

# Teresa A P Rocha-Santos

## List of Publications by Year in descending order

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Version: 2024-02-01

205  
papers

15,702  
citations

25034

57  
h-index

18647

119  
g-index

214  
all docs

214  
docs citations

214  
times ranked

16543  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosorption potential of the shell of <i>Corbicula fluminea</i> towards olive oil mill waste. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 5689-5696.	3.5	1
2	The road to sustainable use and waste management of plastics in Portugal. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 5.	6.0	11
3	Novel methodology for identification and quantification of microplastics in biological samples. <i>Environmental Pollution</i> , 2022, 292, 118466.	7.5	16
4	Effects of virgin and weathered polystyrene and polypropylene microplastics on <i>Raphidocelis subcapitata</i> and embryos of <i>Danio rerio</i> under environmental concentrations. <i>Science of the Total Environment</i> , 2022, 816, 151642.	8.0	28
5	Organic contaminants in marine sediments and seawater: A review for drawing environmental diagnostics and searching for informative predictors. <i>Science of the Total Environment</i> , 2022, 808, 152012.	8.0	12
6	Suspected microplastics in Atlantic horse mackerel fish ( <i>Trachurus trachurus</i> ) captured in Portugal. <i>Marine Pollution Bulletin</i> , 2022, 174, 113249.	5.0	20
7	A straightforward method for microplastic extraction from organic-rich freshwater samples. <i>Science of the Total Environment</i> , 2022, 815, 152941.	8.0	21
8	Airborne Microplastics. , 2022, , 177-201.		2
9	VIRTUAL SPECIAL ISSUE "MICROPLASTICS 2022" <i>Journal of Hazardous Materials</i> , 2022, 434, 128838.	12.4	0
10	Are mulch biofilms used in agriculture an environmentally friendly solution? - An insight into their biodegradability and ecotoxicity using key organisms in soil ecosystems. <i>Science of the Total Environment</i> , 2022, 828, 154269.	8.0	26
11	An introduction to the concept of One Health. , 2022, , 1-31.		5
12	Types, occurrence, and distribution of microplastics and metals contamination in sediments from south west of Kerkennah archipelago, Tunisia. <i>Environmental Science and Pollution Research</i> , 2021, 28, 46477-46487.	5.3	17
13	Contamination issues as a challenge in quality control and quality assurance in microplastics analytics. <i>Journal of Hazardous Materials</i> , 2021, 403, 123660.	12.4	155
14	Comment on recent article "Identification of microplastics in white wines capped with polyethylene stoppers using micro-Raman spectroscopy", published in <i>Food Chemistry</i> (2020). <i>Food Chemistry</i> , 2021, 342, 128363.	8.2	2
15	Increased plastic pollution due to COVID-19 pandemic: Challenges and recommendations. <i>Chemical Engineering Journal</i> , 2021, 405, 126683.	12.7	552
16	Microplastic (MP) Pollution in Sidi Youssef Harbor of the Kerkennah Islands, Sfax (Tunisia). <i>Environmental Science and Engineering</i> , 2021, , 2083-2088.	0.2	1
17	Disposable over Reusable Face Masks: Public Safety or Environmental Disaster?. <i>Environments - MDPI</i> , 2021, 8, 31.	3.3	38
18	Microplastics in landfill leachates: The need for reconnaissance studies and remediation technologies. <i>Case Studies in Chemical and Environmental Engineering</i> , 2021, 3, 100072.	6.1	86

