

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.

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	Modulation of fish immune response by interferon regulatory factor 4 in redlip mullet (<i>Liza haematocheilus</i>): Delineation through expression profiling, antiviral assay, and macrophage polarization analysis.. <i>Developmental and Comparative Immunology</i> , 2022 , 104356	3.2	0
320	Molecular characterization and expression profiling of tandem-repeat galectin-8 from red-spotted grouper (<i>Epinephelus akaara</i>): Potential antibacterial, antiviral, and wound healing activities.. <i>Fish and Shellfish Immunology</i> , 2022 , 121, 86-98	4.3	0
319	Molecular characterization, immune responses, and functional activities of manganese superoxide dismutase in disk abalone (<i>Haliotis discus discus</i>). <i>Developmental and Comparative Immunology</i> , 2022 , 127, 104299	3.2	
318	PDI family thioredoxin from disk abalone (<i>Haliotis discus discus</i>): Responses to stimulants (PAMPs, bacteria, and viral) and functional characterization. <i>Fish and Shellfish Immunology</i> , 2021 , 120, 261-270	4.3	0
317	Multiplex PCR method for distinguishing two genotypes of Megalocytivirus isolates in Korea. <i>Aquaculture Reports</i> , 2021 , 21, 100886	2.3	
316	Identification and molecular profiling of a novel homolog of cystatin C from rock bream (<i>Oplegnathus fasciatus</i>) evidencing its transcriptional sensitivity to pathogen infections. <i>Molecular Biology Reports</i> , 2021 , 48, 4933-4942	2.8	0
315	Infection dynamics of <i>Enteromyxum leei</i> (Myxozoa, Myxosporidia) in culture water and its effects on cultured olive flounder, <i>Paralichthys olivaceus</i> (Temminck & Schlegel). <i>Journal of Fish Diseases</i> , 2021 , 44, 1475-1479	2.6	0
314	The possible role of catalase in innate immunity and diminution of cellular oxidative stress: Insights into its molecular characteristics, antioxidant activity, DNA protection, and transcriptional regulation in response to immune stimuli in yellowtail clownfish (<i>Amphiprion clarkii</i>). <i>Fish and Shellfish Immunology</i> , 2021 , 113, 106-117	4.3	6
313	A newly discovered teleost disulfide isomerase, thioredoxin domain containing 5 (TXNDC5), from big-belly seahorse (<i>Hippocampus abdominalis</i>): Insights into its molecular and functional properties and immune regulatory functions. <i>Developmental and Comparative Immunology</i> , 2021 , 114, 103827	3.2	0
312	Transcription profile, NF- κ B promoter activation, and antiviral activity of <i>Amphiprion clarkii</i> Akirin-2. <i>Fish and Shellfish Immunology</i> , 2021 , 108, 14-23	4.3	1
311	Molecular profiling and functional delineation of peroxiredoxin 3 (HaPrx3) from the big-belly seahorses (<i>Hippocampus abdominalis</i>) and understanding their immunological responses. <i>Gene</i> , 2021 , 771, 145350	3.8	1
310	Glutathione-S-transferase alpha-4 in <i>Hippocampus abdominalis</i> (big-belly seahorse): Molecular characterization, antioxidant properties, and its potent immune response. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021 , 240, 108917	3.2	2
309	Molecular characterization, immune and xenobiotic responses of glutathione S-transferase omega 1 from the big-belly seahorse: Novel insights into antiviral defense. <i>Fish and Shellfish Immunology</i> , 2021 , 109, 62-70	4.3	0
308	Molecular characterization and immune regulatory, antioxidant, and antiapoptotic activities of thioredoxin domain-containing protein 17 (TXNDC17) in yellowtail clownfish (<i>Amphiprion clarkii</i>). <i>Fish and Shellfish Immunology</i> , 2021 , 115, 75-85	4.3	1
307	A copper-zinc-superoxide dismutase (CuZnSOD) from redlip mullet, <i>Liza haematocheila</i> : Insights to its structural characteristics, immune responses, antioxidant activity, and potent antibacterial properties. <i>Developmental and Comparative Immunology</i> , 2021 , 123, 104165	3.2	2
306	Immune responses, subcellular localization, and antiviral activity of interferon-induced protein 35 (IFP35) in rock bream (<i>Oplegnathus fasciatus</i>). <i>Developmental and Comparative Immunology</i> , 2021 , 123, 104142	3.2	1
305	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> , 2021 , 118, 219-227	4.3	

304	Identification, molecular characterization, expression analysis and wound-healing ability of multifunctional calreticulin from big-belly seahorse <i>Hippocampus abdominalis</i> . <i>Fish and Shellfish Immunology</i> , 2020 , 106, 410-420	4.3	
303	Structural and functional analysis of three IB kinases (IKK) in disk abalone (<i>Haliotis discus discus</i>): Investigating their role in the innate immune responses. <i>Fish and Shellfish Immunology</i> , 2020 , 103, 111-125	4.3	2
302	Identification and characterization of cystatin B from black rockfish, <i>Sebastes schlegelii</i> , indicating its potent immunological importance. <i>Fish and Shellfish Immunology</i> , 2020 , 104, 497-505	4.3	7
301	Molecular and functional insights into a novel teleost malectin from big-belly seahorse <i>Hippocampus abdominalis</i> . <i>Fish and Shellfish Immunology</i> , 2020 , 99, 483-494	4.3	1
300	Molecular and functional explication of thioredoxin mitochondrial-like protein (Trx-2) from big-belly seahorse (<i>Hippocampus abdominalis</i>) and expression upon immune provocation. <i>Fish and Shellfish Immunology</i> , 2020 , 99, 495-504	4.3	6
299	Characterization and expression analysis of rockfish (<i>Sebastes schlegelii</i>) myeloid differentiation factor-88 (SsMyD88) and evaluation of its ability to induce inflammatory cytokines through NF- κ B. <i>Fish and Shellfish Immunology</i> , 2020 , 99, 59-72	4.3	2
298	Expression, subcellular localization, and potential antiviral function of three interferon regulatory factors in the big-belly seahorse (<i>Hippocampus abdominalis</i>). <i>Fish and Shellfish Immunology</i> , 2020 , 96, 297-310	4.3	2
297	Comparative Characterization of Two Homologs in : Genomic, Transcriptional and Functional Analyses. <i>Biomolecules</i> , 2020 , 10,	5.9	2
296	Molecular and functional characterization of a mitochondrial glutathione reductase homolog from redlip mullet (<i>Liza haematocheila</i>): Disclosing its antioxidant properties in the fish immune response mechanism. <i>Developmental and Comparative Immunology</i> , 2020 , 113, 103785	3.2	3
295	Molecular expression analysis and characterization of rockfish (<i>Sebastes schlegelii</i>) B cell activating factor. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020 , 250, 110480	2.3	3
294	Quadruple domain-containing galectin from marine invertebrate disk abalone (<i>Haliotis discus discus</i>): Molecular perspectives in early development, immune expression, and potent antiviral responses. <i>Fish and Shellfish Immunology</i> , 2020 , 106, 920-929	4.3	2
293	Molecular characterization, redox regulation, and immune responses of monothiol and dithiol glutaredoxins from disk abalone (<i>Haliotis discus discus</i>). <i>Fish and Shellfish Immunology</i> , 2020 , 107, 385-394	4.3	0
292	Molecular insights into peroxiredoxin 4 (HaPrx4) from the big-belly seahorse (<i>Hippocampus abdominalis</i>): Molecular characteristics, functional activity and transcriptional responses against immune stimulants. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020 , 250, 110481	2.3	1
291	Molecular characterization and expression analysis of rockfish (<i>Sebastes schlegelii</i>) viperin, and its ability to enervate RNA virus transcription and replication in vitro. <i>Fish and Shellfish Immunology</i> , 2019 , 92, 655-666	4.3	10
290	Molecular characterization and functional analysis of glutathione S-transferase kappa 1 (GST κ) from the big belly seahorse (<i>Hippocampus abdominalis</i>): Elucidation of its involvement in innate immune responses. <i>Fish and Shellfish Immunology</i> , 2019 , 92, 356-366	4.3	10
289	Immune and xenobiotic responses of glutathione S-Transferase theta (GST θ) from marine invertebrate disk abalone (<i>Haliotis discus discus</i>): With molecular characterization and functional analysis. <i>Fish and Shellfish Immunology</i> , 2019 , 91, 159-171	4.3	8
288	Glutaredoxin 1 from big-belly seahorse (<i>Hippocampus abdominalis</i>): Molecular, transcriptional, and functional evidence in teleost immune responses. <i>Fish and Shellfish Immunology</i> , 2019 , 90, 40-51	4.3	1
287	Cloning and functional characterization of rockfish peroxiredoxin 4 homolog with its innate immune responses. <i>Fish and Shellfish Immunology</i> , 2019 , 88, 364-374	4.3	5

