

# Wei-jun Yang

## List of Publications by Year in Descending Order

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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	Exosomal DEK removes chemoradiotherapy resistance by triggering quiescence exit of breast cancer stem cells. <i>Oncogene</i> , <b>2022</b> ,	9.2	1
81	Setd4 controlled quiescent c-Kit cells contribute to cardiac neovascularization of capillaries beyond activation. <i>Scientific Reports</i> , <b>2021</b> , 11, 11603	4.9	3
80	SETD4-expressing cells contribute to pancreatic development and response to cerulein induced pancreatitis injury. <i>Scientific Reports</i> , <b>2021</b> , 11, 12614	4.9	1
79	Caenorhabditis elegans homologue of Fam210 is required for oogenesis and reproduction. <i>Journal of Genetics and Genomics</i> , <b>2020</b> , 47, 694-704	4	1
78	Identification and characterization of a symbiotic agglutination-related C-type lectin from the hydrothermal vent shrimp Rimicaris exoculata. <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 92, 1-10	4.3	6
77	DEK terminates diapause by activation of quiescent cells in the crustacean. <i>Biochemical Journal</i> , <b>2019</b> , 476, 1753-1769	3.8	2
76	SET Domain-Containing Protein 4 Epigenetically Controls Breast Cancer Stem Cell Quiescence. <i>Cancer Research</i> , <b>2019</b> , 79, 4729-4743	10.1	20
75	An H-ferritin from the hydrothermal vent shrimp Rimicaris exoculata and its potential role in iron metabolism. <i>BioMetals</i> , <b>2019</b> , 32, 251-264	3.4	2
74	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> , <b>2019</b> , 294, 6598-6611	5.4	4
73	Involvement of AMP-activated Protein Kinase (AMPK) in Regulation of Cell Membrane Potential in a Gastric Cancer Cell Line. <i>Scientific Reports</i> , <b>2018</b> , 8, 6028	4.9	9
72	SETD4 Regulates Cell Quiescence and Catalyzes the Trimethylation of H4K20 during Diapause Formation in Artemia. <i>Molecular and Cellular Biology</i> , <b>2017</b> , 37,	4.8	29
71	Molecular characterization and functional analyses of a diapause hormone receptor-like gene in parthenogenetic Artemia. <i>Peptides</i> , <b>2017</b> , 90, 100-110	3.8	17
70	Identification and characterization of a Masculinizer (Masc) gene involved in sex differentiation in Artemia. <i>Gene</i> , <b>2017</b> , 614, 56-64	3.8	7
69	Involvement of Polo-like kinase 1 (Plk1) in quiescence regulation of cancer stem-like cells of the gastric cancer cell lines. <i>Oncotarget</i> , <b>2017</b> , 8, 37633-37645	3.3	9
68	MicroRNA expression profiling in exosomes derived from gastric cancer stem-like cells. <i>Oncotarget</i> , <b>2017</b> , 8, 93839-93855	3.3	22
67	The transcription factor p8 regulates autophagy during diapause embryo formation in Artemia parthenogenetica. <i>Cell Stress and Chaperones</i> , <b>2016</b> , 21, 665-75	4	6
66	An La-related protein controls cell cycle arrest by nuclear retrograde transport of tRNAs during diapause formation in Artemia. <i>BMC Biology</i> , <b>2016</b> , 14, 16	7.3	14