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19	Unveiling Biological Activities of Marine Fungi: The Effect of Sea Salt. Applied Sciences (Switzerland), 2021, 11, 6008.	2.5	11
20	Microplastics on Barra beach sediments in Aveiro, Portugal. Marine Pollution Bulletin, 2021, 167, 112264.	5.0	24
21	Microplastics and fibers from three areas under different anthropogenic pressures in Douro river. Science of the Total Environment, 2021, 776, 145999.	8.0	37
22	A One Health perspective of the impacts of microplastics on animal, human and environmental health. Science of the Total Environment, 2021, 777, 146094.	8.0	130
23	Are Biobased Plastics Green Alternatives? A Critical Review. International Journal of Environmental Research and Public Health, 2021, 18, 7729.	2.6	48
24	Selection of microplastics by Nile Red staining increases environmental sample throughput by micro-Raman spectroscopy. Science of the Total Environment, 2021, 783, 146979.	8.0	36
25	Preparation of biological samples for microplastic identification by Nile Red. Science of the Total Environment, 2021, 783, 147065.	8.0	36
26	Considerations when using microplates and Neubauer counting chamber in ecotoxicity tests on microplastics. Marine Pollution Bulletin, 2021, 170, 112615.	5.0	6
27	Risks of Covid-19 face masks to wildlife: Present and future research needs. Science of the Total Environment, 2021, 792, 148505.	8.0	73
28	An urgent call to think globally and act locally on landfill disposable plastics under and after covid-19 pandemic: Pollution prevention and technological (Bio) remediation solutions. Chemical Engineering Journal, 2021, 426, 131201.	12.7	59
29	Airborne microplastics and fibers in indoor residential environments in Aveiro, Portugal. Environmental Advances, 2021, 6, 100134.	4.8	20
30	Environmental exposure to microplastics: An overview on possible human health effects. Science of the Total Environment, 2020, 702, 134455.	8.0	1,101
31	Potential of the bivalve Corbicula fluminea for the remediation of olive oil wastewaters. Journal of Cleaner Production, 2020, 252, 119773.	9.3	20
32	Effects of spatial and seasonal factors on the characteristics and carbonyl index of (micro)plastics in a sandy beach in Aveiro, Portugal. Science of the Total Environment, 2020, 709, 135892.	8.0	63
33	An easy method for processing and identification of natural and synthetic microfibers and microplastics in indoor and outdoor air. MethodsX, 2020, 7, 100762.	1.6	68
34	Airborne Microplastics. , 2020, , 1-25.		2
35	Effects of distance to the sea and geomorphological characteristics on the quantity and distribution of microplastics in beach sediments of Granada (Spain). Science of the Total Environment, 2020, 746, 142023.	8.0	33
36	The importance of contamination control in airborne fibers and microplastic sampling: Experiences from indoor and outdoor air sampling in Aveiro, Portugal. Marine Pollution Bulletin, 2020, 159, 111522.	5.0	88

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37	The Role of Legislation, Regulatory Initiatives and Guidelines on the Control of Plastic Pollution. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	84
38	COVID-19 Pandemic Repercussions on the Use and Management of Plastics. <i>Environmental Science &amp; Technology</i> , 2020, 54, 7760-7765.	10.0	649
39	Identification of microplastics in white wines capped with polyethylene stoppers using micro-Raman spectroscopy. <i>Food Chemistry</i> , 2020, 331, 127323.	8.2	95
40	Rethinking and optimising plastic waste management under COVID-19 pandemic: Policy solutions based on redesign and reduction of single-use plastics and personal protective equipment. <i>Science of the Total Environment</i> , 2020, 742, 140565.	8.0	331
41	Major factors influencing the quantification of Nile Red stained microplastics and improved automatic quantification (MP-VAT 2.0). <i>Science of the Total Environment</i> , 2020, 719, 137498.	8.0	59
42	What Is the Minimum Volume of Sample to Find Small Microplastics: Laboratory Experiments and Sampling of Aveiro Lagoon and Vouga River, Portugal. <i>Water (Switzerland)</i> , 2020, 12, 1219.	2.7	20
43	Environmental status of (micro)plastics contamination in Portugal. <i>Ecotoxicology and Environmental Safety</i> , 2020, 200, 110753.	6.0	32
44	Worldwide contamination of fish with microplastics: A brief global overview. <i>Marine Pollution Bulletin</i> , 2020, 160, 111681.	5.0	77
45	A new approach for routine quantification of microplastics using Nile Red and automated software (MP-VAT). <i>Science of the Total Environment</i> , 2019, 690, 1277-1283.	8.0	149
46	Solutions and Integrated Strategies for the Control and Mitigation of Plastic and Microplastic Pollution. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2411.	2.6	258
47	White bean ( <i>Phaseolus vulgaris</i> L.) as a sorbent for the removal of zinc from rainwater. <i>Water Research</i> , 2019, 162, 170-179.	11.3	9
48	Evaluation of the Potential Toxicity of Effluents from the Textile Industry before and after Treatment. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3804.	2.5	27
49	Identifying a quick and efficient method of removing organic matter without damaging microplastic samples. <i>Science of the Total Environment</i> , 2019, 686, 131-139.	8.0	182
50	Microplastic pollution in the sediments of Sidi Mansour Harbor in Southeast Tunisia. <i>Marine Pollution Bulletin</i> , 2019, 146, 92-99.	5.0	48
51	<i>Sargassum muticum</i> and <i>Osmundea pinnatifida</i> Enzymatic Extracts: Chemical, Structural, and Cytotoxic Characterization. <i>Marine Drugs</i> , 2019, 17, 209.	4.6	24
52	Effects of cobalt oxide nanomaterial on plants and soil invertebrates at different levels of biological organization. <i>Journal of Soils and Sediments</i> , 2019, 19, 3018-3034.	3.0	10
53	Effects of microplastics on microalgae populations: A critical review. <i>Science of the Total Environment</i> , 2019, 665, 400-405.	8.0	288
54	Significance of interactions between microplastics and POPs in the marine environment: A critical overview. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 111, 252-260.	11.4	313