286	Molecular cloning, characterization, and expression level analysis of a marine teleost homolog of catalase from big belly seahorse (<i>Hippocampus abdominalis</i>). <i>Fish and Shellfish Immunology</i> , 2019 , 89, 647-659	4.3	6
285	Molecular characterization, host defense mechanisms, and functional analysis of ERp44 from big-belly seahorse: A novel member of the teleost thioredoxin family present in the endoplasmic reticulum. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019 , 233, 234-244	2.3	3
284	Insight into the molecular function and transcriptional regulation of activator protein 1 (AP-1) components c-Jun/c-Fos ortholog in red lip mullet (<i>Liza haematocheila</i>). <i>Fish and Shellfish Immunology</i> , 2019 , 93, 597-611	4.3	7
283	Characterization of a catalase from red-lip mullet (<i>Liza haematocheila</i>): Demonstration of antioxidative activity and mRNA upregulation in response to immunostimulants. <i>Gene</i> , 2019 , 712, 143945	3.8	5
282	Molecular, transcriptional and functional delineation of Galectin-8 from black rockfish (<i>Sebastes schlegelii</i>) and its potential immunological role. <i>Fish and Shellfish Immunology</i> , 2019 , 93, 449-462	4.3	13
281	Identification of <i>Vibrio</i> species isolated from cultured olive flounder (<i>Paralichthys olivaceus</i>) in Jeju Island, South Korea. <i>Fisheries and Aquatic Sciences</i> , 2019 , 22,	2.9	8
280	Glutaredoxin 2 from big belly seahorse (<i>Hippocampus abdominalis</i>) and its potential involvement in cellular redox homeostasis and host immune responses. <i>Fish and Shellfish Immunology</i> , 2019 , 95, 411-424	4.3	1
279	Identification of thioredoxin domain-containing protein 17 from big-belly seahorse <i>Hippocampus abdominalis</i> : Molecular insights, immune responses, and functional characterization. <i>Fish and Shellfish Immunology</i> , 2019 , 86, 301-310	4.3	5
278	Quantitative investigation of <i>Enteromyxum leei</i> (Myxozoa: Myxosporea) infection and relative condition factor in cultured olive flounder <i>Paralichthys olivaceus</i> (Temminck and Schlegel). <i>Journal of Fish Diseases</i> , 2019 , 42, 159-165	2.6	2
277	Stress-immune responses and DNA protection function of thioredoxin domain containing 12 in zebrafish (<i>Danio rerio</i>). <i>Fish and Shellfish Immunology</i> , 2019 , 84, 1030-1040	4.3	0
276	Transcriptome-wide identification, functional characterization, and expression analysis of two novel invertebrate-type Toll-like receptors from disk abalone (<i>Haliotis discus discus</i>). <i>Fish and Shellfish Immunology</i> , 2019 , 84, 802-815	4.3	12
275	Identification and characterization of a carboxypeptidase N1 from red lip mullet (<i>Liza haematocheila</i>); revealing its immune relevance. <i>Fish and Shellfish Immunology</i> , 2019 , 84, 223-232	4.3	1
274	A manganese superoxide dismutase (MnSOD) from red lip mullet, <i>Liza haematocheila</i> : Evaluation of molecular structure, immune response, and antioxidant function. <i>Fish and Shellfish Immunology</i> , 2019 , 84, 73-82	4.3	7
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> , 2018 , 76, 240-246	4.3	31
272	Transcriptional profiling, molecular cloning, and functional analysis of C1 inhibitor, the main regulator of the complement system in black rockfish, <i>Sebastes schlegelii</i> . <i>Fish and Shellfish Immunology</i> , 2018 , 75, 263-273	4.3	4
271	Molecular characterization of kappa class glutathione S-transferase from the disk abalone (<i>Haliotis discus discus</i>) and changes in expression following immune and stress challenges. <i>Fish and Shellfish Immunology</i> , 2018 , 77, 252-263	4.3	16
270	Antioxidative properties and structural features of atypical 2-Cys peroxiredoxin from <i>Sebastes schlegelii</i> . <i>Developmental and Comparative Immunology</i> , 2018 , 82, 152-164	3.2	4
269	Characterization of a Kazal-type serine protease inhibitor from black rockfish <i>Sebastes schlegelii</i> and its possible role in hepatic immune response. <i>Fish and Shellfish Immunology</i> , 2018 , 74, 485-490	4.3	8

268	Molecular diagnostics for verifying an etiological agent of emaciation disease in cultured olive flounder <i>Paralichthys olivaceus</i> in Korea. <i>Aquaculture</i> , 2018 , 493, 18-25	4.4	7
267	A comparative study of three akirin genes from big belly seahorse <i>Hippocampus abdominalis</i> : Molecular, transcriptional and functional characterization. <i>Fish and Shellfish Immunology</i> , 2018 , 74, 584-592	4.3	5
266	Molecular identification and functional analysis of two variants of myeloid differentiation factor 88 (MyD88) from disk abalone (<i>Haliotis discus discus</i>). <i>Developmental and Comparative Immunology</i> , 2018 , 79, 113-127	3.2	14
265	Membrane attack complex-associated molecules from redlip mullet (<i>Liza haematocheila</i>): Molecular characterization and transcriptional evidence of C6, C7, C8 and C9 in innate immunity. <i>Fish and Shellfish Immunology</i> , 2018 , 81, 1-9	4.3	11
264	Insights into the multifunctional role of natural killer enhancing factor-A (NKEF-A/Prx1) in big-belly seahorse (<i>Hippocampus abdominalis</i>): DNA protection, insulin reduction, HO scavenging, and immune modulation activity. <i>Gene</i> , 2018 , 642, 324-334	3.8	9
263	Molecular features and the transcriptional and functional delineation of complement system activators C1r and C1s from <i>Sebastes schlegelii</i> . <i>Developmental and Comparative Immunology</i> , 2018 , 81, 279-290	3.2	1
262	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> , 2018 , 108, 1281-1288	7.9	51
261	Identification and characterization of a calcium-dependent lily-type lectin from black rockfish (<i>Sebastes schlegelii</i>): Molecular antennas are involved in host defense via pathogen recognition. <i>Developmental and Comparative Immunology</i> , 2018 , 81, 54-62	3.2	13
260	Identification and characterization of molluscan caveolin-1 ortholog from <i>Haliotis discus discus</i> : Possible involvement in embryogenesis and host defense mechanism against pathogenic stress. <i>Gene Expression Patterns</i> , 2018 , 27, 85-92	1.5	1
259	Two metalloenzymes from rockfish (<i>Sebastes schlegelii</i>): Deciphering their potential involvement in redox homeostasis against oxidative stress. <i>Fish and Shellfish Immunology</i> , 2018 , 80, 31-45	4.3	2
258	Complete genome sequence and phylogenetic analysis of spring viremia of carp virus isolated from leather carp (<i>Cyprinus carpio nudus</i>) in Korea in 2016. <i>Archives of Virology</i> , 2018 , 163, 2917-2919	2.6	4
257	Natural bixin as a potential carotenoid for enhancing pigmentation and colour in goldfish (<i>Carassius auratus</i>). <i>Aquaculture Nutrition</i> , 2017 , 23, 255-263	3.2	8
256	Identification of a gene encoding a membrane-anchored toll-like receptor 5 (TLR5M) in <i>Oplegnathus fasciatus</i> that responds to flagellin challenge and activates NF- κ B. <i>Fish and Shellfish Immunology</i> , 2017 , 62, 276-290	4.3	12
255	A homolog of teleostean signal transducer and activator of transcription 3 (STAT3) from rock bream, <i>Oplegnathus fasciatus</i> : Structural insights, transcriptional modulation, and subcellular localization. <i>Veterinary Immunology and Immunopathology</i> , 2017 , 186, 29-40	2	3
254	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> , 2017 , 7, 9182-9193	3.7	19
253	Molecular cloning, transcriptional profiling, and subcellular localization of signal transducer and activator of transcription 2 (STAT2) ortholog from rock bream, <i>Oplegnathus fasciatus</i> . <i>Gene</i> , 2017 , 626, 95-105	3.8	3
252	Metagenomics analysis of gut microbiota and immune modulation in zebrafish (<i>Danio rerio</i>) fed chitosan silver nanocomposites. <i>Fish and Shellfish Immunology</i> , 2017 , 66, 173-184	4.3	57
251	In vitro and in vivo antifungal efficacy of plant based lawsone against <i>Fusarium oxysporum</i> species complex. <i>Microbiological Research</i> , 2017 , 201, 21-29	5.3	21

