

List of Publications by Citations

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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.

321 papers	5,607 citations	37 h-index	53 g-index
324 ext. papers	6,324 ext. citations	3.9 avg, IF	5.7 L-index

#	Paper	IF	Citations
321	Antioxidant activities of phlorotannins purified from Ecklonia cava on free radical scavenging using ESR and H <sub>2</sub> O <sub>2</sub> -mediated DNA damage. <i>European Food Research and Technology</i> , <b>2007</b> , 226, 71-79	3.4	211
320	DNA cleavage in trans by the active site tyrosine during Flp recombination: switching protein partners before exchanging strands. <i>Cell</i> , <b>1992</b> , 69, 647-58	56.2	177
319	Antibacterial Activity of Graphene Oxide Nanosheets. <i>Science of Advanced Materials</i> , <b>2012</b> , 4, 1111-1117	2.3	81
318	Cu/Zn- and Mn-superoxide dismutase (SOD) from the copepod Tigriopus japonicus: molecular cloning and expression in response to environmental pollutants. <i>Chemosphere</i> , <b>2011</b> , 84, 1467-75	8.4	80
317	Protective effect of Ecklonia cava enzymatic extracts on hydrogen peroxide-induced cell damage. <i>Process Biochemistry</i> , <b>2006</b> , 41, 2393-2401	4.8	77
316	Transcriptional analysis of antioxidant and immune defense genes in disk abalone ( <i>Haliotis discus discus</i> ) during thermal, low-salinity and hypoxic stress. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2009</b> , 154, 387-95	2.3	73
315	First molluscan TNF-alpha homologue of the TNF superfamily in disk abalone: molecular characterization and expression analysis. <i>Fish and Shellfish Immunology</i> , <b>2009</b> , 26, 625-31	4.3	65
314	Immunomodulatory effects of an enzymatic extract from Ecklonia cava on murine splenocytes. <i>Marine Biotechnology</i> , <b>2008</b> , 10, 278-89	3.4	64
313	Two ferritin subunits from disk abalone ( <i>Haliotis discus discus</i> ): cloning, characterization and expression analysis. <i>Fish and Shellfish Immunology</i> , <b>2007</b> , 23, 624-35	4.3	62
312	Effects of LED light spectra on oxidative stress and the protective role of melatonin in relation to the daily rhythm of the yellowtail clownfish, <i>Amphiprion clarkii</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2011</b> , 160, 221-8	2.6	60
311	Metagenomics analysis of gut microbiota and immune modulation in zebrafish ( <i>Danio rerio</i> ) fed chitosan silver nanocomposites. <i>Fish and Shellfish Immunology</i> , <b>2017</b> , 66, 173-184	4.3	57
310	Isolation and purification of an anticoagulant from fermented red seaweed <i>Lomentaria catenata</i> . <i>Carbohydrate Polymers</i> , <b>2008</b> , 73, 274-279	10.3	57
309	Comparative study on antifungal activities of chitosan nanoparticles and chitosan silver nano composites against <i>Fusarium oxysporum</i> species complex. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 105, 478-488	7.9	56
308	Anticoagulant activity of sulfated polysaccharide isolated from fermented brown seaweed <i>Sargassum fulvellum</i> . <i>Journal of Applied Phycology</i> , <b>2008</b> , 20, 67-74	3.2	56
307	A manganese superoxide dismutase (MnSOD) from <i>Ruditapes philippinarum</i> : comparative structural- and expressional-analysis with copper/zinc superoxide dismutase (Cu/ZnSOD) and biochemical analysis of its antioxidant activities. <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 33, 753-65	4.3	55
306	A novel C-type lectin from abalone, <i>Haliotis discus discus</i> , agglutinates <i>Vibrio alginolyticus</i> . <i>Developmental and Comparative Immunology</i> , <b>2008</b> , 32, 1034-40	3.2	54
305	Molecular evidence for the existence of lipopolysaccharide-induced TNF-alpha factor (LITAF) and Rel/NF-kB pathways in disk abalone ( <i>Haliotis discus discus</i> ). <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 28, 754-63	4.3	52

304	Effect of cadmium exposure on expression of antioxidant gene transcripts in the river pufferfish, <i>Takifugu obscurus</i> (Tetraodontiformes). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2010</b> , 152, 473-9	3.2	52
303	Comparative study of two thioredoxin peroxidases from disk abalone ( <i>Haliotis discus discus</i> ): cloning, recombinant protein purification, characterization of antioxidant activities and expression analysis. <i>Fish and Shellfish Immunology</i> , <b>2008</b> , 24, 294-307	4.3	52
