

Wei-jun Yang

List of Publications by Year in descending order

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82
papers

2,379
citations

185998

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233125

45
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82
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82
docs citations

82
times ranked

1817
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 651-660.	0.3	160
2	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, 417-429.	1.4	113
3	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, 325-335.	1.0	91
4	Amino Acid Sequences and Activities of Multiple Hyperglycemic Hormones From the Kuruma Prawn, <i>Penaeus japonicus</i> . <i>Peptides</i> , 1997, 18, 479-485.	1.2	88
5	Molecular cloning and expression of two HSP70 genes in the prawn, <i>Macrobrachium rosenbergii</i> . <i>Cell Stress and Chaperones</i> , 2004, 9, 313.	1.2	82
6	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, 413-422.	1.4	79
7	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, 456-464.	0.7	69
8	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.	1.7	66
9	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, 317-326.	0.8	66
10	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, 103-108.	1.2	55
11	Characterization of Chromatophoretropic Neuropeptides from the Kuruma Prawn <i>Penaeus japonicus</i> . <i>General and Comparative Endocrinology</i> , 1999, 114, 415-424.	0.8	54
12	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, 554-556.	0.6	50
13	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, 301A, 802-814.	1.4	49
14	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, .	1.1	49
15	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, 377-388.	0.8	47
16	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, 675-682.	1.4	46
17	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.	1.6	46
18	When Did Decapods Invade Hydrothermal Vents? Clues from the Western Pacific and Indian Oceans. <i>Molecular Biology and Evolution</i> , 2012, 30, 305-309.	3.5	45

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19	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, 285-294.	1.7	45
20	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.	0.9	43
21	SET Domain-Containing Protein 4 Epigenetically Controls Breast Cancer Stem Cell Quiescence. <i>Cancer Research</i> , 2019, 79, 4729-4743.	0.4	41
22	Expression profiles of miRNAs and involvement of <i>miR-100</i> and <i>miR-34</i> in regulation of cell cycle arrest in <i>Artemia</i> . <i>Biochemical Journal</i> , 2015, 470, 223-231.	1.7	40
23	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, 4462-4472.	1.6	37
24	Identification of Two Distinct Molt-Inhibiting Hormone-Related Peptides from the Giant Tiger Prawn <i>Penaeus monodon</i> . <i>Marine Biotechnology</i> , 2002, 4, 132-140.	1.1	36
25	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, 407-413.	1.0	34
26	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.	1.6	33
27	Extracellular Matrix Peptides of <i>Artemia</i> Cyst Shell Participate in Protecting Encysted Embryos from Extreme Environments. <i>PLoS ONE</i> , 2011, 6, e20187.	1.1	32
28	Molecular cloning and characterization of FGLamide allatostatin gene from the prawn, <i>Macrobrachium rosenbergii</i> . <i>Peptides</i> , 2006, 27, 1241-1250.	1.2	30
29	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.	1.1	29
30	MicroRNA expression profiling in exosomes derived from gastric cancer stem-like cells. <i>Oncotarget</i> , 2017, 8, 93839-93855.	0.8	29
31	The complete mitogenome of the hydrothermal vent crab <i>Gandalfus yunohana</i> (Crustacea: Decapoda: Tj ETQq1 1 0.784314 rgBT /Ov 0.7 28	0.7	28
32	Molecular cloning of Clock cDNA from the prawn, <i>Macrobrachium rosenbergii</i> . <i>Brain Research</i> , 2006, 1067, 13-24.	1.1	27
33	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, 15923-15934.	1.6	26
34	Molecular characterization and functional analyses of a diapause hormone receptor-like gene in parthenogenetic <i>Artemia</i> . <i>Peptides</i> , 2017, 90, 100-110.	1.2	26
35	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.	0.8	25
36	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> 1. <i>Biology of Reproduction</i> , 2011, 85, 31-41.	1.2	24

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37	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, 1327-1337.	1.0	23
38	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, 252-259.	1.1	23
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.	0.7	22
40	Acetylation of Chromatin-Associated Histone H3 Lysine 56 Inhibits the Development of Encysted <i>Artemia</i> Embryos. <i>PLoS ONE</i> , 2013, 8, e68374.	1.1	20
41	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, 222-229.	0.7	19
42	Determination in oocytes of the reproductive modes for the brine shrimp <i>Artemia parthenogenetica</i> . <i>Bioscience Reports</i> , 2011, 31, 17-30.	1.1	18
43	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.	0.3	17
44	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, 728-735.	1.2	17
45	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, 235-245.	1.1	17
46	Involvement of Cyclin K Posttranscriptional Regulation in the Formation of <i>Artemia</i> Diapause Cysts. <i>PLoS ONE</i> , 2012, 7, e32129.	1.1	17
47	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.	1.7	17
48	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.	0.7	15
49	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, 435-443.	1.9	15
50	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.	2.1	15
51	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, 523-530.	6.5	15
52	Prawn lipocalin: characterization of a color shift induced by gene knockdown and ligand binding assay. <i>Journal of Experimental Zoology</i> , 2011, 315A, 562-571.	1.2	15
53	Regulation of trehalase expression inhibits apoptosis in diapause cysts of <i>Artemia</i> . <i>Biochemical Journal</i> , 2013, 456, 185-194.	1.7	15
54	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, 16006-16015.	1.6	15