250	Molecular, transcriptional and functional insights into duplicated goose-type lysozymes from <i>Sebastes schlegelii</i> and their potential immunological role. <i>Fish and Shellfish Immunology</i> , 2017 , 67, 66-77	4.3	8
249	Protective immunity against Megalocytivirus infection in rock bream (<i>Oplegnathus fasciatus</i>) following CpG ODN administration. <i>Vaccine</i> , 2017 , 35, 3691-3699	4.1	13
248	Two distinct CXC chemokine receptors (CXCR3 and CXCR4) from the big-belly seahorse <i>Hippocampus abdominalis</i> : Molecular perspectives and immune defensive role upon pathogenic stress. <i>Fish and Shellfish Immunology</i> , 2017 , 65, 59-70	4.3	10
247	A proto-type galectin-2 from rock bream (<i>Oplegnathus fasciatus</i>): Molecular, genomic, and expression analysis, and recognition of microbial pathogens by recombinant protein. <i>Developmental and Comparative Immunology</i> , 2017 , 71, 70-81	3.2	8
246	Molecular identification and functional delineation of a glutathione reductase homolog from disk abalone (<i>Haliotis discus discus</i>): Insights as a potent player in host antioxidant defense. <i>Fish and Shellfish Immunology</i> , 2017 , 60, 355-367	4.3	5
245	Preparation, Characterization, and Antimicrobial Properties of Chitosan-Silver Nanocomposites Films Against Fish Pathogenic Bacteria and Fungi. <i>Indian Journal of Microbiology</i> , 2017 , 57, 427-437	3.7	10
244	Molecular insights of two STAT1 variants from rock bream (<i>Oplegnathus fasciatus</i>) and their transcriptional regulation in response to pathogenic stress, interleukin-10, and tissue injury. <i>Fish and Shellfish Immunology</i> , 2017 , 69, 128-141	4.3	5
243	Rock bream iridovirus (RBIV) replication in rock bream (<i>Oplegnathus fasciatus</i>) exposed for different time periods to susceptible water temperatures. <i>Fish and Shellfish Immunology</i> , 2017 , 70, 731-733	4.3	13
242	Identification and molecular profiling of DC-SIGN-like from big belly seahorse (<i>Hippocampus abdominalis</i>) inferring its potential relevancy in host immunity. <i>Developmental and Comparative Immunology</i> , 2017 , 77, 270-279	3.2	3
241	Molecular cloning, biochemical characterization, and expression analysis of two glutathione S-transferase paralogs from the big-belly seahorse (<i>Hippocampus abdominalis</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017 , 214, 1-11	2.3	9
240	Molecular, structural, and functional comparison of N lobe and C lobe of the transferrin from rock bream, <i>Oplegnathus fasciatus</i> , with respect to its immune response. <i>Fish and Shellfish Immunology</i> , 2017 , 68, 299-309	4.3	7
239	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> , 2017 , 68, 435-442	4.2	18
238	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> , 2017 , 105, 478-488	7.9	56
237	A cysteine protease (cathepsin Z) from disk abalone, <i>Haliotis discus discus</i> : Genomic characterization and transcriptional profiling during bacterial infections. <i>Gene</i> , 2017 , 627, 500-507	3.8	8
236	A CXCL ortholog from <i>Hippocampus abdominalis</i> : Molecular features and functional delineation as a pro-inflammatory chemokine. <i>Fish and Shellfish Immunology</i> , 2017 , 67, 218-227	4.3	4
235	Comparative analysis of two thioredoxin-like genes in black rockfish <i>Sebastes schlegelii</i> and their possible involvement in redox homeostasis and innate immune responses. <i>Developmental and Comparative Immunology</i> , 2017 , 67, 43-56	3.2	8
234	Feeding of nano scale oats β -glucan enhances the host resistance against <i>Edwardsiella tarda</i> and protective immune modulation in zebrafish larvae. <i>Fish and Shellfish Immunology</i> , 2017 , 60, 72-77	4.3	34
233	Chitosan silver nanocomposite (CAgNC) as an antifungal agent against <i>Candida albicans</i> . <i>Medical Mycology</i> , 2017 , 55, 213-222	3.9	18

232	Molecular characterization of a bactericidal permeability-increasing protein/lipopolysaccharide-binding protein from black rockfish (<i>Sebastes schlegelii</i>): Deciphering its putative antibacterial role. <i>Developmental and Comparative Immunology</i> , 2017 , 67, 266-275	3.2	6
231	Molecular identification of disk abalone (<i>Haliotis discus discus</i>) tetraspanin 33 and CD63: Insights into potent players in the disk abalone host defense system. <i>Fish and Shellfish Immunology</i> , 2017 , 69, 173-184	4.3	8
230	Isolated from Rainbow Trout in Korea: Characterization, Anti- Activity and Host Pathogen Interaction in Zebrafish Disease Model. <i>Mycobiology</i> , 2017 , 45, 297-311	1.7	21
229	Antimicrobial effects of chitosan silver nano composites (CAGNCs) on fish pathogenic <i>Aliivibrio</i> (<i>Vibrio</i>) <i>salmonicida</i> . <i>Aquaculture</i> , 2016 , 450, 422-430	4.4	39
228	Characterization of a 1-cysteine peroxiredoxin from big-belly seahorse (<i>Hippocampus abdominalis</i>); insights into host antioxidant defense, molecular profiling and its expressional response to septic conditions. <i>Fish and Shellfish Immunology</i> , 2016 , 57, 186-197	4.3	8
227	Mitogen-activated protein kinase 1 from disk abalone (<i>Haliotis discus discus</i>): Roles in early development and immunity-related transcriptional responses. <i>Fish and Shellfish Immunology</i> , 2016 , 59, 57-65	4.3	3
226	Molecular characterization, transcriptional profiling, and antibacterial potential of G-type lysozyme from seahorse (<i>Hippocampus abdominalis</i>). <i>Fish and Shellfish Immunology</i> , 2016 , 58, 622-630	4.3	14
225	A molluscan calreticulin ortholog from <i>Haliotis discus discus</i> : Molecular characterization and transcriptional evidence for its role in host immunity. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 474, 43-50	3.4	3
224	Comparative study of preparation, characterization and anticandidal activities of a chitosan silver nanocomposite (CAGNC) compared with low molecular weight chitosan (LMW-chitosan). <i>RSC Advances</i> , 2016 , 6, 33455-33461	3.7	10
223	Antimicrobial response of galectin-1 from rock bream <i>Oplegnathus fasciatus</i> : Molecular, transcriptional, and biological characterization. <i>Fish and Shellfish Immunology</i> , 2016 , 50, 66-78	4.3	15
222	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> , 2016 , 49, 450-60	4.3	27
221	Molecular characterization and comparative expression analysis of two teleostean pro-inflammatory cytokines, IL-1 and IL-8, from <i>Sebastes schlegelii</i> . <i>Gene</i> , 2016 , 575, 732-42	3.8	28
220	Molecular, genomic, and expressional delineation of a piscidin from rock bream (<i>Oplegnathus fasciatus</i>) with evidence for the potent antimicrobial activities of Of-Pis1 peptide. <i>Fish and Shellfish Immunology</i> , 2016 , 48, 154-68	4.3	14
219	Profiles of teleost DNA fragmentation factor alpha and beta from rock bream (<i>Oplegnathus fasciatus</i>): molecular characterization and genomic structure and gene expression in immune stress. <i>Genes and Genomics</i> , 2016 , 38, 193-204	2.1	2
218	Low pathogenicity of flounder iridovirus (FLIV) and the absence of cross-protection between FLIV and rock bream iridovirus. <i>Journal of Fish Diseases</i> , 2016 , 39, 1325-1333	2.6	14
217	An invertebrate signal transducer and activator of transcription 5 (STAT5) ortholog from the disk abalone, <i>Haliotis discus discus</i> : Genomic structure, early developmental expression, and immune responses to bacterial and viral stresses. <i>Developmental and Comparative Immunology</i> , 2016 , 56, 46-56	3.2	6
216	A galectin related protein from <i>Oplegnathus fasciatus</i> : Genomic, molecular, transcriptional features and biological responses against microbial pathogens. <i>Developmental and Comparative Immunology</i> , 2016 , 56, 13-24	3.2	11
215	Characterization of a nucleotide-oligomerization domain (NOD) like receptor C5 (NLRC5) subfamily member from black rockfish (<i>Sebastes schlegelii</i>), portraying its transcriptional responses against immune stimulants. <i>Genes and Genomics</i> , 2016 , 38, 303-310	2.1	4