302	Effect of LED light spectra on starvation-induced oxidative stress in the cinnamon clownfish <i>Amphiprion melanopus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2012</b> , 163, 357-63	2.6	51
301	Cloning, purification and biochemical characterization of beta agarase from the marine bacterium <i>Pseudoalteromonas</i> sp. AG4. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2010</b> , 37, 483-94	4.2	51
300	Synthesis, characterization of ZnO-chitosan nanocomposites and evaluation of its antifungal activity against pathogenic <i>Candida albicans</i> . <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 108, 1281-1288	7.9	51
299	Characterization and expression analysis of a goose-type lysozyme from the rock bream <i>Oplegnathus fasciatus</i> , and antimicrobial activity of its recombinant protein. <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 30, 532-42	4.3	50
298	Cloning, characterization and tissue expression of disk abalone ( <i>Haliotis discus discus</i> ) catalase. <i>Fish and Shellfish Immunology</i> , <b>2008</b> , 24, 267-78	4.3	49
297	Mitochondrial thioredoxin-2 from disk abalone ( <i>Haliotis discus discus</i> ): molecular characterization, tissue expression and DNA protection activity of its recombinant protein. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2008</b> , 149, 630-9	2.3	47
296	Defensin from disk abalone <i>Haliotis discus discus</i> : molecular cloning, sequence characterization and immune response against bacterial infection. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 28, 261-6	4.3	45
295	Abhisin: a potential antimicrobial peptide derived from histone H2A of disk abalone ( <i>Haliotis discus discus</i> ). <i>Fish and Shellfish Immunology</i> , <b>2009</b> , 27, 639-46	4.3	45
294	Pathogenicity of <i>Miamiensis avidus</i> (syn. <i>Philasterides dicentrarchi</i> ), <i>Pseudocohnilembus persalinus</i> , <i>Pseudocohnilembus hargisi</i> and <i>Uronema marinum</i> (Ciliophora, Scuticociliatida). <i>Diseases of Aquatic Organisms</i> , <b>2009</b> , 83, 133-43	1.7	45
293	Expression profiles of seven glutathione S-transferase (GST) genes in cadmium-exposed river pufferfish ( <i>Takifugu obscurus</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2010</b> , 151, 99-106	3.2	43
292	Molecular characterization and expression analysis of Cathepsin B and L cysteine proteases from rock bream ( <i>Oplegnathus fasciatus</i> ). <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 30, 763-72	4.3	41
291	Wild-type Flp recombinase cleaves DNA in trans. <i>EMBO Journal</i> , <b>1999</b> , 18, 784-91	13	41
290	Sequence-specific cleavage of DNA via nucleophilic attack of hydrogen peroxide, assisted by Flp recombinase. <i>Biochemistry</i> , <b>1993</b> , 32, 4698-701	3.2	41
289	Permanent genetic resources added to Molecular Ecology Resources Database 1 October 2010-30 November 2010. <i>Molecular Ecology Resources</i> , <b>2011</b> , 11, 418-21	8.4	40
288	Unveiling two distinct ribonuclease activities and a topoisomerase activity in a site-specific DNA recombinase. <i>Molecular Cell</i> , <b>1998</b> , 1, 729-39	17.6	40
287	Antimicrobial effects of chitosan silver nano composites (CAGNCs) on fish pathogenic <i>Aliivibrio</i> ( <i>Vibrio</i> ) <i>salmonicida</i> . <i>Aquaculture</i> , <b>2016</b> , 450, 422-430	4.4	39

286	Validation of housekeeping genes as internal controls for studying biomarkers of endocrine-disrupting chemicals in disk abalone by real-time PCR. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2011</b> , 153, 259-68	3.2	38
285	First report of invertebrate Mx: cloning, characterization and expression analysis of Mx cDNA in disk abalone ( <i>Haliotis discus discus</i> ). <i>Fish and Shellfish Immunology</i> , <b>2007</b> , 23, 86-96	4.3	38
284	Molecular cloning and functional characterization of two duplicated two-cysteine containing type I interferon genes in rock bream <i>Oplegnathus fasciatus</i> . <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 33, 886-98	4.3	37