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55	Micro(nano)plastics – Analytical challenges towards risk evaluation. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 111, 173-184.	11.4	79
56	Biotechnological tools for the effective management of plastics in the environment. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 410-441.	12.8	50
57	Methods for sampling and detection of microplastics in water and sediment: A critical review. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 110, 150-159.	11.4	643
58	Oxidation of benzoic acid from biomass burning in atmospheric waters. <i>Environmental Pollution</i> , 2019, 244, 693-704.	7.5	7
59	Microplastics in soils: assessment, analytics and risks. <i>Environmental Chemistry</i> , 2019, 16, 18.	1.5	97
60	Microplastics in the environment: Challenges in analytical chemistry - A review. <i>Analytica Chimica Acta</i> , 2018, 1017, 1-19.	5.4	546
61	Graphene immunosensors for okadaic acid detection in seawater. <i>Microchemical Journal</i> , 2018, 138, 465-471.	4.5	23
62	Degradation of polyethylene microplastics in seawater: Insights into the environmental degradation of polymers. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 866-875.	1.7	148
63	Treatment of a textile effluent by adsorption with cork granules and titanium dioxide nanomaterial. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 524-536.	1.7	9
64	Development of Electrochemical Immunosensors for Endocrine Disrupting Detection. <i>Advances in Science, Technology and Innovation</i> , 2018, , 305-306.	0.4	0
65	Derivation of Terrestrial Predicted No-Effect Concentration (PNEC) for Cobalt Oxide Nanomaterial. <i>Advances in Science, Technology and Innovation</i> , 2018, , 405-407.	0.4	0
66	Treatment of real industrial wastewaters through nano-TiO <sub>2</sub> and nano-Fe <sub>2</sub> O <sub>3</sub> photocatalysis: case study of mining and kraft pulp mill effluents. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 1586-1596.	2.2	31
67	Oxidative stress, energy metabolism and molecular responses of earthworms ( <i>Eisenia fetida</i> ) exposed to low-density polyethylene microplastics. <i>Environmental Science and Pollution Research</i> , 2018, 25, 33599-33610.	5.3	139
68	Enzyme Assays – , 2018, , 271-271.		0
69	Nanomaterials and Microplastics. , 2018, , 117-117.		0
70	Nanomaterials in Lab-on-Chip Chromatography. , 2018, , 387-400.		1
71	CAN PHD PROGRAMS FROM DIFFERENT AREAS BE COMPARED USING BIBLIOMETRIC DATA?. , 2018, ,		0
72	Analytical Techniques for Discovery of Bioactive Compounds from Marine Fungi. , 2017, , 415-434.		3