214	Thioredoxin domain-containing protein 12 from <i>Oplegnathus fasciatus</i> : Molecular characterization, expression against immune stimuli, and biological activities related to oxidative stress. <i>Fish and Shellfish Immunology</i> , 2016 , 54, 11-21	4.3	4
213	A thioredoxin domain-containing protein 12 from black rockfish <i>Sebastes schlegelii</i> : Responses to immune challenges and protection from apoptosis against oxidative stress. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016 , 185-186, 29-37	3.2	10
212	Molecular characterization and expression analysis of B cell activating factor from rock bream (<i>Oplegnathus fasciatus</i>). <i>Developmental and Comparative Immunology</i> , 2016 , 55, 1-11	3.2	11
211	Complement factor D homolog involved in the alternative complement pathway of rock bream (<i>Oplegnathus fasciatus</i>): Molecular and functional characterization and immune responsive mRNA expression analysis. <i>Fish and Shellfish Immunology</i> , 2016 , 55, 423-33	4.3	3
210	Molecular structure and immune-stimulated transcriptional modulation of the first teleostean IFP35 counterpart from rockfish (<i>Sebastes schlegelii</i>). <i>Fish and Shellfish Immunology</i> , 2016 , 56, 496-505	4.3	7
209	Copper-zinc-superoxide dismutase (CuZnSOD), an antioxidant gene from seahorse (<i>Hippocampus abdominalis</i>); molecular cloning, sequence characterization, antioxidant activity and potential peroxidation function of its recombinant protein. <i>Fish and Shellfish Immunology</i> , 2016 , 57, 386-399	4.3	18
208	Molecular and functional characterization of caspase-8 from the big-belly seahorse (<i>Hippocampus abdominalis</i>). <i>Fish and Shellfish Immunology</i> , 2016 , 58, 650-662	4.3	8
207	Three novel C1q domain containing proteins from the disk abalone <i>Haliotis discus discus</i> : Genomic organization and analysis of the transcriptional changes in response to bacterial pathogens. <i>Fish and Shellfish Immunology</i> , 2016 , 56, 181-187	4.3	3
206	Comprehensive characterization of three glutathione S-transferase family proteins from black rockfish (<i>Sebastes schlegelii</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016 , 189, 31-43	3.2	8
205	A CXC chemokine gene, CXCL12, from rock bream, <i>Oplegnathus fasciatus</i> : Molecular characterization and transcriptional profile. <i>Fish and Shellfish Immunology</i> , 2015 , 45, 560-6	4.3	9
204	Molecular profiling and functional insights of rock bream (<i>Oplegnathus fasciatus</i>) thioredoxin reductase 3-like molecule: investigation of its transcriptional modulation in response to live pathogen stress. <i>Gene</i> , 2015 , 570, 122-31	3.8	2
203	Molecular delineation of a caspase 10 homolog from black rockfish (<i>Sebastes schlegelii</i>) and its transcriptional regulation in response to pathogenic stress. <i>Gene</i> , 2015 , 570, 288-94	3.8	4
202	Two variants of selenium-dependent glutathione peroxidase from the disk abalone <i>Haliotis discus discus</i> : Molecular characterization and immune responses to bacterial and viral stresses. <i>Fish and Shellfish Immunology</i> , 2015 , 45, 648-55	4.3	13
201	Generation of late-born neurons in the ventral spinal cord requires the coordination of retinoic acid and Notch signaling. <i>Neuroscience Letters</i> , 2015 , 602, 95-8	3.3	5
200	Molecular insights into a molluscan transferrin homolog identified from disk abalone (<i>Haliotis discus discus</i>) evidencing its detectable role in host antibacterial defense. <i>Developmental and Comparative Immunology</i> , 2015 , 53, 222-33	3.2	6
199	Identification of a myeloperoxidase-like ortholog from rock bream (<i>Oplegnathus fasciatus</i>), deciphering its transcriptional responses to induced pathogen stress. <i>Fish and Shellfish Immunology</i> , 2015 , 45, 477-85	4.3	4
198	A homolog of Kunitz-type serine protease inhibitor from rock bream, <i>Oplegnathus fasciatus</i> : Molecular insights and transcriptional modulation in response to microbial and PAMP stimulation, and tissue injury. <i>Fish and Shellfish Immunology</i> , 2015 , 46, 285-91	4.3	4
197	Three novel clade B serine protease inhibitors from disk abalone, <i>Haliotis discus discus</i> : Molecular perspectives and responses to immune challenges and tissue injury. <i>Fish and Shellfish Immunology</i> , 2015 , 45, 334-41	4.3	4

196	Molecular characterization, genomic structure and expressional profiles of a CXC chemokine receptor 4 (CXCR4) from rock bream <i>Oplegnathus fasciatus</i> . <i>Fish and Shellfish Immunology</i> , 2015 , 44, 471-7	4.3	12
195	Molecular profile and expressional modulation of a Toll like receptor-1 homolog from rock bream (<i>Oplegnathus fasciatus</i>). <i>Genes and Genomics</i> , 2015 , 37, 459-470	2.1	4
194	Molecular cloning, expression and functional characterization of a teleostan cytokine-induced apoptosis inhibitor from rock bream (<i>Oplegnathus fasciatus</i>). <i>Developmental and Comparative Immunology</i> , 2015 , 52, 48-57	3.2	4
193	A potential antioxidant enzyme belonging to the atypical 2-Cys peroxiredoxin subfamily characterized from rock bream, <i>Oplegnathus fasciatus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015 , 187, 1-13	2.3	16
192	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> , 2015 , 44, 321-31	4.3	18
191	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> , 2015 , 47, 331-43	4.3	28
190	First report on the gastropod proapoptotic AIF3 counterpart from disk abalone (<i>Haliotis discus discus</i>) deciphering its transcriptional modulation by induced pathogenic stress. <i>Fish and Shellfish Immunology</i> , 2015 , 47, 697-705	4.3	7
189	Identification of a C-reactive protein like homologue from black rockfish (<i>Sebastes schlegelii</i>) evidencing its potent anti-microbial properties at molecular level. <i>Developmental and Comparative Immunology</i> , 2015 , 53, 169-78	3.2	10
188	Characterization of rock bream (<i>Oplegnathus fasciatus</i>) complement components C1r and C1s in terms of molecular aspects, genomic modulation, and immune responsive transcriptional profiles following bacterial and viral pathogen exposure. <i>Fish and Shellfish Immunology</i> , 2015 , 46, 656-68	4.3	11
187	Molecular genomic- and transcriptional-aspects of a teleost TRAF6 homolog: Possible involvement in immune responses of <i>Oplegnathus fasciatus</i> against pathogens. <i>Fish and Shellfish Immunology</i> , 2015 , 42, 66-78	4.3	14
186	The GAL4 enhancer-trap line for analysis of definitive hematopoiesis in zebrafish. <i>Animal Cells and Systems</i> , 2015 , 19, 96-100	2.3	1
185	Molecular characterization of two immunity-related acute-phase proteins: Haptoglobin and serum amyloid A from black rockfish (<i>Sebastes schlegelii</i>). <i>Fish and Shellfish Immunology</i> , 2015 , 45, 680-8	4.3	14
184	Insights into molecular profiles and genomic evolution of an IRAK4 homolog from rock bream (<i>Oplegnathus fasciatus</i>): immunogen- and pathogen-induced transcriptional expression. <i>Fish and Shellfish Immunology</i> , 2015 , 43, 436-48	4.3	11
183	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> , 2015 , 43, 131-41	4.3	19
182	Genomic identification and spatial expression analysis of Rab-5C-like gene identified from rock bream (<i>Oplegnathus fasciatus</i>). <i>Hanguk Eobyeong Haghoeji</i> , 2015 , 28, 99-107		
181	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> , 2015 , 18, 273-281	2.9	
180	Up-regulation of the arginine vasotocin precursor gene from <i>Paralichthys olivaceus</i> : isolation and expression upon acute pathogen invasion. <i>Genes and Genomics</i> , 2014 , 36, 443-453	2.1	1
179	Effects of recombinant growth hormone on growth factor and immune component levels in the cinnamon clownfish, <i>Amphiprion melanopus</i> . <i>Marine Biology Research</i> , 2014 , 10, 472-481	1	3