283	Molecular characterization of mu class glutathione-S-transferase from disk abalone ( <i>Haliotis discus discus</i> ), a potential biomarker of endocrine-disrupting chemicals. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2008</b> , 150, 187-99	2.3	37
282	Interferon regulatory factors 4 and 8 in rock bream, <i>Oplegnathus fasciatus</i> : structural and expressional evidence for their antimicrobial role in teleosts. <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 33, 857-71	4.3	36
281	Allograft inflammatory factor-1 in disk abalone ( <i>Haliotis discus discus</i> ): molecular cloning, transcriptional regulation against immune challenge and tissue injury. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 29, 319-26	4.3	36
280	Transcriptional up-regulation of disk abalone selenium dependent glutathione peroxidase by H <sub>2</sub> O <sub>2</sub> oxidative stress and <i>Vibrio alginolyticus</i> bacterial infection. <i>Fish and Shellfish Immunology</i> , <b>2008</b> , 25, 446-57	4.3	36
279	Gene expression of pro- and anti-apoptotic proteins in rock bream ( <i>Oplegnathus fasciatus</i> ) infected with megalocytivirus (family Iridoviridae). <i>Fish and Shellfish Immunology</i> , <b>2014</b> , 37, 122-30	4.3	35
278	Recombinant perlucin nucleates the growth of calcium carbonate crystals: molecular cloning and characterization of perlucin from disk abalone, <i>Haliotis discus discus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2008</b> , 149, 354-61	2.3	35
277	Molecular cloning and characterization of Mn-superoxide dismutase from disk abalone ( <i>Haliotis discus discus</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2006</b> , 145, 318-24	2.3	35
276	Assembly and orientation of F1p recombinase active sites on two-, three- and four-armed DNA substrates: implications for a recombination mechanism. <i>Journal of Molecular Biology</i> , <b>1996</b> , 257, 532-549	6.5	35
275	Feeding of nano scale oats $\beta$ -glucan enhances the host resistance against <i>Edwardsiella tarda</i> and protective immune modulation in zebrafish larvae. <i>Fish and Shellfish Immunology</i> , <b>2017</b> , 60, 72-77	4.3	34
274	Rock bream ( <i>Oplegnathus fasciatus</i> ) serpin, protease nexin-1: transcriptional analysis and characterization of its antiprotease and anticoagulant activities. <i>Developmental and Comparative Immunology</i> , <b>2011</b> , 35, 785-98	3.2	33
273	Chitosan nanoparticles: A positive immune response modulator as display in zebrafish larvae against <i>Aeromonas hydrophila</i> infection. <i>Fish and Shellfish Immunology</i> , <b>2018</b> , 76, 240-246	4.3	31
272	A novel acute phase reactant, serum amyloid A-like 1, from <i>Oplegnathus fasciatus</i> : genomic and molecular characterization and transcriptional expression analysis. <i>Developmental and Comparative Immunology</i> , <b>2012</b> , 37, 294-305	3.2	31
271	Molecular characterization, immune responses and DNA protection activity of rock bream ( <i>Oplegnathus fasciatus</i> ), peroxiredoxin 6 (Prx6). <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 33, 28-35	4.3	31
270	Characterization of a novel molluscan MyD88 family protein from manila clam, <i>Ruditapes philippinarum</i> . <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 31, 887-93	4.3	31
269	Characterization and expression analysis of the myeloid differentiation factor 88 (MyD88) in rock bream <i>Oplegnathus fasciatus</i> . <i>Molecular Biology Reports</i> , <b>2011</b> , 38, 3911-20	2.8	31

268	Molecular cloning, characterization and expression analysis of peroxiredoxin 6 from disk abalone <i>Haliotis discus discus</i> and the antioxidant activity of its recombinant protein. <i>Fish and Shellfish Immunology</i> , <b>2009</b> , 27, 239-49	4.3	31
267	A manganese superoxide dismutase with potent antioxidant activity identified from <i>Oplegnathus fasciatus</i> : genomic structure and transcriptional characterization. <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 34, 23-37	4.3	30
266	Effects of LED light spectra on the growth of the yellowtail clownfish <i>Amphiprion clarkii</i> . <i>Fisheries Science</i> , <b>2012</b> , 78, 549-556	1.9	30
265	Molecular cloning and characterization of three sigma glutathione S-transferases from disk abalone ( <i>Haliotis discus discus</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2008</b> , 151, 257-67	2.3	30
