

Anna Toldrà Filella

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

425
citations

687363

13
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical biosensor for the dual detection of <i>Gambierdiscus australes</i> and <i>Gambierdiscus excentricus</i> in field samples. First report of <i>G. excentricus</i> in the Balearic Islands. <i>Science of the Total Environment</i> , 2022, 806, 150915.	8.0	12
2	Nitrocellulose-bound achromopeptidase for point-of-care nucleic acid tests. <i>Scientific Reports</i> , 2021, 11, 6140.	3.3	8
3	Use of anionic polymer-coated magnetic beads to pre-concentrate Ostreid Herpesvirus 1 from seawater: Application to a UV disinfection treatment. <i>Aquaculture</i> , 2021, 536, 736452.	3.5	1
4	Detection of <i>Gambierdiscus</i> and <i>Fukuyoa</i> single cells using recombinase polymerase amplification combined with a sandwich hybridization assay. <i>Journal of Applied Phycology</i> , 2021, 33, 2273-2282.	2.8	7
5	Amplified plasmonic and microfluidic setup for DNA monitoring. <i>Mikrochimica Acta</i> , 2021, 188, 326.	5.0	0
6	Biosensors Based on Isothermal DNA Amplification for Bacterial Detection in Food Safety and Environmental Monitoring. <i>Sensors</i> , 2021, 21, 602.	3.8	56
7	Electroanalytical Paper-Based Nucleic Acid Amplification Biosensors with Integrated Thread Electrodes. <i>Analytical Chemistry</i> , 2021, 93, 14187-14195.	6.5	22
8	Detection of isothermally amplified ostreid herpesvirus 1 DNA in Pacific oyster (<i>Crassostrea gigas</i>) using a miniaturised electrochemical biosensor. <i>Talanta</i> , 2020, 207, 120308.	5.5	18
9	Detecting harmful algal blooms with nucleic acid amplification-based biotechnological tools. <i>Science of the Total Environment</i> , 2020, 749, 141605.	8.0	20
10	Rapid detection of ciguatoxins in <i>Gambierdiscus</i> and <i>Fukuyoa</i> with immunosensing tools. <i>Ecotoxicology and Environmental Safety</i> , 2020, 204, 111004.	6.0	22
11	A Single-Tube HNB-Based Loop-Mediated Isothermal Amplification for the Robust Detection of the Ostreid herpesvirus 1. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6605.	4.1	8
12	<i>Gambierdiscus</i> and <i>Fukuyoa</i> as potential indicators of ciguatera risk in the Balearic Islands. <i>Harmful Algae</i> , 2020, 99, 101913.	4.8	27
13	Detecting Harmful Algal Blooms with Isothermal Molecular Strategies. <i>Trends in Biotechnology</i> , 2019, 37, 1278-1281.	9.3	9
14	Detection of <i>Ostreopsis cf. ovata</i> in environmental samples using an electrochemical DNA-based biosensor. <i>Science of the Total Environment</i> , 2019, 689, 655-661.	8.0	26
15	Electrochemical genosensor for the direct detection of tailed PCR amplicons incorporating ferrocene labelled dATP. <i>Biosensors and Bioelectronics</i> , 2019, 134, 76-82.	10.1	24
16	Colorimetric DNA-based assay for the specific detection and quantification of <i>Ostreopsis cf. ovata</i> and <i>Ostreopsis cf. siamensis</i> in the marine environment. <i>Harmful Algae</i> , 2019, 84, 27-35.	4.8	19
17	Dual quantitative PCR assay for identification and enumeration of <i>Karlodinium veneficum</i> and <i>Karlodinium armiger</i> combined with a simple and rapid DNA extraction method. <i>Journal of Applied Phycology</i> , 2018, 30, 2435-2445.	2.8	27
18	Self-assembled monolayer-based immunoassays for okadaic acid detection in seawater as monitoring tools. <i>Marine Environmental Research</i> , 2018, 133, 6-14.	2.5	18

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19	Rapid capture and detection of ostreid herpesvirus-1 from Pacific oyster <i>Crassostrea gigas</i> and seawater using magnetic beads. <i>PLoS ONE</i> , 2018, 13, e0205207.	2.5	10
20	Assessment of cytotoxicity in ten strains of <i>Gambierdiscus australes</i> from Macaronesian Islands by neuro-2a cell-based assays. <i>Journal of Applied Phycology</i> , 2018, 30, 2447-2461.	2.8	38
21	Detection and quantification of the toxic marine microalgae <i>Karlodinium veneficum</i> and <i>Karlodinium armiger</i> using recombinase polymerase amplification and enzyme-linked oligonucleotide assay. <i>Analytica Chimica Acta</i> , 2018, 1039, 140-148.	5.4	45
22	Trends and Prospects on Electrochemical Biosensors for the Detection of Marine Toxins. <i>Comprehensive Analytical Chemistry</i> , 2017, , 303-341.	1.3	8