65	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> , <b>2016</b> , 291, 4462-72	5.4	30
64	The RNA-editing deaminase ADAR is involved in stress resistance of Artemia diapause embryos. <i>Stress</i> , <b>2016</b> , 19, 609-620	3	2
63	Expression profiles of miRNAs and involvement of miR-100 and miR-34 in regulation of cell cycle arrest in Artemia. <i>Biochemical Journal</i> , <b>2015</b> , 470, 223-31	3.8	31
62	Molecular Cloning and Sexually Dimorphic Expression of Two Dmrt Genes in the Giant Freshwater Prawn, <i>Macrobrachium rosenbergii</i> . <i>Agricultural Research</i> , <b>2014</b> , 3, 181-191	1.4	31
61	Identification and characterization of a Ste20-like kinase in Artemia and its role in the developmental regulation and resistance to environmental stress. <i>PLoS ONE</i> , <b>2014</b> , 9, e92234	3.7	5
60	Characterization of PHB1 and its role in mitochondrial maturation and yolk platelet degradation during development of Artemia embryos. <i>PLoS ONE</i> , <b>2014</b> , 9, e109152	3.7	5
59	Two p90 ribosomal S6 kinase isoforms are involved in the regulation of mitotic and meiotic arrest in Artemia. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 16006-15	5.4	11
58	When did decapods invade hydrothermal vents? Clues from the Western Pacific and Indian Oceans. <i>Molecular Biology and Evolution</i> , <b>2013</b> , 30, 305-9	8.3	35
57	Chitin-binding proteins of Artemia diapause cysts participate in formation of the embryonic cuticle layer of cyst shells. <i>Biochemical Journal</i> , <b>2013</b> , 449, 285-94	3.8	37
56	Regulation of trehalase expression inhibits apoptosis in diapause cysts of Artemia. <i>Biochemical Journal</i> , <b>2013</b> , 456, 185-94	3.8	11
55	Acetylation of Chromatin-Associated Histone H3 Lysine 56 Inhibits the Development of Encysted Artemia Embryos. <i>PLoS ONE</i> , <b>2013</b> , 8, e68374	3.7	17
54	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> , <b>2012</b> , 17, 103-8	4	31
53	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> , <b>2012</b> , 32, 446-58	4.3	8
52	Deubiquitinating enzyme BAP1 is involved in the formation and maintenance of the diapause embryos of Artemia. <i>Cell Stress and Chaperones</i> , <b>2012</b> , 17, 577-87	4	9
51	Involvement of cyclin K posttranscriptional regulation in the formation of Artemia diapause cysts. <i>PLoS ONE</i> , <b>2012</b> , 7, e32129	3.7	17
50	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> , <b>2012</b> , 287, 15923-34	5.4	24
49	Prawn lipocalin: characterization of a color shift induced by gene knockdown and ligand binding assay. <i>Journal of Experimental Zoology</i> , <b>2011</b> , 315, 562-71		11
48	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> , <b>2011</b> , 85, 31-41	3.9	20

47	Determination in oocytes of the reproductive modes for the brine shrimp <i>Artemia parthenogenetica</i> . <i>Bioscience Reports</i> , <b>2011</b> , 31, 17-30	4.1	16
46	Extracellular matrix peptides of <i>Artemia</i> cyst shell participate in protecting encysted embryos from extreme environments. <i>PLoS ONE</i> , <b>2011</b> , 6, e20187	3.7	26
45	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> , <b>2010</b> , 39, 621-630	2.5	23
44	A novel terminal ampullae peptide is involved in the proteolytic activity of sperm in the prawn, <i>Macrobrachium rosenbergii</i> . <i>Reproduction</i> , <b>2010</b> , 140, 235-45	3.8	11
43	Isolation and characterization of a new strain of <i>Methanothermobacter marburgensis</i> DX01 from hot springs in China. <i>Anaerobe</i> , <b>2010</b> , 16, 54-9	2.8	8
42	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> , <b>2009</b> , 284, 16931-16938	5.4	37
41	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> , <b>2009</b> , 11, 252-9	3.4	21
40	Full-length normalization subtractive hybridization: a novel method for generating differentially expressed cDNAs. <i>Molecular Biotechnology</i> , <b>2009</b> , 43, 257-63	3	9
39	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> , <b>2009</b> , 9, 21	3.1	15
38	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> , <b>2009</b> , 167, 523-30	12.8	12
37	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> , <b>2009</b> , 154, 37-47	2.3	10
36	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> , <b>2008</b> , 9, 504	4.5	8
35	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> , <b>2008</b> , 283, 1705-1712	5.4	30
34	MTH1745, a protein disulfide isomerase-like protein from thermophilic archaea, <i>Methanothermobacter thermoautotrophicum</i> involving in stress response. <i>Cell Stress and Chaperones</i> , <b>2008</b> , 13, 239-46	4	13
33	Inhibition of a novel sperm gelatinase in prawn sperm by the male reproduction-related Kazal-type peptidase inhibitor. <i>Molecular Reproduction and Development</i> , <b>2008</b> , 75, 1327-37	2.6	20
32	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> , <b>2007</b> , 24, 1059-65	0.8	4
31	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> , <b>2007</b> , 9, 45-55	3.4	25
30	AMPK alpha subunit gene characterization in <i>Artemia</i> and expression during development and in response to stress. <i>Stress</i> , <b>2007</b> , 10, 53-63	3	21