264	Molecular cloning and expression analysis of interferon-gamma inducible lysosomal thiol reductase (GILT)-like cDNA from disk abalone ( <i>Haliotis discus discus</i> ). <i>Journal of Invertebrate Pathology</i> , <b>2007</b> , 96, 221-9	2.6	30
263	Gene structure, molecular characterization and transcriptional expression of two p38 isoforms (MAPK11 and MAPK14) from rock bream ( <i>Oplegnathus fasciatus</i> ). <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 47, 331-43	4.3	28
262	Molecular characterization and comparative expression analysis of two teleostean pro-inflammatory cytokines, IL-1 $\beta$ and IL-8, from <i>Sebastes schlegeli</i> . <i>Gene</i> , <b>2016</b> , 575, 732-42	3.8	28
261	Analyses of the first chemical step in FLP site-specific recombination: Synapsis may not be a pre-requisite for strand cleavage. <i>Journal of Molecular Biology</i> , <b>1996</b> , 256, 720-35	6.5	28
260	First comparative characterization of three distinct ferritin subunits from a teleost: Evidence for immune-responsive mRNA expression and iron depriving activity of seahorse ( <i>Hippocampus abdominalis</i> ) ferritins. <i>Fish and Shellfish Immunology</i> , <b>2016</b> , 49, 450-60	4.3	27
259	Molecular and functional characterization of HdHSP20: a biomarker of environmental stresses in disk abalone <i>Haliotis discus discus</i> . <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 33, 48-59	4.3	27
258	Molluscan death effector domain (DED)-containing caspase-8 gene from disk abalone ( <i>Haliotis discus discus</i> ): molecular characterization and expression analysis. <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 30, 480-7	4.3	27
257	A novel molluscan sigma-like glutathione S-transferase from Manila clam, <i>Ruditapes philippinarum</i> : cloning, characterization and transcriptional profiling. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2012</b> , 155, 539-50	3.2	26
256	Suppressor of cytokine signaling 2 (SOCS-2) homologue in disk abalone: cloning, sequence characterization and expression analysis. <i>Fish and Shellfish Immunology</i> , <b>2009</b> , 26, 500-8	4.3	26
255	Functional analysis of Box II mutations in yeast site-specific recombinases FLP and R. Significance of amino acid conservation within the Int family and the yeast sub-family. <i>Journal of Molecular Biology</i> , <b>1992</b> , 228, 1091-103	6.5	26
254	A bifunctional invertebrate-type lysozyme from the disk abalone, <i>Haliotis discus discus</i> : genome organization, transcriptional profiling and biological activities of recombinant protein. <i>Developmental and Comparative Immunology</i> , <b>2013</b> , 41, 282-94	3.2	25
253	Cytosolic thioredoxin from <i>Ruditapes philippinarum</i> : molecular cloning, characterization, expression and DNA protection activity of the recombinant protein. <i>Developmental and Comparative Immunology</i> , <b>2012</b> , 36, 85-92	3.2	25
252	Heparin cofactor II (RbHCII) from rock bream ( <i>Oplegnathus fasciatus</i> ): molecular characterization, cloning and expression analysis. <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 30, 194-208	4.3	25
251	Expression of superoxide dismutase (SOD) genes from the copper-exposed polychaete, <i>Neanthes succinea</i> . <i>Marine Pollution Bulletin</i> , <b>2011</b> , 63, 277-86	6.7	25



250	Molecular characterization, gene expression analysis and biochemical properties of alpha-amylase from the disk abalone, <i>Haliotis discus discus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2009</b> , 152, 271-81	2.3	25
249	A novel Fas ligand in mollusk abalone: molecular characterization, immune responses and biological activity of the recombinant protein. <i>Fish and Shellfish Immunology</i> , <b>2009</b> , 27, 423-32	4.3	25
248	Antibacterial activity and immune responses of a molluscan macrophage expressed gene-1 from disk abalone, <i>Haliotis discus discus</i> . <i>Fish and Shellfish Immunology</i> , <b>2014</b> , 39, 263-72	4.3	24
247	Immune response-related gene expression profile of a novel molluscan IB protein member from Manila clam ( <i>Ruditapes philippinarum</i> ). <i>Molecular Biology Reports</i> , <b>2013</b> , 40, 1519-27	2.8	24