178	Molecular characterization and transcriptional analysis of non-mammalian type Toll like receptor (TLR21) from rock bream (<i>Oplegnathus fasciatus</i>). <i>Gene</i> , 2014 , 553, 105-16	3.8	13
177	Functional characterization of the evolutionarily preserved mitochondrial antiviral signaling protein (MAVS) from rock bream, <i>Oplegnathus fasciatus</i> . <i>Fish and Shellfish Immunology</i> , 2014 , 40, 399-406	4.3	19
176	Structural and functional characterization of a novel molluscan ortholog of TRAF and TNF receptor-associated protein from disk abalone (<i>Haliotis discus discus</i>). <i>Fish and Shellfish Immunology</i> , 2014 , 40, 32-9	4.3	2
175	Molecular profile and functional characterization of the ferritin H subunit from rock bream (<i>Oplegnathus fasciatus</i>), revealing its putative role in host antioxidant and immune defense. <i>Developmental and Comparative Immunology</i> , 2014 , 47, 104-14	3.2	11
174	Molecular aspects, genomic arrangement and immune responsive mRNA expression profiles of two CXC chemokine receptor homologs (CXCR1 and CXCR2) from rock bream, <i>Oplegnathus fasciatus</i> . <i>Fish and Shellfish Immunology</i> , 2014 , 40, 304-18	4.3	13
173	Characterization of rock bream (<i>Oplegnathus fasciatus</i>) cytosolic Cu/Zn superoxide dismutase in terms of molecular structure, genomic arrangement, stress-induced mRNA expression and antioxidant function. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014 , 171, 18-22	2.3	15
172	Molecular characterization and expressional affirmation of the beta proteasome subunit cluster in rock bream immune defense. <i>Molecular Biology Reports</i> , 2014 , 41, 5413-27	2.8	5
171	Profiles of photosynthetic pigment accumulation and expression of photosynthesis-related genes in the marine cyanobacteria <i>Synechococcus</i> sp.: Effects of LED wavelengths. <i>Biotechnology and Bioprocess Engineering</i> , 2014 , 19, 250-256	3.1	10
170	The effect of LED light spectra on antioxidant system by thermal stress in goldfish, <i>Carassius auratus</i> . <i>Molecular and Cellular Toxicology</i> , 2014 , 10, 47-58	1.6	22
169	Identification of a novel molluscan short-type peptidoglycan recognition protein in disk abalone (<i>Haliotis discus discus</i>) involved in host antibacterial defense. <i>Fish and Shellfish Immunology</i> , 2014 , 39, 99-107	4.3	9
168	Genomic characterization of interferon regulatory factor 5 from rock bream (<i>Oplegnathus fasciatus</i>) and its role in antiviral defense. <i>Fish and Shellfish Immunology</i> , 2014 , 37, 256-67	4.3	11
167	A mu class glutathione S-transferase from Manila clam <i>Ruditapes philippinarum</i> (RpGST μ) cloning, mRNA expression, and conjugation assays. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014 , 162, 85-95	3.2	8
166	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> , 2014 , 39, 263-72	4.3	24
165	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> , 2014 , 42, 197-210	3.2	22
164	Molecular cloning, over-expression and enzymatic characterization of an endo-acting β 1,3-glucanase from marine bacterium <i>Mesoflavibacter zeaxanthinifaciens</i> S86 in <i>Escherichia coli</i> . <i>Ocean Science Journal</i> , 2014 , 49, 425-432	1.1	1
163	Two NF- κ B inhibitor- α (IB α) genes from rock bream (<i>Oplegnathus fasciatus</i>): molecular characterization, genomic organization and mRNA expression analysis after immune stimulation. <i>Fish and Shellfish Immunology</i> , 2014 , 41, 633-42	4.3	16
162	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> , 2014 , 162, 180-91	2	21
161	Effects of retinal light input on circadian rhythm genes in the yellowtail clownfish (<i>Amphiprion clarkii</i>) as determined using LED light spectra. <i>Biological Rhythm Research</i> , 2014 , 1-13	0.8	

160	Oligo-microarray analysis and identification of stress-immune response genes from manila clam (<i>Ruditapes philippinarum</i>) exposure to heat and cold stresses. <i>Molecular Biology Reports</i> , 2014 , 41, 6457-73	2.8	14
159	Molecular cloning and characterization of SOCS-2 from Manila clam <i>Ruditapes philippinarum</i> . <i>Fish and Shellfish Immunology</i> , 2014 , 36, 453-8	4.3	11
158	Genomic identification and molecular characterization of a non-mammalian TNFAIP8L2 gene from <i>Oplegnathus fasciatus</i> . <i>Gene</i> , 2014 , 542, 52-63	3.8	3
157	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> , 2014 , 37, 122-30	4.3	35
156	Effects of exogenous cortisol and seawater adaptation on thyroid hormone receptors in the smolt stage of the sockeye salmon, <i>Oncorhynchus nerka</i> . <i>Ichthyological Research</i> , 2014 , 61, 9-16	0.8	5
155	Identification and Molecular Characterization of Z/ZE Lineage MHC Class I Heavy Chain Homologue and β 2-microglobulin from Rock Bream <i>Oplegnathus fasciatus</i> . <i>Fish Pathology</i> , 2014 , 49, 93-112	0.8	6
154	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> , 2013 , 40, 1519-27	2.8	24
153	A teleostean counterpart of ferritin M subunit from rock bream (<i>Oplegnathus fasciatus</i>): an active constituent in iron chelation and DNA protection against oxidative damage, with a modulated expression upon pathogen stress. <i>Fish and Shellfish Immunology</i> , 2013 , 35, 1455-65	4.3	17
152	Expression profile of cystatin B ortholog from Manila clam (<i>Ruditapes philippinarum</i>) in host pathology with respect to its structural and functional properties. <i>Fish and Shellfish Immunology</i> , 2013 , 34, 1505-13	4.3	6
151	Identification and in silico analysis of a novel troponin C like gene from <i>Ruditapes philippinarum</i> (Bivalvia: Veneridae) and its transcriptional response for calcium challenge. <i>Gene</i> , 2013 , 519, 194-201	3.8	6
150	Genomic characterization, expression analysis, and antimicrobial function of a glyrichin homologue from rock bream, <i>Oplegnathus fasciatus</i> . <i>Fish and Shellfish Immunology</i> , 2013 , 35, 1406-15	4.3	6
149	Genomic characterization and expression analysis of complement component C_3 and C_4 in rock bream (<i>Oplegnathus fasciatus</i>). <i>Developmental and Comparative Immunology</i> , 2013 , 39, 279-92	3.2	12
148	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 & Integrative Physiology</i> , 2013 , 165, 228-36	2.6	22
147	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> , 2013 , 41, 282-94	3.2	25
146	Molecular cloning and expression of caspase-3 in the protandrous cinnamon clownfish, <i>Amphiprion melanopus</i> , during sex change. <i>Fish Physiology and Biochemistry</i> , 2013 , 39, 417-29	2.7	4
145	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> , 2013 , 34, 23-37	4.3	30
144	Structural characterization and expression analysis of a beta-thymosin homologue (T β) in disk abalone, <i>Haliotis discus discus</i> . <i>Gene</i> , 2013 , 527, 376-83	3.8	13
143	Molecular characterization and expression analysis of IB from <i>Haliotis discus discus</i> . <i>Fish and Shellfish Immunology</i> , 2013 , 34, 1596-604	4.3	9

