

Don Anushka Sandaruwan Elvitigala

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.

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	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
34	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
33	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
32	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
31	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
30	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
29	Identification and molecular characterization of peroxiredoxin 6 from Japanese eel (<i>Anguilla japonica</i>) revealing its potent antioxidant properties and putative immune relevancy. <i>Fish and Shellfish Immunology</i> , 2016 , 51, 291-302	4.3	15
28	Molecular characterization and comparative expression analysis of two teleostean pro-inflammatory cytokines, IL-1 β and IL-8, from <i>Sebastes schlegelii</i> . <i>Gene</i> , 2016 , 575, 732-42	3.8	28
27	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
26	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
25	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
24	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
23	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
22	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
21	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
20	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
19	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

18	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
17	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
16	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
15	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	
14	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
13	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
12	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
11	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
10	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
9	Future Prospects and Health Benefits of Functional Ingredients from Marine Bio-resources: A review. <i>Fisheries and Aquatic Sciences</i> , 2014 , 17, 275-290	2.9	5
8	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
7	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
6	Identification and in silico analysis of a novel troponin C like gene from <i>Ruditapes philippinarum</i> (<i>Bivalvia</i> : <i>Veneridae</i>) and its transcriptional response for calcium challenge. <i>Gene</i> , 2013 , 519, 194-201	3.8	6
5	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
4	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
3	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
2	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
1	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

