

Sylvie Lapegue

List of Publications by Year in descending order

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34
papers

1,200
citations

331538

21
h-index

414303

32
g-index

36
all docs

36
docs citations

36
times ranked

1325
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing genomic information in bivalves through new EST collections in four species: Development of new genetic markers for environmental studies and genome evolution. <i>Gene</i> , 2008, 408, 27-36.	1.0	132
2	Generation and analysis of a 29,745 unique Expressed Sequence Tags from the Pacific oyster (<i>Crassostrea gigas</i>) assembled into a publicly accessible database: the GigasDatabase. <i>BMC Genomics</i> , 2009, 10, 341.	1.2	127
3	Ostreid herpes virus 1 infection in families of the Pacific oyster, <i>Crassostrea gigas</i> , during a summer mortality outbreak: Differences in viral DNA detection and quantification using real-time PCR. <i>Virus Research</i> , 2009, 142, 181-187.	1.1	106
4	Mitochondrial and nuclear DNA sequence variation of presumed <i>Crassostrea gigas</i> and <i>Crassostrea angulata</i> specimens: a new oyster species in Hong Kong?. <i>Aquaculture</i> , 2003, 228, 15-25.	1.7	67
5	Strategies for the retention of high genetic variability in European flat oyster (<i>Ostrea edulis</i>) restoration programmes. <i>Conservation Genetics</i> , 2010, 11, 1899-1910.	0.8	63
6	Analysis of Genome-Wide Differentiation between Native and Introduced Populations of the Cupped Oysters <i>Crassostrea gigas</i> and <i>Crassostrea angulata</i> . <i>Genome Biology and Evolution</i> , 2018, 10, 2518-2534.	1.1	52
7	Population genomics shed light on the demographic and adaptive histories of European invasion in the Pacific oyster, <i>Crassostrea gigas</i> . <i>Evolutionary Applications</i> , 2013, 6, 1064-1078.	1.5	51
8	Impact of Diuron on Aneuploidy and Hemocyte Parameters in Pacific Oyster, <i>Crassostrea gigas</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 52, 58-63.	2.1	48
9	Chromosome loss in bi-parental progenies of tetraploid Pacific oyster <i>Crassostrea gigas</i> . <i>Aquaculture</i> , 2005, 247, 97-105.	1.7	39
10	Effects of cadmium on aneuploidy and hemocyte parameters in the Pacific oyster, <i>Crassostrea gigas</i> . <i>Aquatic Toxicology</i> , 2006, 78, 149-156.	1.9	38
11	Invasion genetics of the Pacific oyster <i>Crassostrea gigas</i> in the British Isles inferred from microsatellite and mitochondrial markers. <i>Biological Invasions</i> , 2015, 17, 2581-2595.	1.2	38
12	<i>Bonamia ostreae</i> -induced mortalities in one-year old European flat oysters <i>Ostrea edulis</i> : experimental infection by cohabitation challenge. <i>Aquatic Living Resources</i> , 2008, 21, 423-439.	0.5	37
13	Detection of phenoloxidase activity in early stages of the Pacific oyster <i>Crassostrea gigas</i> (Thunberg). <i>Developmental and Comparative Immunology</i> , 2009, 33, 653-659.	1.0	32
14	Complete mitochondrial DNA sequence of the European flat oyster <i>Ostrea edulis</i> confirms Ostreidae classification. <i>BMC Research Notes</i> , 2011, 4, 400.	0.6	32
15	A Complementary Method for Production of Tetraploid <i>Crassostrea gigas</i> Using Crosses Between Diploids and Tetraploids with Cytochalasin B Treatments. <i>Marine Biotechnology</i> , 2005, 7, 318-330.	1.1	31
16	A High Load of Non-neutral Amino-Acid Polymorphisms Explains High Protein Diversity Despite Moderate Effective Population Size in a Marine Bivalve With Sweepstakes Reproduction. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 333-341.	0.8	31
17	Genotyping of a microsatellite locus to differentiate clinical Ostreid herpesvirus 1 specimens. <i>Veterinary Research</i> , 2014, 45, 3.	1.1	31
18	Rapid expansion of the invasive oyster <i>Crassostrea gigas</i> at its northern distribution limit in Europe: Naturally dispersed or introduced?. <i>PLoS ONE</i> , 2017, 12, e0177481.	1.1	29

