

Hyun-Woo Kim

List of Publications by Year in descending order

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104
papers

1,259
citations

377584

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466096

32
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107
all docs

107
docs citations

107
times ranked

1642
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Diet Analysis of Adelie Penguins (<i>Pygoscelis adeliae</i>) in the Ross Sea Using Fecal DNA. <i>Biology</i> , 2022, 11, 182.	1.3	4
2	Environmental DNA Metabarcoding Analysis of Fish Assemblages and Phytoplankton Communities in a Furrowed Seabed Area Caused by Aggregate Mining. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	2
3	Feeding Strategy of the Wild Korean Seahorse (<i>Hippocampus haema</i>). <i>Journal of Marine Science and Engineering</i> , 2022, 10, 357.	1.2	2
4	The complete mitochondrial genome of the Korean endemic species <i>Cobitis hankugensis</i> (Kim.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 0	0.2	0
5	Application of Dual Metabarcoding Platforms for the Meso- and Macrozooplankton Taxa in the Ross Sea. <i>Genes</i> , 2022, 13, 922.	1.0	1
6	Optimized pretreatment conditions for the environmental DNA (eDNA) analysis of <i>Apostichopus japonicus</i> . <i>Fisheries and Aquatic Sciences</i> , 2022, 25, 264-275.	0.3	0
7	Chromosomal assembly of the Antarctic toothfish (<i>Dissostichus mawsoni</i>) genome using third-generation DNA sequencing and Hi-C technology. <i>Zoological Research</i> , 2021, 42, 124-129.	0.9	17
8	Morphological dietary composition of Antarctic toothfish (<i>Dissostichus mawsoni</i>) along the East Antarctic continental slope. <i>Polar Biology</i> , 2021, 44, 499-508.	0.5	6
9	Characterization of the complete mitochondrial genome of the Northern Mud Gudgeon, <i>Ophiocara porocephala</i> (Perciformes: Eleotridae) with phylogenetic implications. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 953-955.	0.2	2
10	Metabarcoding Analysis of Ichthyoplankton in the East/Japan Sea Using the Novel Fish-Specific Universal Primer Set. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	8
11	The complete mitochondrial genome of the blue runner, <i>Caranx crysos</i> (Mitchill, 1815) (Teleostei:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 0	0.2	1
12	The complete mitochondrial genome of the longneck croaker, <i>pseudotolithus typus</i> Bleeker, 1863 from Sierra Leone. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 1640-1641.	0.2	0
13	The complete mitochondrial genome of the barcheek trevally, <i>Carangoides plagiotaenia</i> Bleeker, 1857 from Beqa Lagoon in Fiji. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 1810-1811.	0.2	0
14	Genetic Diversity and Population Structure of the Antarctic Toothfish, <i>Dissostichus mawsoni</i> , Using Mitochondrial and Microsatellite DNA Markers. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	3
15	Development of a Quantitative PCR Assay for Four Salmon Species Inhabiting the Yangyangnamdae River Using Environmental DNA. <i>Biology</i> , 2021, 10, 899.	1.3	2
16	The complete mitochondrial genome of Japanese sea lion, <i>Zalophus japonicus</i> (Carnivora:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 0	0.2	2
17	Streptomycin mediated biofilm inhibition and suppression of virulence properties in <i>Pseudomonas aeruginosa</i> PAO1. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 799-816.	1.7	36
18	Identifying patterns in the multitrophic community and food-web structure of a low-turbidity temperate estuarine bay. <i>Scientific Reports</i> , 2020, 10, 16637.	1.6	9

