Anna ToldrÃ Filella

List of Publications by Year
in descending order

22	425	687363 13	752698 20
papers	citations	h-index	g-index

22	22	22	424
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biosensors Based on Isothermal DNA Amplification for Bacterial Detection in Food Safety and Environmental Monitoring. Sensors, 2021, 21, 602.	3.8	56
2	Detection and quantification of the toxic marine microalgae Karlodinium veneficum and Karlodinium armiger using recombinase polymerase amplification and enzyme-linked oligonucleotide assay. Analytica Chimica Acta, 2018, 1039, 140-148.	5.4	45
3	Assessment of cytotoxicity in ten strains of Gambierdiscus australes from Macaronesian Islands by neuro-2a cell-based assays. Journal of Applied Phycology, 2018, 30, 2447-2461.	2.8	38
4	Dual quantitative PCR assay for identification and enumeration of Karlodinium veneficum and Karlodinium armiger combined with a simple and rapid DNA extraction method. Journal of Applied Phycology, 2018, 30, 2435-2445.	2.8	27
5	Gambierdiscus and Fukuyoa as potential indicators of ciguatera risk in the Balearic Islands. Harmful Algae, 2020, 99, 101913.	4.8	27
6	Detection of Ostreopsis cf. ovata in environmental samples using an electrochemical DNA-based biosensor. Science of the Total Environment, 2019, 689, 655-661.	8.0	26
7	Electrochemical genosensor for the direct detection of tailed PCR amplicons incorporating ferrocene labelled dATP. Biosensors and Bioelectronics, 2019, 134, 76-82.	10.1	24
8	Rapid detection of ciguatoxins in Gambierdiscus and Fukuyoa with immunosensing tools. Ecotoxicology and Environmental Safety, 2020, 204, 111004.	6.0	22
9	Electroanalytical Paper-Based Nucleic Acid Amplification Biosensors with Integrated Thread Electrodes. Analytical Chemistry, 2021, 93, 14187-14195.	6.5	22
10	Detecting harmful algal blooms with nucleic acid amplification-based biotechnological tools. Science of the Total Environment, 2020, 749, 141605.	8.0	20
11	Colorimetric DNA-based assay for the specific detection and quantification of Ostreopsis cf. ovata and Ostreopsis cf. siamensis in the marine environment. Harmful Algae, 2019, 84, 27-35.	4.8	19
12	Self-assembled monolayer-based immunoassays for okadaic acid detection in seawater as monitoring tools. Marine Environmental Research, 2018, 133, 6-14.	2.5	18
13	Detection of isothermally amplified ostreid herpesvirus 1 DNA in Pacific oyster (Crassostrea gigas) using a miniaturised electrochemical biosensor. Talanta, 2020, 207, 120308.	5.5	18
14	Electrochemical biosensor for the dual detection of Gambierdiscus australes and Gambierdiscus excentricus in field samples. First report of G. excentricus in the Balearic Islands. Science of the Total Environment, 2022, 806, 150915.	8.0	12
15	Rapid capture and detection of ostreid herpesvirus-1 from Pacific oyster Crassostrea gigas and seawater using magnetic beads. PLoS ONE, 2018, 13, e0205207.	2.5	10
16	Detecting Harmful Algal Blooms with Isothermal Molecular Strategies. Trends in Biotechnology, 2019, 37, 1278-1281.	9.3	9
17	Trends and Prospects on Electrochemical Biosensors for the Detection of Marine Toxins. Comprehensive Analytical Chemistry, 2017, , 303-341.	1.3	8
18	A Single-Tube HNB-Based Loop-Mediated Isothermal Amplification for the Robust Detection of the Ostreid herpesvirus 1. International Journal of Molecular Sciences, 2020, 21, 6605.	4.1	8

#	Article	IF	Citations
19	Nitrocellulose-bound achromopeptidase for point-of-care nucleic acid tests. Scientific Reports, 2021, 11, 6140.	3.3	8
20	Detection of Gambierdiscus and Fukuyoa single cells using recombinase polymerase amplification combined with a sandwich hybridization assay. Journal of Applied Phycology, 2021, 33, 2273-2282.	2.8	7
21	Use of anionic polymer-coated magnetic beads to pre-concentrate Ostreid Herpesvirus 1 from seawater: Application to a UV disinfection treatment. Aquaculture, 2021, 536, 736452.	3.5	1
22	Amplified plasmonic and microfluidic setup for DNA monitoring. Mikrochimica Acta, 2021, 188, 326.	5.0	0