

Christine Cagnon

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

823
citations

567281

15
h-index

526287

27
g-index

31
all docs

31
docs citations

31
times ranked

1144
citing authors

#	ARTICLE	IF	CITATIONS
1	Proline-dependent oligomerization with arm exchange. <i>Structure</i> , 1997, 5, 391-401.	3.3	138
2	Crystal structure and site-directed mutagenesis of a bleomycin resistance protein and their significance for drug sequestering. <i>EMBO Journal</i> , 1994, 13, 2483-2492.	7.8	94
3	A new family of sugar-inducible expression vectors for <i>Escherichia coli</i> . <i>Protein Engineering, Design and Selection</i> , 1991, 4, 843-847.	2.1	61
4	Impact of Oil on Bacterial Community Structure in Bioturbated Sediments. <i>PLoS ONE</i> , 2013, 8, e65347.	2.5	61
5	Exploring Actinobacteria assemblages in coastal marine sediments under contrasted Human influences in the West Istria Sea, Croatia. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15215-15229.	5.3	54
6	Genome Sequence of the Marine Bacterium <i>Marinobacter hydrocarbonoclasticus</i> SP17, Which Forms Biofilms on Hydrophobic Organic Compounds. <i>Journal of Bacteriology</i> , 2012, 194, 3539-3540.	2.2	50
7	Site-directed mutagenesis of active site contact residues in a hydrolytic abzyme: evidence for an essential histidine involved in transition state stabilization. <i>Journal of Molecular Biology</i> , 1997, 267, 1247-1257.	4.2	49
8	Characterization of the unlinked 16S rDNA and 23S-5S rRNA operon of <i>Wolbachia pipientis</i> , a prokaryotic parasite of insect gonads. <i>Gene</i> , 1995, 165, 81-86.	2.2	34
9	Phylogeographic differentiation of storm petrels (<i>Hydrobates pelagicus</i>) based on cytochrome b mitochondrial DNA variation. <i>Marine Biology</i> , 2004, 145, 1257-1264.	1.5	33
10	Microbial diversity alteration reveals biomarkers of contamination in soil-river-lake continuum. <i>Journal of Hazardous Materials</i> , 2022, 421, 126789.	12.4	30
11	Characterization of new bacterial catabolic genes and mobile genetic elements by high throughput genetic screening of a soil metagenomic library. <i>Journal of Biotechnology</i> , 2014, 190, 18-29.	3.8	26
12	Integron diversity in bacterial communities of freshwater sediments at different contamination levels. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv140.	2.7	23
13	Variation of Oxygenation Conditions on a Hydrocarbonoclastic Microbial Community Reveals <i>Alcanivorax</i> and <i>Cycloclasticus</i> Ecotypes. <i>Frontiers in Microbiology</i> , 2017, 8, 1549.	3.5	21
14	Effect of physical sediments reworking on hydrocarbon degradation and bacterial community structure in marine coastal sediments. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15248-15259.	5.3	20
15	Crystallization and preliminary X-ray data of a phleomycin-binding protein from <i>Streptoalloteichus hindustanus</i> . <i>Journal of Molecular Biology</i> , 1989, 207, 645-646.	4.2	17
16	Integron diversity in marine environments. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15360-15369.	5.3	17
17	Phenolic Pattern of Bean (<i>Phaseolus vulgaris</i> L.) as an Indicator of Chronic Ozone Stress. <i>Water, Air, and Soil Pollution</i> , 1998, 106, 355-368.	2.4	15
18	First Gene Cassettes of Integrons as Targets in Finding Adaptive Genes in Metagenomes. <i>Applied and Environmental Microbiology</i> , 2009, 75, 3823-3825.	3.1	14

#	ARTICLE	IF	CITATIONS
19	Phylogeography of the white-throated dipper <i>Cinclus cinclus</i> in Europe. <i>Journal Fur Ornithologie</i> , 2005, 146, 257-262.	1.2	11
20	Title is missing!. <i>Genetica</i> , 1997, 100, 141-148.	1.1	10
21	Microbial Responses to Pollution – Ecotoxicology: Introducing the Different Biological Levels. , 2017, , 45-62.		8
22	New insights in bacterial and eukaryotic diversity of microbial mats inhabiting exploited and abandoned salterns at the RÃ© Island (France). <i>Microbiological Research</i> , 2021, 252, 126854.	5.3	7
23	Environmental integrons: the dark side of the integron world. <i>Trends in Microbiology</i> , 2022, , .	7.7	7
24	Assessment of young yellow European eel <i>Anguilla anguilla</i> L. exposure to a CYP1A1 inducer by the quantification of increase in hepatic CYP1A1 mRNA using real-time RT-PCR. <i>Journal of Fish Biology</i> , 2007, 71, 470-477.	1.6	6
25	Use of dispersant in mudflat oil-contaminated sediment: behavior and effects of dispersed oil on micro- and macrobenthos. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15370-15376.	5.3	6
26	Temporal genetic variation in European eel <i>Anguilla anguilla</i> (Linnaeus, 1748): A fine scale investigation in the Adour estuary. <i>Marine Biology Research</i> , 2011, 7, 515-519.	0.7	4
27	Legacy and dispersant influence microbial community dynamics in cold seawater contaminated by crude oil water accommodated fractions. <i>Environmental Research</i> , 2022, 212, 113467.	7.5	4
28	Research Note: Quantification of Increase in Hepatic CYP1A1 mRNA by Real-Time RT-PCR after Exposure of the European Eel (<i>Anguilla anguilla</i>) to a Diesel Oil Water Soluble Fraction. <i>Environmental Bioindicators</i> , 2007, 2, 47-51.	0.4	1
29	Hydrocarbon Degradation in Coastal Muddy Areas and Anoxic Ecosystems (DHYVA Project): Role of Bacterial Mechanisms and Bioturbation Effects on the Biodisponibility of Organic Pollutants. , 2010, , 393-395.		1
30	Impact of Hydrocarbons on Marine Microbial Communities. , 2010, , 335-339.		1