142	Genomic characterization and transcriptional evidence for the involvement of complement component 7 in immune response of rock bream (<i>Oplegnathus fasciatus</i>). <i>Developmental and Comparative Immunology</i> , 2013 , 41, 44-9	3.2	13
141	Kazal-type proteinase inhibitor from disk abalone (<i>Haliotis discus discus</i>): molecular characterization and transcriptional response upon immune stimulation. <i>Fish and Shellfish Immunology</i> , 2013 , 35, 1039-43	4.3	9
140	Marine teleost ortholog of catalase from rock bream (<i>Oplegnathus fasciatus</i>): molecular perspectives from genomic organization to enzymatic behavior with respect to its potent antioxidant properties. <i>Fish and Shellfish Immunology</i> , 2013 , 35, 1086-96	4.3	11
139	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> , 2013 , 35, 1369-79	4.3	24
138	Genomic structure and immunological response of an STAT4 family member from rock bream (<i>Oplegnathus fasciatus</i>). <i>Fish and Shellfish Immunology</i> , 2013 , 35, 1829-37	4.3	3
137	Characterization of MIF family proteins: MIF and DDT from rock bream, <i>Oplegnathus fasciatus</i> . <i>Fish and Shellfish Immunology</i> , 2013 , 35, 458-68	4.3	10
136	Two molluscan BCL-2 family members from Manila clam, <i>Ruditapes philippinarum</i> : molecular characterization and immune responses. <i>Fish and Shellfish Immunology</i> , 2013 , 34, 1628-34	4.3	9
135	Akirin2 homologues from rock bream, <i>Oplegnathus fasciatus</i> : Genomic and molecular characterization and transcriptional expression analysis. <i>Fish and Shellfish Immunology</i> , 2013 , 35, 740-7	4.3	9
134	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> , 2013 , 35, 334-42	4.3	18
133	Three complement component 1q genes from rock bream, <i>Oplegnathus fasciatus</i> : genome characterization and potential role in immune response against bacterial and viral infections. <i>Fish and Shellfish Immunology</i> , 2013 , 35, 1442-54	4.3	12
132	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> , 2013 , 35, 284-99	4.3	18
131	Genomic structural characterization and transcriptional expression analysis of proteasome activator PA28 and PA28 subunits from <i>Oplegnathus fasciatus</i> . <i>Fish and Shellfish Immunology</i> , 2013 , 35, 1224-34	4.3	3
130	Molluscan fasciclin-1 domain-containing protein: molecular characterization and gene expression analysis of fasciclin 1-like protein from disk abalone (<i>Haliotis discus discus</i>). <i>Gene</i> , 2013 , 522, 219-25	3.8	5
129	Identification of scuticociliates (<i>Pseudocohnilembus persalinus</i> , <i>P. longisetus</i> , <i>Uronema marinum</i> and <i>Miamiensis avidus</i>) based on the cox1 sequence. <i>Parasitology International</i> , 2013 , 62, 7-13	2.1	17
128	Effects of LED spectral sensitivity on circadian rhythm-related genes in the yellowtail clownfish, <i>Amphiprion clarkii</i> . <i>Animal Cells and Systems</i> , 2013 , 17, 99-105	2.3	10
127	Indian hedgehog B function is required for the specification of oligodendrocyte progenitor cells in the zebrafish CNS. <i>Journal of Neuroscience</i> , 2013 , 33, 1728-33	6.6	21
126	Molecular cloning, overexpression, and enzymatic characterization of glycosyl hydrolase family 16 α -galactosidase from marine bacterium <i>Saccharophagus</i> sp. AG21 in <i>Escherichia coli</i> . <i>Journal of Microbiology and Biotechnology</i> , 2013 , 23, 913-22	3.3	24
125	Manila clam, <i>Ruditapes philippinarum</i> Cathepsin D: Molecular analysis and immune response against brown ring disease causing <i>Vibrio tapetis</i> challenge. <i>Korean Journal of Malacology</i> , 2013 , 29, 155-161		5

124	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 & Integrative Physiology</i> , 2012 , 163, 357-63	2.6	51
123	Expression profiles of three types of GnRH during sex-change in the protandrous cinnamon clownfish, <i>Amphiprion melanopus</i> : Effects of exogenous GnRHs. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012 , 161, 124-33	2.3	16
122	Genomic characterization and expression analysis of complement component 9 in rock bream (<i>Oplegnathus fasciatus</i>). <i>Fish and Shellfish Immunology</i> , 2012 , 33, 707-17	4.3	16
121	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> , 2012 , 33, 753-65	4.3	55
120	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> , 2012 , 33, 857-71	4.3	36
119	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> , 2012 , 33, 886-98	4.3	37
118	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> , 2012 , 33, 926-36	4.3	23
117	Differential expression of rhodopsin and Exo-rhodopsin genes in the retina and pineal gland of olive flounder (<i>Paralichthys olivaceus</i>). <i>Journal of Applied Animal Research</i> , 2012 , 40, 229-246	1.7	3
116	Diurnal gene expression of Period2, Cryptochrome1, and arylalkylamine N-acetyltransferase-2 in olive flounder, <i>Paralichthys olivaceus</i> . <i>Animal Cells and Systems</i> , 2012 , 16, 27-33	2.3	6
115	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> , 2012 , 36, 85-92	3.2	25
114	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> , 2012 , 37, 294-305	3.2	31
113	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> , 2012 , 162, 10-23	2.3	24
112	Effects of recombinant gonadotropin hormones on the expression of vitellogenin, gonadotropin subunits and gonadotropin receptors in cinnamon clownfish, <i>Amphiprion melanopus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012 , 162, 73-80	2.3	11
111	Cystatin B homolog from rock bream <i>Oplegnathus fasciatus</i> : genomic characterization, transcriptional profiling and protease-inhibitory activity of recombinant protein. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012 , 163, 138-46	2.3	10
110	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> , 2012 , 155, 539-50	3.2	26
109	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> , 2012 , 32, 513-23	4.3	19
108	A teleostean angiotensinogen from <i>Oplegnathus fasciatus</i> responses to immune and injury challenges. <i>Fish and Shellfish Immunology</i> , 2012 , 32, 922-8	4.3	5
107	cDNA microarray analysis of disk abalone genes in gills and hemocytes after viral hemorrhagic septicemia virus (VHSV) challenge. <i>Fish and Shellfish Immunology</i> , 2012 , 32, 1205-15	4.3	10

106	Molecular characterization, immune responses and DNA protection activity of rock bream (<i>Oplegnathus fasciatus</i>), peroxiredoxin 6 (Prx6). <i>Fish and Shellfish Immunology</i> , 2012 , 33, 28-35	4.3	31
105	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> , 2012 , 33, 48-59	4.3	27
104	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> , 2012 , 33, 99-110	4.3	23
103	Genomic characterization and expression profiles upon bacterial infection of a novel cystatin B homologue from disk abalone (<i>Haliotis discus discus</i>). <i>Developmental and Comparative Immunology</i> , 2012 , 38, 495-504	3.2	13
102	Effects of LED light spectra on the growth of the yellowtail clownfish <i>Amphiprion clarkii</i> . <i>Fisheries Science</i> , 2012 , 78, 549-556	1.9	30
101	Antibacterial Activity of Graphene Oxide Nanosheets. <i>Science of Advanced Materials</i> , 2012 , 4, 1111-1117	2.3	81
100	Sequence conservation in the internal transcribed spacers and 5.8S ribosomal RNA of parasitic scuticociliates <i>Miamiensis avidus</i> (Ciliophora, Scuticociliatia). <i>Parasitology International</i> , 2011 , 60, 216-9	2.1	7
99	Heparin cofactor II (RbHCII) from rock bream (<i>Oplegnathus fasciatus</i>): molecular characterization, cloning and expression analysis. <i>Fish and Shellfish Immunology</i> , 2011 , 30, 194-208	4.3	25
98	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> , 2011 , 30, 480-7	4.3	27
97	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> , 2011 , 30, 532-42	4.3	50
96	Microarray analysis of gene expression in disk abalone <i>Haliotis discus discus</i> after bacterial challenge. <i>Fish and Shellfish Immunology</i> , 2011 , 30, 661-73	4.3	18
95	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> , 2011 , 30, 763-72	4.3	41
94	Transcriptional analysis of disk abalone (<i>Haliotis discus discus</i>) antioxidant enzymes against marine bacteria and virus challenge. <i>Fish and Shellfish Immunology</i> , 2011 , 31, 155-60	4.3	20
93	Characterization of a novel molluscan MyD88 family protein from manila clam, <i>Ruditapes philippinarum</i> . <i>Fish and Shellfish Immunology</i> , 2011 , 31, 887-93	4.3	31
92	Permanent genetic resources added to Molecular Ecology Resources Database 1 October 2010-30 November 2010. <i>Molecular Ecology Resources</i> , 2011 , 11, 418-21	8.4	40
91	Expression of superoxide dismutase (SOD) genes from the copper-exposed polychaete, <i>Neanthes succinea</i> . <i>Marine Pollution Bulletin</i> , 2011 , 63, 277-86	6.7	25
90	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 & Integrative Physiology</i> , 2011 , 160, 221-8	2.6	60
89	Cu/Zn- and Mn-superoxide dismutase (SOD) from the copepod <i>Tigriopus japonicus</i> : molecular cloning and expression in response to environmental pollutants. <i>Chemosphere</i> , 2011 , 84, 1467-75	8.4	80