246	Evidences for the involvement of an invertebrate goose-type lysozyme in disk abalone immunity: cloning, expression analysis and antimicrobial activity. <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 35, 1369-79	4.3	24
245	First molluscan theta-class Glutathione S-Transferase: identification, cloning, characterization and transcriptional analysis post immune challenges. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2012</b> , 162, 10-23	2.3	24
244	Molecular and biochemical modulation of heat shock protein 20 (Hsp20) gene by temperature stress and hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> ) in the monogonont rotifer, <i>Brachionus</i> sp. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2011</b> , 154, 19-27	3.2	24
243	Molecular cloning, overexpression, and enzymatic characterization of glycosyl hydrolase family 16 $\alpha$ -Agarase from marine bacterium <i>Saccharophagus</i> sp. AG21 in <i>Escherichia coli</i> . <i>Journal of Microbiology and Biotechnology</i> , <b>2013</b> , 23, 913-22	3.3	24
242	Ferritin H-like subunit from Manila clam ( <i>Ruditapes philippinarum</i> ): molecular insights as a potent player in host antibacterial defense. <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 33, 926-36	4.3	23
241	Caspase 3 from rock bream ( <i>Oplegnathus fasciatus</i> ): genomic characterization and transcriptional profiling upon bacterial and viral inductions. <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 33, 99-110	4.3	23
240	Molecular and biochemical characterizations of a novel arthropod endo-beta-1,3-glucanase from the Antarctic springtail, <i>Cryptopygus antarcticus</i> , horizontally acquired from bacteria. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2010</b> , 155, 403-12	2.3	23
239	Dieckol rescues mice from lethal irradiation by accelerating hemopoiesis and curtailing immunosuppression. <i>International Journal of Radiation Biology</i> , <b>2010</b> , 86, 848-59	2.9	23
238	The effect of LED light spectra on antioxidant system by thermal stress in goldfish, <i>Carassius auratus</i> . <i>Molecular and Cellular Toxicology</i> , <b>2014</b> , 10, 47-58	1.6	22
237	A C1 inhibitor ortholog from rock bream ( <i>Oplegnathus fasciatus</i> ): molecular perspectives of a central regulator in terms of its genomic arrangement, transcriptional profiles and anti-protease activities of recombinant peptide. <i>Developmental and Comparative Immunology</i> , <b>2014</b> , 42, 197-210	3.2	22
236	Expression of aquaporin-3 and -8 mRNAs in the parr and smolt stages of sockeye salmon, <i>Oncorhynchus nerka</i> : effects of cortisol treatment and seawater acclimation. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2013</b> , 165, 228-36	2.6	22
235	Response of glutathione S-transferase (GST) genes to cadmium exposure in the marine pollution indicator worm, <i>Perinereis nuntia</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2011</b> , 154, 82-92	3.2	22
234	Molecular characterization and expression of vitellogenin (Vg) genes from the cyclopoid copepod, <i>Paracyclops nana</i> exposed to heavy metals. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2010</b> , 151, 360-8	3.2	22
233	Functional roles of individual recombinase monomers in strand breakage and strand union during site-specific DNA recombination. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 23203-11	5.4	22

232	In vitro and in vivo antifungal efficacy of plant based lawsone against <i>Fusarium oxysporum</i> species complex. <i>Microbiological Research</i> , <b>2017</b> , 201, 21-29	5.3	21
231	Isolated from Rainbow Trout in Korea: Characterization, Anti- Activity and Host Pathogen Interaction in Zebrafish Disease Model. <i>Mycobiology</i> , <b>2017</b> , 45, 297-311	1.7	21
230	Two carboxypeptidase counterparts from rock bream ( <i>Oplegnathus fasciatus</i> ): molecular characterization, genomic arrangement and immune responses upon pathogenic stresses. <i>Veterinary Immunology and Immunopathology</i> , <b>2014</b> , 162, 180-91	2	21
229	Indian hedgehog B function is required for the specification of oligodendrocyte progenitor cells in the zebrafish CNS. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 1728-33	6.6	21
