Jean-Michel Escoubas

List of Publications by Year
in descending order

38 papers	2,153 citations	279798 23 h-index	330143 37 g-index
43 all docs	43 docs citations	43 times ranked	2214 citing authors

#	Article	IF	Citations
1	Two genomes of highly polyphagous lepidopteran pests (Spodoptera frugiperda, Noctuidae) with different host-plant ranges. Scientific Reports, 2017, 7, 11816.	3.3	242
2	Immune gene discovery by expressed sequence tags generated from hemocytes of the bacteria-challenged oyster, Crassostrea gigas. Gene, 2003, 303, 139-145.	2.2	221
3	Immune-suppression by OsHV-1 viral infection causes fatal bacteraemia in Pacific oysters. Nature Communications, 2018, 9, 4215.	12.8	217
4	Characterization of a Defensin from the Oyster Crassostrea gigas. Journal of Biological Chemistry, 2006, 281, 313-323.	3.4	166
5	Evidence of a bactericidal permeability increasing protein in an invertebrate, theCrassostrea gigas Cg-BPI. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17759-17764.	7.1	124
6	Cg -Rel, the first Rel/NF-ÎºB homolog characterized in a mollusk, the Pacific oyster Crassostrea gigas. FEBS Letters, 2004, 561, 75-82.	2.8	96
7	Cg-TIMP, an inducible tissue inhibitor of metalloproteinase from the Pacific oysterCrassostrea gigaswith a potential role in wound healing and defense mechanisms1. FEBS Letters, 2001, 500, 64-70.	2.8	93
8	ThedltOperon ofBacillus cereusIs Required for Resistance to Cationic Antimicrobial Peptides and for Virulence in Insects. Journal of Bacteriology, 2009, 191, 7063-7073.	2.2	72
9	Venom gland extract is not required for successful parasitism in the polydnavirus-associated endoparasitoid Hyposoter didymator (Hym. Ichneumonidae) despite the presence of numerous novel and conserved venom proteins. Insect Biochemistry and Molecular Biology, 2013, 43, 292-307.	2.7	70
10	A cDNA Microarray for Crassostrea virginica and C. gigas. Marine Biotechnology, 2007, 9, 577-591.	2.4	62
11	Cg-IÎºB, a new member of the IÎºB protein family characterized in the pacific oyster Crassostrea gigas. Developmental and Comparative Immunology, 2008, 32, 182-190.	2.3	60
12	Crassostrea gigas ferritin: cDNA sequence analysis for two heavy chain type subunits and protein purification. Gene, 2004, 338, 187-195.	2.2	59
13	Oyster IKK-like protein shares structural and functional properties with its mammalian homologues. FEBS Letters, 1999, 453, 293-298.	2.8	57
14	Microbiota Composition and Evenness Predict Survival Rate of Oysters Confronted to Pacific Oyster Mortality Syndrome. Frontiers in Microbiology, 2020, 11, 311.	3.5	57
15	Cycle Inhibiting Factors (CIFs) Are a Growing Family of Functional Cyclomodulins Present in Invertebrate and Mammal Bacterial Pathogens. PLoS ONE, 2009, 4, e4855.	2.5	50
16	Differential basal expression of immune genes confers Crassostrea gigas resistance to Pacific oyster mortality syndrome. BMC Genomics, 2020, 21, 63.	2.8	42
17	Cecropins as a marker of Spodoptera frugiperda immunosuppression during entomopathogenic bacterial challenge. Journal of Insect Physiology, 2012, 58, 881-888.	2.0	39
18	Protists Within Corals: The Hidden Diversity. Frontiers in Microbiology, 2018, 9, 2043.	3.5	39

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19	First evidence of the activation of Cg-timp, an immune response component of pacific oysters, through a damage-associated molecular pattern pathway. Developmental and Comparative Immunology, 2007, 31, 1-11.	2.3	34
20	Inefficient immune response is associated with microbial permissiveness in juvenile oysters affected by mass mortalities on field. Fish and Shellfish Immunology, 2018, 77, 156-163.	3.6	32
21	Characterization of a cDNA Encoding a 72 kDa Heat Shock Cognate Protein (Hsc72) from the Pacific Oyster,Crassostrea gigas. DNA Sequence, 2000, 11, 265-270.	0.7	30
22	Crystal Structures of Cif from Bacterial Pathogens Photorhabdus luminescens and Burkholderia pseudomallei. PLoS ONE, 2009, 4, e5582.	2.5	28
23	Establishment and analysis of a reference transcriptome for Spodoptera frugiperda. BMC Genomics, 2014, 15, 704.	2.8	27
24	X-tox: An atypical defensin derived family of immune-related proteins specific to Lepidoptera. Developmental and Comparative Immunology, 2008, 32, 575-584.	2.3	24
25	Early life microbial exposures shape the Crassostrea gigas immune system for lifelong and intergenerational disease protection. Microbiome, 2022, 10, .	11.1	24
26	Nucleolin ? pre-rRNA interactions and preribosome assembly. Molecular Biology Reports, 1990, 14, 113-114.	2.3	22
27	Characterization of a Tal/SCL-like transcription factor in the pacific oyster Crassostrea gigas. Developmental and Comparative Immunology, 2003, 27, 793-800.	2.3	20
28	Recent insight into the pathogenicity mechanisms of the emergent pathogen Photorhabdus asymbiotica. Microbes and Infection, 2010, 12, 182-189.	1.9	19
29	Spodoptera frugiperda X-Tox Protein, an Immune Related Defensin Rosary, Has Lost the Function of Ancestral Defensins. PLoS ONE, 2009, 4, e6795.	2.5	18
30	The two mRNAs expressed in oyster hemocytes are generated by two gene families and differentially expressed during ontogenesis. Developmental and Comparative Immunology, 2005, 29, 831-839.	2.3	15
31	Contribution of Viral Genomic Diversity to Oyster Susceptibility in the Pacific Oyster Mortality Syndrome. Frontiers in Microbiology, 2020, 11, 1579.	3.5	14
32	Genomic Diversity of the Ostreid Herpesvirus Type 1 Across Time and Location and Among Host Species. Frontiers in Microbiology, 2021, 12, 711377.	3.5	11
33	Immunity in Molluscs. , 2016, , 417-436.		10
34	The cyclomodulin Cif of Photorhabdus luminescens inhibits insect cell proliferation and triggers host cell death by apoptosis. Microbes and Infection, 2010, 12, 1208-1218.	1.9	9
35	Evolutionary history of x-tox genes in three lepidopteran species: Origin, evolution of primary and secondary structure and alternative splicing, generating a repertoire of immune-related proteins. Insect Biochemistry and Molecular Biology, 2013, 43, 54-64.	2.7	7
36	[15] Assessing the potential for chloroplast redox regulation of nuclear gene expression. Methods in Enzymology, 1998, 297, 220-234.	1.0	6

#	Article	IF	Citations
37	Unveiling protist diversity associated with the Pacific oyster Crassostrea gigas using blocking and excluding primers. BMC Microbiology, 2020, 20, 193.	3.3	6
38	Genetic diversity and connectivity of the Ostreid herpesvirus 1 populations in France: A first attempt to phylogeographic inference for a marine mollusc disease. Virus Evolution, 2022, 8, .	4.9	6