

Xavier Bailly

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,221
citations

361413

20
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

1919
citing authors

#	ARTICLE	IF	CITATIONS
1	Research perspectives on animal health in the era of artificial intelligence. <i>Veterinary Research</i> , 2021, 52, 40.	3.0	34
2	Characterization of internal ribosome entry sites according to secondary structure analysis to classify border disease virus strains. <i>Journal of Virological Methods</i> , 2020, 275, 113704.	2.1	1
3	Differential homotypic and heterotypic interactions of antigen 43 (Ag43) variants in autoporter-mediated bacterial autoaggregation. <i>Scientific Reports</i> , 2019, 9, 11100.	3.3	16
4	Rarity of microbial species: In search of reliable associations. <i>PLoS ONE</i> , 2019, 14, e0200458.	2.5	20
5	Phylogenetics of the <i>Spiroplasma ixodetis</i> endosymbiont reveals past transfers between ticks and other arthropods. <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 575-584.	2.7	28
6	Contribution of nitric oxide synthase from coagulase-negative staphylococci to the development of red myoglobin derivatives. <i>International Journal of Food Microbiology</i> , 2018, 266, 310-316.	4.7	15
7	Does the impact of biodiversity differ between emerging and endemic pathogens? The need to separate the concepts of hazard and risk. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160129.	4.0	58
8	Molecular epidemiology of <i>Coxiella burnetii</i> in French livestock reveals the existence of three main genotype clusters and suggests species-specific associations as well as regional stability. <i>Infection, Genetics and Evolution</i> , 2017, 48, 142-149.	2.3	19
9	Host specificity, pathogen exposure, and superinfections impact the distribution of <i>Anaplasma phagocytophilum</i> genotypes in ticks, roe deer, and livestock in a fragmented agricultural landscape. <i>Infection, Genetics and Evolution</i> , 2017, 55, 31-44.	2.3	15
10	Hidden Markov phylogenetic models offer an interesting perspective to identify "high risk lineages" of environmental pathogens. <i>Infection, Genetics and Evolution</i> , 2017, 55, 45-47.	2.3	3
11	Identification of the Autochaperone Domain in the Type Va Secretion System (T5aSS): Prevalent Feature of Autoporters with a β -Helical Passenger. <i>Frontiers in Microbiology</i> , 2017, 8, 2607.	3.5	17
12	Multiple independent transmission cycles of a tick-borne pathogen within a local host community. <i>Scientific Reports</i> , 2016, 6, 31273.	3.3	11
13	Mapping human risk of infection with <i>Borrelia burgdorferi sensu lato</i> , the agent of Lyme borreliosis, in a periurban forest in France. <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 644-652.	2.7	52
14	Interdisciplinarity and Infectious Diseases: An Ebola Case Study. <i>PLoS Pathogens</i> , 2015, 11, e1004992.	4.7	25
15	Bacterial genospecies that are not ecologically coherent: population genomics of <i>Rhizobium leguminosarum</i> . <i>Open Biology</i> , 2015, 5, 140133.	3.6	160
16	Metacommunity and phylogenetic structure determine wildlife and zoonotic infectious disease patterns in time and space. <i>Ecology and Evolution</i> , 2015, 5, 865-873.	1.9	64
17	Circulation of <i>Coxiella burnetii</i> in a Naturally Infected Flock of Dairy Sheep: Shedding Dynamics, Environmental Contamination, and Genotype Diversity. <i>Applied and Environmental Microbiology</i> , 2015, 81, 7253-7260.	3.1	46
18	Comparative Population Genomics of the <i>Borrelia burgdorferi</i> Species Complex Reveals High Degree of Genetic Isolation among Species and Underscores Benefits and Constraints to Studying Intra-Specific Epidemiological Processes. <i>PLoS ONE</i> , 2014, 9, e94384.	2.5	25

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19	Multilocus sequence analysis of <i>Anaplasma phagocytophilum</i> reveals three distinct lineages with different host ranges in clinically ill French cattle. <i>Veterinary Research</i> , 2014, 45, 114.	3.0	26
20	A new multiple-locus variable-number tandem repeat analysis reveals different clusters for <i>Anaplasma phagocytophilum</i> circulating in domestic and wild ruminants. <i>Parasites and Vectors</i> , 2014, 7, 439.	2.5	32
21	High-Throughput Sequence Typing Reveals Genetic Differentiation and Host Specialization among Populations of the <i>Borrelia burgdorferi</i> Species Complex that Infect Rodents. <i>PLoS ONE</i> , 2014, 9, e88581.	2.5	26
22	Single Genotype of <i>Anaplasma phagocytophilum</i> Identified from Ticks, Camargue, France. <i>Emerging Infectious Diseases</i> , 2013, 19, 825-7.	4.3	26
23	Population genomics of <i>Sinorhizobium medicae</i> based on low-coverage sequencing of sympatric isolates. <i>ISME Journal</i> , 2011, 5, 1722-1734.	9.8	41
24	Nickel Resistance Determinants in <i>Bradyrhizobium</i> Strains from Nodules of the Endemic New Caledonia Legume <i>Serianthes calycina</i> . <i>Applied and Environmental Microbiology</i> , 2007, 73, 8018-8022.	3.1	49
25	Horizontal Gene Transfer and Homologous Recombination Drive the Evolution of the Nitrogen-Fixing Symbionts of <i>Medicago</i> Species. <i>Journal of Bacteriology</i> , 2007, 189, 5223-5236.	2.2	80
26	New analysis for consistency among markers in the study of genetic diversity: development and application to the description of bacterial diversity. <i>BMC Evolutionary Biology</i> , 2007, 7, 156.	3.2	10
27	Distribution of <i>Medicago</i> Species and Their Microsymbionts in a Saline Region of Algeria. <i>Arid Land Research and Management</i> , 2006, 20, 219-231.	1.6	5
28	Recombination and selection shape the molecular diversity pattern of nitrogen-fixing <i>Sinorhizobium</i> sp. associated to <i>Medicago</i> . <i>Molecular Ecology</i> , 2006, 15, 2719-2734.	3.9	77
29	Development of a lab-made microarray for analyzing the genetic diversity of nitrogen fixing symbionts <i>Sinorhizobium meliloti</i> and <i>Sinorhizobium medicae</i> . <i>Journal of Microbiological Methods</i> , 2006, 67, 114-124.	1.6	7
30	Nitrogen-fixing <i>sinorhizobia</i> with <i>Medicago laciniata</i> constitute a novel biovar (bv. <i>medicaginis</i>) of <i>S. meliloti</i> . <i>Systematic and Applied Microbiology</i> , 2006, 29, 526-538.	2.8	65
31	Nitrogen-fixing nodules from rose wood legume trees (<i>Dalbergia</i> spp.) endemic to Madagascar host seven different genera belonging to α - and β -Proteobacteria. <i>Molecular Ecology</i> , 2005, 14, 4135-4146.	3.9	108
32	Analysis of microsatellite variation in the spider mite pest <i>Tetranychus turkestani</i> (Acari: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (factors. <i>Biological Journal of the Linnean Society</i> , 2004, 82, 69-78.	1.6	50