FrÃ©dÃ©rique Le Roux

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6756020/publications.pdf

Version: 2024-02-01

22	1,818	471477	677123
papers	citations	17 h-index	22 g-index

23	23	23	1537
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Construction of a Vibrio splendidus Mutant Lacking the Metalloprotease Gene vsm by Use of a Novel Counterselectable Suicide Vector. Applied and Environmental Microbiology, 2007, 73, 777-784.	3.1	240
2	Immune-suppression by OsHV-1 viral infection causes fatal bacteraemia in Pacific oysters. Nature Communications, 2018, 9, 4215.	12.8	217
3	The emergence of Vibrio pathogens in Europe: ecology, evolution, and pathogenesis (Paris, 11â€“12th) Tj ETQq1 1 0.784314 rgBT /O	3.5	156
4	Crassostrea gigas mortality in France: the usual suspect, a herpes virus, may not be the killer in this polymicrobial opportunistic disease. Frontiers in Microbiology, 2015, 6, 686.	3.5	135
5	Populations, not clones, are the unit of vibrio pathogenesis in naturally infected oysters. ISME Journal, 2015, 9, 1523-1531.	9.8	126
6	Oysters and Vibrios as a Model for Disease Dynamics in Wild Animals. Trends in Microbiology, 2016, 24, 568-580.	7.7	124
7	Vibrio crassostreae, a benign oyster colonizer turned into a pathogen after plasmid acquisition. ISME Journal, 2017, 11, 1043-1052.	9.8	116
8	Genome sequence of Vibrio splendidus: an abundant planctonic marine species with a large genotypic diversity. Environmental Microbiology, 2009, 11, 1959-1970.	3.8	98
9	Rapid evolutionary turnover of mobile genetic elements drives bacterial resistance to phages. Science, 2021, 374, 488-492.	12.6	96
10	Eco-evolutionary Dynamics Linked to Horizontal Gene Transfer in Vibrios. Annual Review of Microbiology, 2018, 72, 89-110.	7.3	89
11	Comprehensive Functional Analysis of the 18 Vibrio cholerae N16961 Toxin-Antitoxin Systems Substantiates Their Role in Stabilizing the Superintegron. Journal of Bacteriology, 2015, 197, 2150-2159.	2.2	78
12	Species-specific mechanisms of cytotoxicity toward immune cells determine the successful outcome ofVibrioinfections. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14238-14247.	7.1	62
13	A single regulatory gene is sufficient to alter <scp>V</scp>ibrio aestuarianus pathogenicity in oysters. Environmental Microbiology, 2015, 17, 4189-4199.	3.8	58
14	Phageâ€“host coevolution in natural populations. Nature Microbiology, 2022, 7, 1075-1086.	13.3	58
15	Conserved small RNAs govern replication and incompatibility of a diverse new plasmid family from marine bacteria. Nucleic Acids Research, 2011, 39, 1004-1013.	14.5	40
16	Ancestral gene acquisition as the key to virulence potential in environmental Vibrio populations. ISME Journal, 2018, 12, 2954-2966.	9.8	37
17	Virulence of an emerging pathogenic lineage of Vibrio nigripulchritudo is dependent on two plasmids. Environmental Microbiology, 2011, 13, 296-306.	3.8	31
18	Selection of Vibrio crassostreae relies on a plasmid expressing a type 6 secretion system cytotoxic for host immune cells. Environmental Microbiology, 2020, 22, 4198-4211.	3.8	26

#	Article	IF	Citations
19	Ecologically realistic model of infection for exploring the host damage caused by Vibrio aestuarianus. Environmental Microbiology, 2018, 20, 4343-4355.	3.8	18
20	Vibrio splendidus Oâ€antigen structure: a tradeâ€off between virulence to oysters and resistance to grazers. Environmental Microbiology, 2020, 22, 4264-4278.	3.8	14
21	Nigritoxin is a bacterial toxin for crustaceans and insects. Nature Communications, 2017, 8, 1248.	12.8	7
22	Environmental vibrios: Â«a walk on the wild sideÂ». Environmental Microbiology Reports, 2017, 9, 27-29.	2.4	4