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19	Development of four EST-SSR multiplex PCRs in the Pacific oyster (<i>Crassostrea gigas</i>) and their validation in parentage assignment. <i>Aquaculture</i> , 2010, 310, 234-239.	1.7	28
20	Impact of atrazine on aneuploidy in pacific oysters, <i>Crassostrea gigas</i> . <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 219-223.	2.2	24
21	Phylogeographic study of the dwarf oyster, <i>Ostreola stentina</i> , from Morocco, Portugal and Tunisia: evidence of a geographic disjunction with the closely related taxa, <i>Ostrea aequipurpurata</i> and <i>Ostreola equestris</i> . <i>Marine Biology</i> , 2006, 150, 103-110.	0.7	24
22	Multiplex PCR sets of novel microsatellite loci for the great scallop <i>Pecten maximus</i> and their application in parentage assignment. <i>Aquatic Living Resources</i> , 2013, 26, 207-213.	0.5	19
23	Mortality of marine mussels <i>Mytilus edulis</i> and <i>M. galloprovincialis</i> : systematic literature review of risk factors and recommendations for future research. <i>Reviews in Aquaculture</i> , 2021, 13, 504-536.	4.6	18
24	Can survival of European flat oysters following experimental infection with <i>Bonamia ostreae</i> be predicted using QTLs?. <i>Aquaculture</i> , 2015, 448, 521-530.	1.7	17
25	Additive transcriptomic variation associated with reproductive traits suggest local adaptation in a recently settled population of the Pacific oyster, <i>Crassostrea gigas</i> . <i>BMC Genomics</i> , 2015, 16, 808.	1.2	15
26	Endonuclease banding reveals that atrazine-induced aneuploidy resembles spontaneous chromosome loss in <i>Crassostrea gigas</i> . <i>Genome</i> , 2005, 48, 177-180.	0.9	14
27	Characterization of 27 microsatellite loci in the European flat oyster <i>Ostrea edulis</i> . <i>Molecular Ecology Resources</i> , 2009, 9, 960-963.	2.2	14
28	GENETIC DIVERSITY OF THE EUROPEAN OYSTER (<i>OSTREA EDULIS</i> L.) IN NOVA SCOTIA: COMPARISON WITH OTHER PARTS OF CANADA, MAINE AND EUROPE AND IMPLICATIONS FOR BROODSTOCK MANAGEMENT. <i>Journal of Shellfish Research</i> , 2006, 25, 543-551.	0.3	12
29	Contribution of in Vivo Experimental Challenges to Understanding Flat Oyster <i>Ostrea edulis</i> Resistance to <i>Bonamia ostreae</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 433.	1.8	12
30	Genomic Approaches in Aquaculture and Fisheries. , 2010, , 213-286.		5
31	Gonad volume assessment in the oyster <i>Crassostrea gigas</i> : Comparison between a histological method and a magnetic resonance imaging (MRI) method. <i>Aquaculture</i> , 2012, 370-371, 84-89.	1.7	5
32	Genetic Characterization of Cupped Oyster Resources in Europe Using Informative Single Nucleotide Polymorphism (SNP) Panels. <i>Genes</i> , 2020, 11, 451.	1.0	4
33	IMPACT OF ATRAZINE ON ANEUPLOIDY IN PACIFIC OYSTERS, <i>CRASSOSTREA GIGAS</i> . <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 219.	2.2	2
34	Genetic parallelism between European flat oyster populations at the edge of their natural range. <i>Evolutionary Applications</i> , 0, , .	1.5	2