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19	The complete mitochondrial genome of the doubled-lined mackerel <i>Grammatorcynus bilineatus</i> R1/4ppell, 1836 (Perciformes: Scombridae) from Beqa lagoon in Fiji. Mitochondrial DNA Part B: Resources, 2020, 5, 3670-3671.	0.2	1
20	Characterization of the complete mitochondrial genome of brown barracuda, <i>Sphyraena pinguis</i> (Perciformes: Sphyraenidae). Mitochondrial DNA Part B: Resources, 2020, 5, 3042-3043.	0.2	2
21	Characterization of complete mitochondrial genome of Pogonophryne albipinna (Perciformes:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.2	4
22	The Jawa and Bali Island Marine Fish Molecular Identification to Improve 12S rRNA-tRNA Valin-16S rRNA Partial Region Sequences on the GenBank Database. Thalassas, 2020, 36, 343-356.	0.1	0
23	Characterization of the complete mitochondrial genome of the false trevally, <i>Lactarius lactarius</i> (Perciformes: Lactariidae). Mitochondrial DNA Part B: Resources, 2020, 5, 1806-1807.	0.2	0
24	Assessment of fish biodiversity in four Korean rivers using environmental DNA metabarcoding. PeerJ, 2020, 8, e9508.	0.9	15
25	Characterization of the complete mitochondrial genome of Golden cusk, <i>Siremba imberbis</i> (Ophidiiformes:Ophidiidae). Mitochondrial DNA Part B: Resources, 2020, 5, 3815-3816.	0.2	1
26	Mitogenome Announcement Characterization of the complete mitochondrial genome of golden tank goby, <i>Glossogobius aureus</i> (Perciformes: Gobiidae). Mitochondrial DNA Part B: Resources, 2020, 5, 3817-3818.	0.2	1
27	Complete mitochondrial genome of green shrimp, <i>Chlorotocus crassicornis</i> (Crustacea: Decapoda:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.2	2
28	Characterization of the complete mitochondrial genome of Gangetic ailia, <i>Ailia coila</i> (Siluriformes: Ailiidae). Mitochondrial DNA Part B: Resources, 2019, 4, 2258-2259.	0.2	3
29	Sequence and phylogenetic analysis of the complete mitochondrial genome for the grey stingfish <i>Minous monodactylus</i> (Scorpaeniformes: Synanceiidae). Mitochondrial DNA Part B: Resources, 2019, 4, 1377-1378.	0.2	0
30	Molecular characterization of the complete mitochondrial genome of morotoge shrimp <i>Pandalopsis japonica</i> (Decapoda: Pandalidae). Mitochondrial DNA Part B: Resources, 2019, 4, 545-546.	0.2	2
31	Mitochondrial genome of Mola carplet, <i>Amblypharyngodon mola</i> (Hamilton, 1822) and its evolutionary relationship in subfamily Danioninae. Mitochondrial DNA Part B: Resources, 2019, 4, 650-651.	0.2	2
32	Complete mitochondrial genome of saw-jawed monocle bream <i>Scolopsis ciliata</i> and its phylogenetic relationship in genus <i>Scolopsis</i> . Mitochondrial DNA Part B: Resources, 2019, 4, 393-394.	0.2	1
33	The molecular characterization of complete mitochondrial genome of spotted snakehead fish, <i>Channa punctata</i> (Bloch 1793). Mitochondrial DNA Part B: Resources, 2019, 4, 547-548.	0.2	4
34	The complete mitochondrial genome of black-spot snapper, <i>Lutjanus fulvivlamma</i> (Perciformes:) Tj ETQq0 0 0 rgBT /Overlock 10	0.2	1
35	The complete mitochondrial genome of spearnose grenadier, <i>Coelorinchus multispinulosus</i> , Katayama, 1942 (Gadiformes: Macrouridae). Mitochondrial DNA Part B: Resources, 2019, 4, 1123-1124.	0.2	0
36	Characterization of complete mitochondrial genome and gene organization of sharp-spined notothenia, <i>Trematomus pennellii</i> (Perciformes: Nototheniidae). Mitochondrial DNA Part B: Resources, 2019, 4, 648-649.	0.2	4