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55	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, 239-246.	1.2	14
56	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.	1.6	14
57	Full-Length Normalization Subtractive Hybridization: A Novel Method for Generating Differentially Expressed cDNAs. <i>Molecular Biotechnology</i> , 2009, 43, 257-263.	1.3	12
58	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.	0.7	12
59	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, 446-458.	1.6	12
60	Identification and characterization of a Masculinizer (Masc) gene involved in sex differentiation in <i>Artemia</i> . <i>Gene</i> , 2017, 614, 56-64.	1.0	12
61	Setd4 controlled quiescent c-Kit+ cells contribute to cardiac neovascularization of capillaries beyond activation. <i>Scientific Reports</i> , 2021, 11, 11603.	1.6	12
62	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.	0.8	11
63	Isolation and characterization of a new strain of <i>Methanothermobacter marburgensis</i> DX01 from hot springs in China. <i>Anaerobe</i> , 2010, 16, 54-59.	1.0	10
64	The chloride channel cystic fibrosis transmembrane conductance regulator (CFTR) controls cellular quiescence by hyperpolarizing the cell membrane during diapause in the crustacean <i>Artemia</i> . <i>Journal of Biological Chemistry</i> , 2019, 294, 6598-6611.	1.6	10
65	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.	1.2	9
66	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, 577-587.	1.2	9
67	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.	1.6	9
68	The transcription factor p8 regulates autophagy during diapause embryo formation in <i>Artemia parthenogenetica</i> . <i>Cell Stress and Chaperones</i> , 2016, 21, 665-675.	1.2	8
69	<i>Caenorhabditis elegans</i> homologue of Fam210 is required for oogenesis and reproduction. <i>Journal of Genetics and Genomics</i> , 2020, 47, 694-704.	1.7	8
70	SETD4-expressing cells contribute to pancreatic development and response to cerulein induced pancreatitis injury. <i>Scientific Reports</i> , 2021, 11, 12614.	1.6	8
71	Exosomal DEK removes chemoradiotherapy resistance by triggering quiescence exit of breast cancer stem cells. <i>Oncogene</i> , 2022, 41, 2624-2637.	2.6	8
72	DNA-binding property of recombinant capsid protein of Japanese encephalitis virus. <i>Virus Genes</i> , 2007, 35, 483-488.	0.7	7

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73	Identification and Characterization of a Ste20-Like Kinase in Artemia and Its Role in the Developmental Regulation and Resistance to Environmental Stress. PLoS ONE, 2014, 9, e92234.	1.1	7
74	Naturally occurring antisense RNA of allatostatin gene in the prawn, Macrobrachium rosenbergii. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2007, 146, 20-25.	0.7	6
75	DEK terminates diapause by activation of quiescent cells in the crustacean <i>Artemia</i> . Biochemical Journal, 2019, 476, 1753-1769.	1.7	6
76	Characterization of PHB1 and Its Role in Mitochondrial Maturation and Yolk Platelet Degradation during Development of Artemia Embryos. PLoS ONE, 2014, 9, e109152.	1.1	5
77	Identification of a novel DNA methyltransferase 2 from the brine shrimp, Artemia franciscana. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2007, 147, 191-198.	0.7	4
78	The DNA Methyltransferase-2 Gene in the Prawn Macrobrachium rosenbergii: Characteristics and Expression Patterns During Ovarian and Embryonic Development. Zoological Science, 2007, 24, 1059-1065.	0.3	4
79	An H-ferritin from the hydrothermal vent shrimp Rimicaris exoculata and its potential role in iron metabolism. BioMetals, 2019, 32, 251-264.	1.8	3
80	The RNA-editing deaminase ADAR is involved in stress resistance of Artemia diapause embryos. Stress, 2016, 19, 609-620.	0.8	2
81	Vitellogenin of the kuruma prawn: the deduced primary structure and gene expression. Fisheries Science, 2002, 68, 973-974.	0.7	1
82	Determination of amino acid sequence and site of mRNA expression of four vitellins in the giant freshwater prawn, Macrobrachium rosenbergii. , 2000, 287, 413.		1