Don Anushka Sandaruwan Elvitigala

List of Publications by Citations

35 papers	327 citations	11 h-index	15 g-index
35 ext. papers	380 ext. citations	3.6 avg, IF	3.01 L-index

#	Paper	IF	Citations
35	Molecular characterization and comparative expression analysis of two teleostean pro-inflammatory cytokines, IL-1 and IL-8, from Sebastes schlegeli. *Gene*, **2016**, 575, 732-42	3.8	28
34	First comparative characterization of three distinct ferritin subunits from a teleost: Evidence for immune-responsive mRNA expression and iron depriving activity of seahorse (Hippocampus abdominalis) ferritins. *Fish and Shellfish Immunology*, **2016**, 49, 450-60	4.3	27
33	Ferritin H-like subunit from Manila clam (Ruditapes philippinarum): molecular insights as a potent player in host antibacterial defense. *Fish and Shellfish Immunology*, **2012**, 33, 926-36	4.3	23
32	Caspase 3 from rock bream (Oplegnathus fasciatus): genomic characterization and transcriptional profiling upon bacterial and viral inductions. *Fish and Shellfish Immunology*, **2012**, 33, 99-110	4.3	23
31	A teleostan homolog of catalase from black rockfish (Sebastes schlegelii): insights into functional roles in host antioxidant defense and expressional responses to septic conditions. *Fish and Shellfish Immunology*, **2015**, 44, 321-31	4.3	18
30	Molecular insights of the first gastropod TLR counterpart from disk abalone (Haliotis discus discus), revealing its transcriptional modulation under pathogenic stress. *Fish and Shellfish Immunology*, **2013**, 35, 334-42	4.3	18
29	A teleostean counterpart of ferritin M subunit from rock bream (Oplegnathus fasciatus): an active constituent in iron chelation and DNA protection against oxidative damage, with a modulated expression upon pathogen stress. *Fish and Shellfish Immunology*, **2013**, 35, 1455-65	4.3	17
28	Identification and molecular characterization of peroxiredoxin 6 from Japanese eel (Anguilla japonica) revealing its potent antioxidant properties and putative immune relevancy. *Fish and Shellfish Immunology*, **2016**, 51, 291-302	4.3	15
27	Molecular characterization of two immunity-related acute-phase proteins: Haptoglobin and serum amyloid A from black rockfish (Sebastes schlegeli). *Fish and Shellfish Immunology*, **2015**, 45, 680-8	4.3	14
26	Molecular characterization and transcriptional analysis of non-mammalian type Toll like receptor (TLR21) from rock bream (Oplegnathus fasciatus). *Gene*, **2014**, 553, 105-16	3.8	13
25	Molecular profile and functional characterization of the ferritin H subunit from rock bream (Oplegnathus fasciatus), revealing its putative role in host antioxidant and immune defense. *Developmental and Comparative Immunology*, **2014**, 47, 104-14	3.2	11
24	Marine teleost ortholog of catalase from rock bream (Oplegnathus fasciatus): molecular perspectives from genomic organization to enzymatic behavior with respect to its potent antioxidant properties. *Fish and Shellfish Immunology*, **2013**, 35, 1086-96	4.3	11
23	Identification of a C-reactive protein like homologue from black rockfish (Sebastes schlegelii) evidencing its potent anti-microbial properties at molecular level. *Developmental and Comparative Immunology*, **2015**, 53, 169-78	3.2	10
22	Identification of a novel molluscan short-type peptidoglycan recognition protein in disk abalone (Haliotis discus discus) involved in host antibacterial defense. *Fish and Shellfish Immunology*, **2014**, 39, 99-107	4.3	9
21	Characterization of a 1-cysteine peroxiredoxin from big-belly seahorse (Hippocampus abdominalis); insights into host antioxidant defense, molecular profiling and its expressional response to septic conditions. *Fish and Shellfish Immunology*, **2016**, 57, 186-197	4.3	8
20	Molecular and functional characterization of caspase-8 from the big-belly seahorse (Hippocampus abdominalis). *Fish and Shellfish Immunology*, **2016**, 58, 650-662	4.3	8
19	First report on the gastropod proapoptotic AIF3 counterpart from disk abalone (Haliotis discus discus) deciphering its transcriptional modulation by induced pathogenic stress. *Fish and Shellfish Immunology*, **2015**, 47, 697-705	4.3	7