29	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> , <b>2007</b> , 146, 20-5	2.3	5
28	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> , <b>2007</b> , 147, 222-9	2.3	19
27	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> , <b>2007</b> , 147, 191-8	2.3	4
26	PCR-suppression effect: kinetic analysis and application to representative or long-molecule biased PCR-based amplification of complex samples. <i>Journal of Biotechnology</i> , <b>2007</b> , 128, 435-43	3.7	13
25	The translational and transcriptional initiation sites of BmNPV lef-7 gene. <i>Virus Genes</i> , <b>2006</b> , 33, 351-7	2.3	7
24	Molecular cloning of Clock cDNA from the prawn, <i>Macrobrachium rosenbergii</i> . <i>Brain Research</i> , <b>2006</b> , 1067, 13-24	3.7	24
23	Identification of a novel male reproduction-related gene and its regulated expression patterns in the prawn, <i>Macrobrachium rosenbergii</i> . <i>Peptides</i> , <b>2006</b> , 27, 728-35	3.8	16
22	Molecular cloning and characterization of FGLamide allatostatin gene from the prawn, <i>Macrobrachium rosenbergii</i> . <i>Peptides</i> , <b>2006</b> , 27, 1241-50	3.8	26
21	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> , <b>2005</b> , 142, 456-64	2.3	58
20	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> , <b>2005</b> , 140, 599-605	2.3	16
19	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> , <b>2004</b> , 301, 802-14		37
18	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> , <b>2004</b> , 28, 325-35	3.2	85
17	Molecular cloning and expression of two HSP70 genes in the prawn, <i>Macrobrachium rosenbergii</i> . <i>Cell Stress and Chaperones</i> , <b>2004</b> , 9, 313-23	4	67
16	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> , <b>2002</b> , 292, 417-29		88
15	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> , <b>2002</b> , 293, 675-82		40
14	Identification of two distinct molt-inhibiting hormone-related peptides from the giant tiger prawn <i>Penaeus monodon</i> . <i>Marine Biotechnology</i> , <b>2002</b> , 4, 132-40	3.4	34
13	Vitellogenin of the kuruma prawn: the deduced primary structure and gene expression. <i>Fisheries Science</i> , <b>2002</b> , 68, 973-974	1.9	1
12	Ouabain-sensitive Na/K-ATPase activity increases during embryogenesis in the giant freshwater prawn <i>Macrobrachium rosenbergii</i> . <i>Fisheries Science</i> , <b>2001</b> , 67, 182-184	1.9	12

11	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 &amp; Integrative Physiology</i> , <b>2001</b> , 128, 317-26	2.6	55
10	Cloning of precursors for two MIH/VIH-related peptides in the prawn, <i>Macrobrachium rosenbergii</i> . <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 289, 407-13	3.4	31
9	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> , <b>2000</b> , 287, 413-22		69
8	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 &amp; Integrative Physiology</i> , <b>2000</b> , 125, 377-88	2.6	38
7	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> , <b>2000</b> , 17, 651-60	0.8	146
6	Determination of amino acid sequence and site of mRNA expression of four vitellins in the giant freshwater prawn, <i>Macrobrachium rosenbergii</i> <b>2000</b> , 287, 413		1
5	Characterization of chromatophorotropic neuropeptides from the kuruma prawn <i>Penaeus japonicus</i> . <i>General and Comparative Endocrinology</i> , <b>1999</b> , 114, 415-24	3	38
4	Amino acid sequences and activities of multiple hyperglycemic hormones from the Kuruma prawn, <i>Penaeus japonicus</i> . <i>Peptides</i> , <b>1997</b> , 18, 479-85	3.8	79
3	Isolation and amino acid sequence of a molt-inhibiting hormone from the American crayfish, <i>Procambarus clarkii</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , <b>1996</b> , 60, 554-6	2.1	44
2	A Novel Neuropeptide with Molt-inhibiting Activity from the Sinus Gland of the Crayfish, <i>Procamharus clarkii</i> . <i>Zoological Science</i> , <b>1996</b> , 13, 295-298	0.8	17
1	Amino acid sequences of a hyperglycaemic hormone and its related peptides from the Kuruma prawn, <i>Penaeus japonicus</i> . <i>Aquaculture</i> , <b>1995</b> , 135, 205-212	4.4	62