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37	The complete mitochondrial genome of blacktip sardinella, <i>Sardinella melanura</i> (Clupeiformes:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.2	1
38	Complete mitochondrial genome of Staghorn damselfish, <i>Amblyglyphidodon curacao</i> (Perciformes, Pomacentridae). Mitochondrial DNA Part B: Resources, 2019, 4, 1101-1102.	0.2	0
39	Characterization of the complete mitochondrial genome of <i>Bothrocara hollandi</i> (Perciformes:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.2	1
40	Characterization of complete mitochondrial genome of coonstriped shrimp <i>Pandalus hypsinotus</i> (Decapoda: Pandalidae). Mitochondrial DNA Part B: Resources, 2019, 4, 294-295.	0.2	2
41	The complete mitochondrial genome of a Pabdah catfish, <i>Ompok pabda</i> (Hamilton, 1822). Mitochondrial DNA Part B: Resources, 2019, 4, 507-508.	0.2	5
42	Characterization of the complete mitochondrial genome of <i>Odontobutis platycephala</i> collected from Nakdong River, South Korea. Mitochondrial DNA Part B: Resources, 2019, 4, 3908-3909.	0.2	0
43	Characterization of the complete mitochondrial genome of <i>Chionobathyscus dewitti</i> (Perciformes,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.2	3
44	Characterization of the complete mitochondrial genome of <i>Silurus soldatovi</i> in Korean river. Mitochondrial DNA Part B: Resources, 2019, 4, 3886-3887.	0.2	0
45	Development of the cephalopod-specific universal primer set and its application for the metabarcoding analysis of planktonic cephalopods in Korean waters. PeerJ, 2019, 7, e7140.	0.9	3
46	Assessment of the Dynamics of Microbial Community Associated with Culture under Different LED Lights Using Next-Generation Sequencing. Journal of Microbiology and Biotechnology, 2019, 29, 1957-1968.	0.9	1
47	Complete mitochondrial genome of brownstripe red snapper, <i>Lutjanus vitta</i> (Perciformes:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.2	6
48	Characterization of the complete mitochondrial genome of <i>Melibe japonica</i> (Eliot, 1913) collected from Korean water. Mitochondrial DNA Part B: Resources, 2018, 3, 1057-1058.	0.2	1
49	Characterization of the mitogenome of <i>Cynoglossus Senegalensis</i> (Pleuronectiformes:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.2	2
50	The complete mitogenome of Bagrid catfish <i>Chrysichthys nigrodigitatus</i> (Siluriformes: Claroteidae). Mitochondrial DNA Part B: Resources, 2018, 3, 1239-1240.	0.2	1
51	The complete mitochondrial genome of the Argentine red shrimp <i>Pleoticus muelleri</i> (Bate, 1888) (Crustacea, Decapoda, Solenoceridae). Mitochondrial DNA Part B: Resources, 2018, 3, 1027-1028.	0.2	2
52	Complete mitochondrial genome of <i>Penaeus acehensis</i> (Crustacea, Decapoda, Penaeidae) from Aceh province, Indonesia. Mitochondrial DNA Part B: Resources, 2018, 3, 898-899.	0.2	4
53	Characterization of complete mitochondrial genome of two-spot swimming crab <i>Charybdis bimaculata</i> (Miers, 1886). Mitochondrial DNA Part B: Resources, 2018, 3, 900-901.	0.2	5
54	Genomic analysis of red-tide water bloomed with <i>Heterosigma akashiwo</i> in Geoje. PeerJ, 2018, 6, e4854.	0.9	8

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55	Complete mitochondrial genome of <i>Palaemon gravieri</i> (Yu, 1930) (Crustacea: Decapoda: Palaemonidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2017, 28, 277-278.	0.7	7
56	Transcriptomic analysis of the hepatopancreas induced by eyestalk ablation in shrimp, <i>Litopenaeus vannamei</i> . Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2017, 24, 99-110.	0.4	16
57	The influence of climate regime shifts on the marine environment and ecosystems in the East Asian Marginal Seas and their mechanisms. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 143, 110-120.	0.6	42
58	The genome of the Antarctic-endemic copepod, <i>Tigriopus kingsejongensis</i> . GigaScience, 2017, 6, 1-9.	3.3	12
59	Characterization of the complete mitochondrial genome of Mauritian sardinella, <i>Sardinella jussieu</i> (Lacepède, 1803), collected in the Banten Bay, Indonesia. Fisheries and Aquatic Sciences, 2017, 20, .	0.3	4
60	Metabarcoding analysis of the stomach contents of the Antarctic Toothfish (<i>Dissostichus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	0.9	35
61	Complete mitochondrial genome of Kishi velvet shrimp, <i>Metapenaeopsis dalei</i> (Rathbun, 1902) (Crustacea: Decapoda: Penaeidae) in the East China Sea. Mitochondrial DNA Part B: Resources, 2016, 1, 120-121.	0.2	3
62	Distribution of chaetognaths (Aphragmophora: Sagittidae) in Korean waters. Ocean Science Journal, 2016, 51, 447-454.	0.6	2
63	Complete mitochondrial genome of Australian spiny lobster, <i>Panulirus cygnus</i> (George, 1962) (Crustacea: Decapoda: Palinuridae) from coast of Australia. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 4576-4577.	0.7	3
64	Three cDNAs encoding vitellogenin homologs from Antarctic copepod, <i>Tigriopus kingsejongensis</i> : Cloning and transcriptional analysis in different maturation stages, temperatures, and putative reproductive hormones. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 192, 38-48.	0.7	10
65	Total mitochondrial genome of mantis shrimp, <i>Squilla leptoquilla</i> (Brooks, 1886) (Crustacea: Stomatopoda: Squillidae) in Korean waters. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 2842-2843.	0.7	2
66	Synergistic Antibacterial Effect and Antibacterial Action Mode of Chitosan-Ferulic Acid Conjugate against Methicillin-Resistant <i>Staphylococcus aureus</i> . Journal of Microbiology and Biotechnology, 2016, 26, 784-789.	0.9	27
67	Development of a cost-effective metabarcoding strategy for analysis of the marine phytoplankton community. PeerJ, 2016, 4, e2115.	0.9	37
68	Molecular characterization of an adiponectin receptor homolog in the white leg shrimp, <i>Litopenaeus vannamei</i> . PeerJ, 2016, 4, e2221.	0.9	8
69	Five nicotinic acetylcholine receptor subunits from the Morotoge shrimp, <i>Pandalopsis japonica</i> : cloning, tissue distribution, and functional expression in <i>Xenopus</i> oocytes. Animal Cells and Systems, 2015, 19, 393-406.	0.8	2
70	Molecular characterization of four genes highly expressed during megalopa stage in Chinese mitten crab, <i>Eriocheir sinensis</i> . Ocean Science Journal, 2015, 50, 61-75.	0.6	3
71	pH-Responsive assembly of metal nanoparticles and fluorescent dyes by diblock copolymer micelles. Soft Matter, 2015, 11, 4402-4407.	1.2	8
72	Effective RNA-silencing strategy of Lv-MSTN/GDF11 gene and its effects on the growth in shrimp, <i>Litopenaeus vannamei</i> . Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2015, 179, 9-16.	0.7	34

