involvement of Polo-like kinase 1 (Plk1) in quiescence regulation of cancer stem-like cells of the gastric cancer cell lines. <i>Oncotarget</i> , 2017 , 8, 37633-37645	3.3	9
22	Two Kazal-type protease inhibitors from <i>Macrobrachium nipponense</i> and <i>Eriocheir sinensis</i> : comparative analysis of structure and activities. <i>Fish and Shellfish Immunology</i> , 2012 , 32, 446-58	4.3	8
21	Isolation and characterization of a new strain of <i>Methanothermobacter marburgensis</i> DX01 from hot springs in China. <i>Anaerobe</i> , 2010 , 16, 54-9	2.8	8
20	The complete mitochondrial genome sequence of the hydrothermal vent galatheid crab <i>Shinkaia crosnieri</i> (Crustacea: Decapoda: Anomura): A novel arrangement and incomplete tRNA suite. <i>BMC Genomics</i> , 2008 , 9, 504	4.5	8
19	Identification and characterization of a Masculinizer (Masc) gene involved in sex differentiation in <i>Artemia</i> . <i>Gene</i> , 2017 , 614, 56-64	3.8	7
18	The translational and transcriptional initiation sites of BmNPV lef-7 gene. <i>Virus Genes</i> , 2006 , 33, 351-7	2.3	7
17	Identification and characterization of a symbiotic agglutination-related C-type lectin from the hydrothermal vent shrimp <i>Rimicaris exoculata</i> . <i>Fish and Shellfish Immunology</i> , 2019 , 92, 1-10	4.3	6
16	The transcription factor p8 regulates autophagy during diapause embryo formation in <i>Artemia parthenogenetica</i> . <i>Cell Stress and Chaperones</i> , 2016 , 21, 665-75	4	6
15	Identification and characterization of a Ste20-like kinase in <i>Artemia</i> and its role in the developmental regulation and resistance to environmental stress. <i>PLoS ONE</i> , 2014 , 9, e92234	3.7	5
14	Characterization of PHB1 and its role in mitochondrial maturation and yolk platelet degradation during development of <i>Artemia</i> embryos. <i>PLoS ONE</i> , 2014 , 9, e109152	3.7	5
13	Naturally occurring antisense RNA of allatostatin gene in the prawn, <i>Macrobrachium rosenbergii</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007 , 146, 20-5	2.3	5
12	The DNA methyltransferase-2 gene in the prawn <i>Macrobrachium rosenbergii</i> : characteristics and expression patterns during ovarian and embryonic development. <i>Zoological Science</i> , 2007 , 24, 1059-65	0.8	4

11	Identification of a novel DNA methyltransferase 2 from the brine shrimp, <i>Artemia franciscana</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007 , 147, 191-8	2-3	4
10	The chloride channel cystic fibrosis transmembrane conductance regulator (CFTR) controls cellular quiescence by hyperpolarizing the cell membrane during diapause in the crustacean. <i>Journal of Biological Chemistry</i> , 2019 , 294, 6598-6611	5-4	4
9	Setd4 controlled quiescent c-Kit cells contribute to cardiac neovascularization of capillaries beyond activation. <i>Scientific Reports</i> , 2021 , 11, 11603	4-9	3
8	DEK terminates diapause by activation of quiescent cells in the crustacean. <i>Biochemical Journal</i> , 2019 , 476, 1753-1769	3-8	2
7	The RNA-editing deaminase ADAR is involved in stress resistance of <i>Artemia</i> diapause embryos. <i>Stress</i> , 2016 , 19, 609-620	3	2
6	An H-ferritin from the hydrothermal vent shrimp <i>Rimicaris exoculata</i> and its potential role in iron metabolism. <i>BioMetals</i> , 2019 , 32, 251-264	3-4	2
5	Vitellogenin of the kuruma prawn: the deduced primary structure and gene expression. <i>Fisheries Science</i> , 2002 , 68, 973-974	1-9	1
4	<i>Caenorhabditis elegans</i> homologue of Fam210 is required for oogenesis and reproduction. <i>Journal of Genetics and Genomics</i> , 2020 , 47, 694-704	4	1
3	SETD4-expressing cells contribute to pancreatic development and response to cerulein induced pancreatitis injury. <i>Scientific Reports</i> , 2021 , 11, 12614	4-9	1
2	Determination of amino acid sequence and site of mRNA expression of four vitellins in the giant freshwater prawn, <i>Macrobrachium rosenbergii</i> 2000 , 287, 413		1
1	Exosomal DEK removes chemoradiotherapy resistance by triggering quiescence exit of breast cancer stem cells.. <i>Oncogene</i> , 2022 ,	9-2	1