228	First molluscan transcription factor activator protein-1 (Ap-1) member from disk abalone and its expression profiling against immune challenge and tissue injury. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 29, 1028-36	4.3	21
227	ANTIOXIDANT POTENTIAL OF EEL ( <i>ANGUILLA JAPONICA</i> AND <i>CONGER MYRIASTER</i> ) FLESH AND SKIN. <i>Journal of Food Lipids</i> , <b>2005</b> , 12, 34-47		21
226	Transcriptional analysis of disk abalone ( <i>Haliotis discus discus</i> ) antioxidant enzymes against marine bacteria and virus challenge. <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 31, 155-60	4.3	20
225	Structural alterations and conformational dynamics in Holliday junctions induced by binding of a site-specific recombinase. <i>Molecular Cell</i> , <b>1998</b> , 1, 483-93	17.6	20
224	Green synthesis, physio-chemical characterization and anti-candidal function of a biocompatible chitosan gold nanocomposite as a promising antifungal therapeutic agent. <i>RSC Advances</i> , <b>2017</b> , 7, 9182-9193	3.7	19
223	Functional characterization of the evolutionarily preserved mitochondrial antiviral signaling protein (MAVS) from rock bream, <i>Oplegnathus fasciatus</i> . <i>Fish and Shellfish Immunology</i> , <b>2014</b> , 40, 399-406	4.3	19
222	Mitochondrial peroxiredoxin 3 (Prx3) from rock bream ( <i>Oplegnathus fasciatus</i> ): immune responses and role of recombinant Prx3 in protecting cells from hydrogen peroxide induced oxidative stress. <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 43, 131-41	4.3	19
221	Mitochondrial thioredoxin-2 from Manila clam ( <i>Ruditapes philippinarum</i> ) is a potent antioxidant enzyme involved in antibacterial response. <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 32, 513-23	4.3	19
220	Novel omega glutathione S-transferases in disk abalone: Characterization and protective roles against environmental stress. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2009</b> , 150, 558-68	3.2	19
219	A teleostan homolog of catalase from black rockfish ( <i>Sebastes schlegelii</i> ): insights into functional roles in host antioxidant defense and expressional responses to septic conditions. <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 44, 321-31	4.3	18
218	Molecular insights of the first gastropod TLR counterpart from disk abalone ( <i>Haliotis discus discus</i> ), revealing its transcriptional modulation under pathogenic stress. <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 35, 334-42	4.3	18
217	Two duplicated chicken-type lysozyme genes in disc abalone <i>Haliotis discus discus</i> : molecular aspects in relevance to structure, genomic organization, mRNA expression and bacteriolytic function. <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 35, 284-99	4.3	18
216	Manganese-superoxide dismutase (MnSOD), a role player in seahorse ( <i>Hippocampus abdominalis</i> ) antioxidant defense system and adaptive immune system. <i>Fish and Shellfish Immunology</i> , <b>2017</b> , 68, 435-442	4.3	18
215	Chitosan silver nanocomposite (CAgNC) as an antifungal agent against <i>Candida albicans</i> . <i>Medical Mycology</i> , <b>2017</b> , 55, 213-222	3.9	18

214	Microarray analysis of gene expression in disk abalone <i>Haliotis discus discus</i> after bacterial challenge. <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 30, 661-73	4.3	18
213	Modulation of p53 gene expression in the intertidal copepod <i>Tigriopus japonicus</i> exposed to alkylphenols. <i>Marine Environmental Research</i> , <b>2010</b> , 69 Suppl, S77-80	3.3	18
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2	The Molecular Profiling of a Teleostan Counterpart of Follistatin, Identified from Rock Bream <i>Oplegnathus fasciatus</i> which Reveals its Transcriptional Responses against Pathogenic Stress. <i>Fisheries and Aquatic Sciences</i> , <b>2015</b> , 18, 273-281	2.9	
1	Molecular characterization and expressional analysis of two poly (ADP-ribose) polymerase (PARP) domain-containing Gig2 isoforms in rockfish ( <i>Sebastes schlegelii</i> ) and their antiviral activity against viral hemorrhagic septicemia virus. <i>Fish and Shellfish Immunology</i> , <b>2021</b> , 118, 219-227	4.3	