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73	Using Text-mining Method to Identify Research Trends of Freshwater Exotic Species in Korea.. Korean Journal of Ecology and Environment, 2015, 48, 195-202.	0.3	10
74	The mechanism of antibacterial activity of phlorofucofuroeckol-A against methicillin-resistant Staphylococcus aureus. Applied Microbiology and Biotechnology, 2014, 98, 9795-9804.	1.7	55
75	Establishment condition and characterization of heart-derived cell culture in Siberian sturgeon (Acipenser baerii). In Vitro Cellular and Developmental Biology - Animal, 2014, 50, 909-917.	0.7	8
76	Four cDNAs encoding lipoprotein receptors from shrimp (Pandalopsis japonica): Structural characterization and expression analysis during maturation. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2014, 169, 51-62.	0.7	12
77	<i>In Vitro</i> Antibacterial Activity and Synergistic Antibiotic Effects of Phlorotannins Isolated from <i>Eisenia bicyclis</i> Against Methicillin-Resistant <i>Staphylococcus aureus</i>. Phytotherapy Research, 2013, 27, 1260-1264.	2.8	38
78	Differences in gene organization between type I and type II crustins in the morotoge shrimp, Pandalopsis japonica. Fish and Shellfish Immunology, 2013, 35, 1176-1184.	1.6	15
79	Production of a novel silk-like protein from sea anemone and fabrication of wet-spun and electrospun marine-derived silk fibers. NPC Asia Materials, 2013, 5, e50-e50.	3.8	23
80	Molecular characterization of four actin cDNAs and effects of 20-hydroxyecdysone on their expression in swimming crab, <i>Portunus trituberculatus</i> (Miers, 1876). Animal Cells and Systems, 2013, 17, 203-212.	0.8	9
81	±6 nAChR subunit residues that confer ±conotoxin BuIA selectivity. FASEB Journal, 2012, 26, 4102-4110.	0.2	20
82	Molecular characterization of three crustin genes in the morotoge shrimp, Pandalopsis japonica. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2012, 163, 161-171.	0.7	19
83	Molecular cloning and characterization of three cDNAs encoding allatostatin-like neurosecretory peptides from Pandalopsis japonica. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2012, 163, 334-348.	0.7	3
84	Five hepatopancreatic and one epidermal chitinases from a pandalid shrimp (Pandalopsis japonica): Cloning and effects of eyestalk ablation on gene expression. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2012, 161, 197-207.	0.7	43
85	Two type I crustacean hyperglycemic hormone (CHH) genes in Morotoge shrimp (Pandalopsis japonica): Cloning and expression of eyestalk and pericardial organ isoforms produced by alternative splicing and a novel type I CHH with predicted structure shared with type II CHH peptides. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2012, 162, 88-99.	0.7	21
86	Removal of off-flavors from sea tangle (Laminaria japonica) extract by fermentation with Aspergillus oryzae. Bioresource Technology, 2012, 121, 475-479.	4.8	33
87	Two juvenile hormone esterase-like carboxylesterase cDNAs from a Pandalus shrimp (Pandalopsis) Tj ETQq1 1 0.784314 rgBT /Overlook Physiology - B Biochemistry and Molecular Biology, 2011, 159, 148-156.	0.7	43
88	Relative Growth of Three Chionoecetes Crabs (decapoda, Majidae) in the East Sea, Korea. Crustaceana, 2011, 84, 897-904.	0.1	1
89	Myostatin from the American lobster, Homarus americanus: Cloning and effects of molting on expression in skeletal muscles. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 157, 328-337.	0.8	28
90	Molecular characterization of myostatin-like genes expressed highly in the muscle tissue from Morotoge shrimp, Pandalopsis japonica. Aquaculture Research, 2010, 41, e862-e871.	0.9	18