88	Characterization and expression analysis of the myeloid differentiation factor 88 (MyD88) in rock bream <i>Oplegnathus fasciatus</i> . <i>Molecular Biology Reports</i> , 2011 , 38, 3911-20	2.8	31
87	Molecular characterization and expression analysis of a heat shock protein 90 gene from disk abalone (<i>Haliotis discus</i>). <i>Molecular Biology Reports</i> , 2011 , 38, 3055-60	2.8	15
86	Monitoring of Na ⁺ /K ⁺ -ATPase mRNA expression in the cinnamon clownfish, <i>Amphiprion melanopus</i> , exposed to an osmotic stress environment: profiles on the effects of exogenous hormone. <i>Ichthyological Research</i> , 2011 , 58, 195-201	0.8	4
85	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> , 2011 , 35, 785-98	3.2	33
84	Endocrine disrupting chemicals modulate expression of O ⁶ -methylguanine DNA methyltransferase (O ⁶ -MGMT) gene in the hermaphroditic fish, <i>Kryptolebias marmoratus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011 , 153, 141-9	3.2	6
83	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> , 2011 , 153, 259-68	3.2	38
82	Molecular and biochemical modulation of heat shock protein 20 (Hsp20) gene by temperature stress and hydrogen peroxide (H ₂ O ₂) in the monogonont rotifer, <i>Brachionus</i> sp. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011 , 154, 19-27	3.2	24
81	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> , 2011 , 154, 82-92	3.2	22
80	Morphological and molecular characterization of <i>Pseudocohnilembus longisetus</i> Thompson, 1965 from farmed black rockfish <i>Sebastes schlegelii</i> in Korea. <i>Veterinary Parasitology</i> , 2011 , 179, 227-33	2.8	5
79	Diurnal and circadian regulations by three melatonin receptors in the brain and retina of olive flounder <i>Paralichthys olivaceus</i> : profiles following exogenous melatonin. <i>Marine and Freshwater Behaviour and Physiology</i> , 2011 , 44, 223-238	1.1	12
78	Complete genome sequence of the agarase-producing marine bacterium strain s89, representing a novel species of the genus <i>Alteromonas</i> . <i>Journal of Bacteriology</i> , 2011 , 193, 5538	3.5	8
77	Whole-genome sequence of the xylanase-producing <i>Mesoflavibacter zeaxanthinifaciens</i> strain S86. <i>Journal of Bacteriology</i> , 2011 , 193, 5557	3.5	9
76	Complete genome sequence of strain s85, a novel member of the family <i>Flavobacteriaceae</i> . <i>Journal of Bacteriology</i> , 2011 , 193, 6107	3.5	6
75	Effect of hypoosmotic and thermal stress on gene expression and the activity of antioxidant enzymes in the cinnamon clownfish, <i>Amphiprion melanopus</i> . <i>Animal Cells and Systems</i> , 2011 , 15, 219-225 ²⁻³	2.3	10
74	Isolation, purification, and enzymatic characterization of extracellular chitosanase from marine bacterium <i>Bacillus subtilis</i> CH2. <i>Journal of Microbiology and Biotechnology</i> , 2011 , 21, 1021-5	3.3	9
73	Molecular cloning and expression of TR ₁ and TR ₂ in the protandrous cinnamon clownfish, <i>Amphiprion melanopus</i> during sex reversal. <i>Marine and Freshwater Behaviour and Physiology</i> , 2010 , 43, 371-384	1.1	1
72	Modulation of p53 gene expression in the intertidal copepod <i>Tigriopus japonicus</i> exposed to alkylphenols. <i>Marine Environmental Research</i> , 2010 , 69 Suppl, S77-80	3.3	18
71	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> , 2010 , 28, 261-6	4.3	45

70	Disk abalone (<i>Haliotis discus discus</i>) expresses a novel antistatin-like serine protease inhibitor: Molecular cloning and immune response against bacterial infection. <i>Fish and Shellfish Immunology</i> , 2010 , 28, 661-71	4.3	12
69	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> , 2010 , 28, 754-63	4.3	52
68	Characterization and expression analysis of EF hand domain-containing calcium-regulatory gene from disk abalone: calcium homeostasis and its role in immunity. <i>Fish and Shellfish Immunology</i> , 2010 , 29, 334-42	4.3	8
67	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> , 2010 , 29, 319-26	4.3	36
66	Tumor suppressor QM-like gene from disk abalone (<i>Haliotis discus discus</i>): molecular characterization and transcriptional analysis upon immune challenge. <i>Fish and Shellfish Immunology</i> , 2010 , 29, 494-500	4.3	13
65	BRICHOS domain-containing leukocyte cell-derived chemotaxin 1-like cDNA from disk abalone <i>Haliotis discus discus</i> . <i>Fish and Shellfish Immunology</i> , 2010 , 29, 899-902	4.3	4
64	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> , 2010 , 29, 1028-36	4.3	21
63	The classical NFkappaB pathway is required for phloroglucinol-induced activation of murine lymphocytes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010 , 1800, 639-45	4	9
62	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> , 2010 , 155, 403-12	2.3	23
61	Upregulation of estrogen receptor subtypes and vitellogenin mRNA in cinnamon clownfish <i>Amphiprion melanopus</i> during the sex change process: profiles on effects of 17beta-estradiol. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010 , 157, 198-204	2.3	17
60	Proliferating neural progenitors in the developing CNS of zebrafish require Jagged2 and Jagged1b. <i>Molecules and Cells</i> , 2010 , 30, 155-9	3.5	11
59	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> , 2010 , 37, 483-94	4.2	51
58	Characterization of beta-1,4-endoglucanase as a polysaccharide-degrading digestive enzyme from disk abalone, <i>Haliotis discus discus</i> . <i>Aquaculture International</i> , 2010 , 18, 1061-1078	2.6	12
57	Influence of quercetin on the physiological response to cadmium stress in olive flounder, <i>Paralichthys olivaceus</i> : effects on hematological and biochemical parameters. <i>Molecular and Cellular Toxicology</i> , 2010 , 6, 151-159	1.6	7
56	Expression of three gonadotropin subunits and gonadotropin receptor mRNA during male-to-female sex change in the cinnamon clownfish, <i>Amphiprion melanopus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010 , 156, 407-15	2.6	18
55	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> , 2010 , 151, 99-106	3.2	43
54	Cloning and expression of ecdysone receptor (EcR) from the intertidal copepod, <i>Tigriopus japonicus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010 , 151, 303-12	3.2	16
53	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> , 2010 , 151, 360-8	3.2	22