18	Identification and characterization of cystatin B from black rockfish, Sebastes schlegelii, indicating its potent immunological importance. *Fish and Shellfish Immunology*, **2020**, 104, 497-505	4.3	7
17	Molecular insights into a molluscan transferrin homolog identified from disk abalone (Haliotis discus discus) evidencing its detectable role in host antibacterial defense. *Developmental and Comparative Immunology*, **2015**, 53, 222-33	3.2	6
16	Expression profile of cystatin B ortholog from Manila clam (Ruditapes philippinarum) in host pathology with respect to its structural and functional properties. *Fish and Shellfish Immunology*, **2013**, 34, 1505-13	4.3	6
15	Identification and in silico analysis of a novel troponin C like gene from Ruditapes philippinarum (Bivalvia: Veneridae) and its transcriptional response for calcium challenge. *Gene*, **2013**, 519, 194-201	3.8	6
14	Molecular characterization of a bactericidal permeability-increasing protein/lipopolysaccharide-binding protein from black rockfish (Sebastes schlegelii): Deciphering its putative antibacterial role. *Developmental and Comparative Immunology*, **2017**, 67, 266-275	3.2	6
13	Future Prospects and Health Benefits of Functional Ingredients from Marine Bio-resources: A review. *Fisheries and Aquatic Sciences*, **2014**, 17, 275-290	2.9	5
12	Molecular delineation of a caspase 10 homolog from black rockfish (Sebastes schlegelii) and its transcriptional regulation in response to pathogenic stress. *Gene*, **2015**, 570, 288-94	3.8	4
11	Identification of a myeloperoxidase-like ortholog from rock bream (Oplegnathus fasciatus), deciphering its transcriptional responses to induced pathogen stress. *Fish and Shellfish Immunology*, **2015**, 45, 477-85	4.3	4
10	Molecular profile and expressional modulation of a Toll like receptor-1 homolog from rock bream (Oplegnathus fasciatus). *Genes and Genomics*, **2015**, 37, 459-470	2.1	4
9	Molecular cloning, expression and functional characterization of a teleostan cytokine-induced apoptosis inhibitor from rock bream (Oplegnathus fasciatus). *Developmental and Comparative Immunology*, **2015**, 52, 48-57	3.2	4
8	Characterization of a nucleotide-oligomerization domain (NOD) like receptor C5 (NLRC5) subfamily member from black rockfish (Sebastes schlegelii), portraying its transcriptional responses against immune stimulants. *Genes and Genomics*, **2016**, 38, 303-310	2.1	4
7	Genomic structure and immunological response of an STAT4 family member from rock bream (Oplegnathus fasciatus). *Fish and Shellfish Immunology*, **2013**, 35, 1829-37	4.3	3
6	Identification and molecular profiling of DC-SIGN-like from big belly seahorse (Hippocampus abdominalis) inferring its potential relevancy in host immunity. *Developmental and Comparative Immunology*, **2017**, 77, 270-279	3.2	3
5	Molecular profiling and functional insights of rock bream (Oplegnathus fasciatus) thioredoxin reductase 3-like molecule: investigation of its transcriptional modulation in response to live pathogen stress. *Gene*, **2015**, 570, 122-31	3.8	2
4	Structural and functional characterization of a novel molluskan ortholog of TRAF and TNF receptor-associated protein from disk abalone (Haliotis discus discus). *Fish and Shellfish Immunology*, **2014**, 40, 32-9	4.3	2
3	Molecular cloning, over-expression and enzymatic characterization of an endo-acting β1,3-glucanase from marine bacterium Mesoflavibacter zeaxanthinifaciens S86 in Escherichia coli. *Ocean Science Journal*, **2014**, 49, 425-432	1.1	1
2	Identification and molecular profiling of a novel homolog of cystatin C from rock bream (Oplegnathus fasciatus) evidencing its transcriptional sensitivity to pathogen infections. *Molecular Biology Reports*, **2021**, 48, 4933-4942	2.8	0
1	The Molecular Profiling of a Teleostan Counterpart of Follistatin, Identified from Rock Bream Oplegnathus fasciatus which Reveals its Transcriptional Responses against Pathogenic Stress. *Fisheries and Aquatic Sciences*, **2015**, 18, 273-281	2.9	