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91	First record of the Indo-Pacific bottlenose dolphin, <i>Tursiops aduncus</i> , in Korean waters. <i>Animal Cells and Systems</i> , 2010, 14, 213-219.	0.8	5
92	Estrogenicity of 4-nonylphenol and diethylstilbestrol on in vitro oocyte maturation of the dusky tripletooth goby, <i>Tridentiger obscurus</i> . <i>Animal Cells and Systems</i> , 2010, 14, 161-167.	0.8	5
93	Characterization of two vitellogenin cDNAs from a <i>Pandalus</i> shrimp (<i>Pandalopsis japonica</i>): Expression in hepatopancreas is down-regulated by endosulfan exposure. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 157, 102-112.	0.7	33
94	Cloning and tissue expression of eleven troponin-C isoforms in the American lobster, <i>Homarus americanus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 157, 88-101.	0.7	19
95	<i>Kocuria gwangalliensis</i> sp. nov., an actinobacterium isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 2769-2772.	0.8	35
96	Twelve actin-encoding cDNAs from the American lobster, <i>Homarus americanus</i> : Cloning and tissue expression of eight skeletal muscle, one heart, and three cytoplasmic isoforms. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2009, 153, 178-184.	0.7	24
97	Molecular cloning, tissue distribution and quantitative analysis of two proopiomelanocortin mRNAs in Japanese flounder (<i>Paralichthys olivaceus</i>). <i>BMB Reports</i> , 2009, 42, 206-211.	1.1	7
98	Expression of alternatively spliced transcripts for a myostatin-like protein in the blackback land crab, <i>Gecarcinus lateralis</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008, 150, 423-430.	0.8	36
99	Pancreatic lipase-related protein (PYâ€“PLRP) highly expressed in the vitellogenic ovary of the scallop, <i>Patinopecten yessoensis</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008, 151, 52-58.	0.7	20
100	Reproductive Biology of <i>Pandalus Gracilis</i> Stimpson, 1860 (Decapoda, Pandalidae) in the Southeastern Coastal Waters of Korea. <i>Crustaceana</i> , 2008, 81, 797-811.	0.1	6
101	Guanylyl cyclases in the tropical land crab, <i>Gecarcinus lateralis</i> : Cloning of soluble (NO-sensitive and) Tj ETQq1 1 0.784314 rgBT /Over Genomics and Proteomics, 2007, 2, 332-344.	0.4	16
102	Ecdysteroid-responsive genes, RXR and E75, in the tropical land crab, <i>Gecarcinus lateralis</i> : Differential tissue expression of multiple RXR isoforms generated at three alternative splicing sites in the hinge and ligand-binding domains. <i>Molecular and Cellular Endocrinology</i> , 2005, 242, 80-95.	1.6	92
103	A crustacean nitric oxide synthase expressed in nerve ganglia, Y-organ, gill and gonad of the tropical land crab, <i>Gecarcinus lateralis</i> . <i>Journal of Experimental Biology</i> , 2004, 207, 2845-2857.	0.8	78
104	Characterization of a myostatin-like gene from the bay scallop, <i>Argopecten irradians</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2004, 1679, 174-179.	2.4	40