52	Effects of salinity and endocrine-disrupting chemicals on expression of prolactin and prolactin receptor genes in the euryhaline hermaphroditic fish, <i>Kryptolebias marmoratus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010 , 152, 413-23	3.2	5
51	Bisphenol A modulates expression of gonadotropin subunit genes in the hermaphroditic fish, <i>Kryptolebias marmoratus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010 , 152, 456-66	3.2	11
50	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> , 2010 , 152, 473-9	3.2	52
49	Dieckol rescues mice from lethal irradiation by accelerating hemopoiesis and curtailing immunosuppression. <i>International Journal of Radiation Biology</i> , 2010 , 86, 848-59	2.9	23
48	Disk Abalone, <i>Haliotis discus discus</i> , CuZn-Superoxide Dismutase cDNA and its Transcriptional Induction by Aroclor 1254. <i>Journal of the World Aquaculture Society</i> , 2009 , 40, 643-658	2.5	3
47	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> , 2009 , 150, 558-68	3.2	19
46	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> , 2009 , 152, 271-81	2.3	25
45	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> , 2009 , 154, 387-95	2.3	73
44	First molluscan TNF-alpha homologue of the TNF superfamily in disk abalone: molecular characterization and expression analysis. <i>Fish and Shellfish Immunology</i> , 2009 , 26, 625-31	4.3	65
43	Suppressor of cytokine signaling 2 (SOCS-2) homologue in disk abalone: cloning, sequence characterization and expression analysis. <i>Fish and Shellfish Immunology</i> , 2009 , 26, 500-8	4.3	26
42	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> , 2009 , 27, 239-49	4.3	31
41	A novel Fas ligand in mollusk abalone: molecular characterization, immune responses and biological activity of the recombinant protein. <i>Fish and Shellfish Immunology</i> , 2009 , 27, 423-32	4.3	25
40	Abhisin: a potential antimicrobial peptide derived from histone H2A of disk abalone (<i>Haliotis discus discus</i>). <i>Fish and Shellfish Immunology</i> , 2009 , 27, 639-46	4.3	45
39	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> , 2009 , 83, 133-43	1.7	45
38	Cloning, characterization and tissue expression of disk abalone (<i>Haliotis discus discus</i>) catalase. <i>Fish and Shellfish Immunology</i> , 2008 , 24, 267-78	4.3	49
37	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> , 2008 , 24, 294-307	4.3	52
36	Transcriptional up-regulation of disk abalone selenium dependent glutathione peroxidase by H ₂ O ₂ oxidative stress and <i>Vibrio alginolyticus</i> bacterial infection. <i>Fish and Shellfish Immunology</i> , 2008 , 25, 446-57	4.3	36
35	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> , 2008 , 149, 354-61	2.3	35

34	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> , 2008 , 149, 630-9	2.3	47
33	Molecular characterization and expression analysis of regucalcin in disk abalone (<i>Haliotis discus discus</i>): intramuscular calcium administration stimulates the regucalcin mRNA expression. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008 , 150, 117-24	2.3	11
32	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> , 2008 , 150, 187-99	2.3	37
31	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> , 2008 , 151, 257-67	2.3	30
30	A novel C-type lectin from abalone, <i>Haliotis discus discus</i> , agglutinates <i>Vibrio alginolyticus</i> . <i>Developmental and Comparative Immunology</i> , 2008 , 32, 1034-40	3.2	54
29	Anticoagulant activity of sulfated polysaccharide isolated from fermented brown seaweed <i>Sargassum fulvellum</i> . <i>Journal of Applied Phycology</i> , 2008 , 20, 67-74	3.2	56
28	Novel anticoagulant compound from fermented red alga <i>Pachymeniopsis elliptica</i> . <i>European Food Research and Technology</i> , 2008 , 227, 897-903	3.4	8
27	Immunomodulatory effects of an enzymatic extract from <i>Ecklonia cava</i> on murine splenocytes. <i>Marine Biotechnology</i> , 2008 , 10, 278-89	3.4	64
26	Isolation and purification of an anticoagulant from fermented red seaweed <i>Lomentaria catenata</i> . <i>Carbohydrate Polymers</i> , 2008 , 73, 274-279	10.3	57
25	Isolation of Sulfated Anticoagulant Compound from Fermented Red Seaweed <i>Grateloupia filicina</i> . <i>Journal of the World Aquaculture Society</i> , 2007 , 38, 407-417	2.5	17
24	Antioxidant activities of phlorotannins purified from <i>Ecklonia cava</i> on free radical scavenging using ESR and H ₂ O ₂ -mediated DNA damage. <i>European Food Research and Technology</i> , 2007 , 226, 71-79	3.4	211
23	Isolation and Purification of an Anticoagulant from <i>Schizymenia dubyi</i> by Fermentation. <i>Food Science and Technology International</i> , 2007 , 13, 355-359	2.6	3
22	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> , 2007 , 23, 86-96	4.3	38
21	Two ferritin subunits from disk abalone (<i>Haliotis discus discus</i>): cloning, characterization and expression analysis. <i>Fish and Shellfish Immunology</i> , 2007 , 23, 624-35	4.3	62
20	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> , 2007 , 96, 221-9	2.6	30
19	Protective effect of <i>Ecklonia cava</i> enzymatic extracts on hydrogen peroxide-induced cell damage. <i>Process Biochemistry</i> , 2006 , 41, 2393-2401	4.8	77
18	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> , 2006 , 145, 318-24	2.3	35
17	Analysis of Digestive Gland Expressed Sequence Tag Library from the Disk Abalone, <i>Haliotis discus discus</i> . <i>Journal of the World Aquaculture Society</i> , 2006 , 37, 96-106	2.5	15

16	ANTIOXIDANT POTENTIAL OF EEL (ANGUILLA JAPONICA AND CONGER MYRIASTER) FLESH AND SKIN. <i>Journal of Food Lipids</i> , 2005 , 12, 34-47		21
15	DNA recombination and RNA cleavage activities of the Flp protein: roles of two histidine residues in the orientation and activation of the nucleophile for strand cleavage. <i>Journal of Molecular Biology</i> , 2001 , 314, 717-33	6.5	5
14	DNA recognition, strand selectivity, and cleavage mode during integrase family site-specific recombination. <i>Journal of Biological Chemistry</i> , 2000 , 275, 22255-67	5.4	13
13	Resolution of tethered antiparallel and parallel holliday junctions by the Flp site-specific recombinase. <i>Journal of Molecular Biology</i> , 2000 , 296, 403-19	6.5	14
12	Wild-type Flp recombinase cleaves DNA in trans. <i>EMBO Journal</i> , 1999 , 18, 784-91	13	41
11	Structural alterations and conformational dynamics in Holliday junctions induced by binding of a site-specific recombinase. <i>Molecular Cell</i> , 1998 , 1, 483-93	17.6	20
10	Unveiling two distinct ribonuclease activities and a topoisomerase activity in a site-specific DNA recombinase. <i>Molecular Cell</i> , 1998 , 1, 729-39	17.6	40
9	Alcoholysis and strand joining by the Flp site-specific recombinase. Mechanistically equivalent reactions mediated by distinct catalytic configurations. <i>Journal of Biological Chemistry</i> , 1998 , 273, 22028-36	5.4	5
8	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> , 1996 , 256, 720-35	6.5	28
7	Assembly and orientation of Flp recombinase active sites on two-, three- and four-armed DNA substrates: implications for a recombination mechanism. <i>Journal of Molecular Biology</i> , 1996 , 257, 532-549	6.5	35
6	Functional roles of individual recombinase monomers in strand breakage and strand union during site-specific DNA recombination. <i>Journal of Biological Chemistry</i> , 1995 , 270, 23203-11	5.4	22
5	Junction mobility and resolution of Holliday structures by Flp site-specific recombinase. Testing partner compatibility during recombination. <i>Journal of Biological Chemistry</i> , 1995 , 270, 19086-92	5.4	14
4	Return to sobriety after the catalytic party. <i>Trends in Genetics</i> , 1995 , 11, 432-3	8.5	10
3	Sequence-specific cleavage of DNA via nucleophilic attack of hydrogen peroxide, assisted by Flp recombinase. <i>Biochemistry</i> , 1993 , 32, 4698-701	3.2	41
2	DNA cleavage in trans by the active site tyrosine during Flp recombination: switching protein partners before exchanging strands. <i>Cell</i> , 1992 , 69, 647-58	56.2	177
1	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> , 1992 , 228, 1091-103	6.5	26