

Frédérique Le Roux

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,818
citations

471477

17
h-index

677123

22
g-index

23
all docs

23
docs citations

23
times ranked

1537
citing authors

#	ARTICLE	IF	CITATIONS
1	Phage-host coevolution in natural populations. <i>Nature Microbiology</i> , 2022, 7, 1075-1086.	13.3	58
2	Rapid evolutionary turnover of mobile genetic elements drives bacterial resistance to phages. <i>Science</i> , 2021, 374, 488-492.	12.6	96
3	Selection of <i>Vibrio crassostreae</i> relies on a plasmid expressing a type 6 secretion system cytotoxic for host immune cells. <i>Environmental Microbiology</i> , 2020, 22, 4198-4211.	3.8	26
4	<i>Vibrio splendidus</i> antigen structure: a trade-off between virulence to oysters and resistance to grazers. <i>Environmental Microbiology</i> , 2020, 22, 4264-4278.	3.8	14
5	Species-specific mechanisms of cytotoxicity toward immune cells determine the successful outcome of <i>Vibrio</i> infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14238-14247.	7.1	62
6	Immune-suppression by OsHV-1 viral infection causes fatal bacteraemia in Pacific oysters. <i>Nature Communications</i> , 2018, 9, 4215.	12.8	217
7	Ancestral gene acquisition as the key to virulence potential in environmental <i>Vibrio</i> populations. <i>ISME Journal</i> , 2018, 12, 2954-2966.	9.8	37
8	Ecologically realistic model of infection for exploring the host damage caused by <i>Vibrio aestuarianus</i> . <i>Environmental Microbiology</i> , 2018, 20, 4343-4355.	3.8	18
9	Eco-evolutionary Dynamics Linked to Horizontal Gene Transfer in <i>Vibrios</i> . <i>Annual Review of Microbiology</i> , 2018, 72, 89-110.	7.3	89
10	Environmental vibrios: «a walk on the wild side». <i>Environmental Microbiology Reports</i> , 2017, 9, 27-29.	2.4	4
11	<i>Vibrio crassostreae</i> , a benign oyster colonizer turned into a pathogen after plasmid acquisition. <i>ISME Journal</i> , 2017, 11, 1043-1052.	9.8	116
12	Nigritoxin is a bacterial toxin for crustaceans and insects. <i>Nature Communications</i> , 2017, 8, 1248.	12.8	7
13	Oysters and <i>Vibrios</i> as a Model for Disease Dynamics in Wild Animals. <i>Trends in Microbiology</i> , 2016, 24, 568-580.	7.7	124
14	A single regulatory gene is sufficient to alter <i>Vibrio aestuarianus</i> pathogenicity in oysters. <i>Environmental Microbiology</i> , 2015, 17, 4189-4199.	3.8	58
15	<i>Crassostrea gigas</i> mortality in France: the usual suspect, a herpes virus, may not be the killer in this polymicrobial opportunistic disease. <i>Frontiers in Microbiology</i> , 2015, 6, 686.	3.5	135
16	The emergence of <i>Vibrio</i> pathogens in Europe: ecology, evolution, and pathogenesis (Paris, 11 th ETQq0 0,0 rgBT /Overlock 10	3.5	136
17	Comprehensive Functional Analysis of the 18 <i>Vibrio cholerae</i> N16961 Toxin-Antitoxin Systems Substantiates Their Role in Stabilizing the Superintegron. <i>Journal of Bacteriology</i> , 2015, 197, 2150-2159.	2.2	78
18	Populations, not clones, are the unit of <i>vibrio</i> pathogenesis in naturally infected oysters. <i>ISME Journal</i> , 2015, 9, 1523-1531.	9.8	126

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19	Virulence of an emerging pathogenic lineage of <i>Vibrio nigripulchritudo</i> is dependent on two plasmids. <i>Environmental Microbiology</i> , 2011, 13, 296-306.	3.8	31
20	Conserved small RNAs govern replication and incompatibility of a diverse new plasmid family from marine bacteria. <i>Nucleic Acids Research</i> , 2011, 39, 1004-1013.	14.5	40
21	Genome sequence of <i>Vibrio splendidus</i> : an abundant planctonic marine species with a large genotypic diversity. <i>Environmental Microbiology</i> , 2009, 11, 1959-1970.	3.8	98
22	Construction of a <i>Vibrio splendidus</i> Mutant Lacking the Metalloprotease Gene <i>vsm</i> by Use of a Novel Counterselectable Suicide Vector. <i>Applied and Environmental Microbiology</i> , 2007, 73, 777-784.	3.1	240