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73	Biodegradation of polyethylene microplastics by the marine fungus <i>Zalerion maritimum</i> . <i>Science of the Total Environment</i> , 2017, 586, 10-15.	8.0	421
74	Graphene based sensors and biosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 91, 53-66.	11.4	425
75	Effect of probiotic co-cultures on physico-chemical and biochemical properties of small ruminants' fermented milk. <i>International Dairy Journal</i> , 2017, 72, 29-35.	3.0	10
76	How low can you go? A current perspective on low-abundance proteomics. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 93, 171-182.	11.4	12
77	Carbon nanotube field effect transistor biosensor for the detection of toxins in seawater. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 597-605.	3.3	19
78	Review of the ecotoxicological effects of emerging contaminants to soil biota. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017, 52, 992-1007.	1.7	59
79	Salinity induced effects on the growth rates and mycelia composition of basidiomycete and zygomycete fungi. <i>Environmental Pollution</i> , 2017, 231, 1633-1641.	7.5	12
80	Histopathological and molecular effects of microplastics in <i>Eisenia andrei</i> Bouché. <i>Environmental Pollution</i> , 2017, 220, 495-503.	7.5	412
81	Chemical and structural characterization of <i>Pholiota nameko</i> extracts with biological properties. <i>Food Chemistry</i> , 2017, 216, 176-185.	8.2	27
82	Bioactive Polysaccharides Extracts from <i>Sargassum muticum</i> by High Hydrostatic Pressure. <i>Journal of Food Processing and Preservation</i> , 2017, 41, e12977.	2.0	9
83	Biotechnological Production of Conjugated Fatty Acids With Biological Properties. , 2017, , 127-178.		0
84	Recent Progress in Biosensors for Environmental Monitoring: A Review. <i>Sensors</i> , 2017, 17, 2918.	3.8	255
85	Microplastics " Occurrence, Fate and Behaviour in the Environment. <i>Comprehensive Analytical Chemistry</i> , 2017, , 1-24.	1.3	67
86	Ecotoxicity and Toxicity of Nanomaterials with Potential for Wastewater Treatment Applications. , 2017, , 1182-1216.		0
87	Echinoderms. <i>Studies in Natural Products Chemistry</i> , 2016, 49, 1-54.	1.8	10
88	In vitro fermentation and prebiotic potential of selected extracts from seaweeds and mushrooms. <i>LWT - Food Science and Technology</i> , 2016, 73, 131-139.	5.2	60
89	Development of an electrochemical biosensor for alkylphenol detection. <i>Talanta</i> , 2016, 158, 30-34.	5.5	28
90	(Nano)plastics in the environment " Sources, fates and effects. <i>Science of the Total Environment</i> , 2016, 566-567, 15-26.	8.0	725

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91	Ecotoxicity of titanium silicon oxide (TiSiO <sub>4</sub> ) nanomaterial for terrestrial plants and soil invertebrate species. <i>Ecotoxicology and Environmental Safety</i> , 2016, 129, 291-301.	6.0	34
92	Critical overview on the application of sensors and biosensors for clinical analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 36-60.	11.4	113
93	Toxicological impact of cadmium-based quantum dots towards aquatic biota: Effect of natural sunlight exposure. <i>Aquatic Toxicology</i> , 2016, 176, 197-207.	4.0	21
94	Effects of dietary exposure to herbicide and of the nutritive quality of contaminated food on the reproductive output of <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2016, 179, 1-7.	4.0	16
95	Biological synthesis of nanosized sulfide semiconductors: current status and future prospects. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8283-8302.	3.6	21
96	A synopsis on aging—Theories, mechanisms and future prospects. <i>Ageing Research Reviews</i> , 2016, 29, 90-112.	10.9	277
97	Analytical tools to assess aging in humans: The rise of geri-omics. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 80, 204-212.	11.4	8
98	Supercritical fluid extraction of bioactive compounds. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 76, 40-51.	11.4	430
99	Contaminants in aquaculture: Overview of analytical techniques for their determination. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 80, 293-310.	11.4	61
100	Disposable biosensor for detection of iron (III) in wines. <i>Talanta</i> , 2016, 154, 80-84.	5.5	17
101	Immunosensors in Clinical Laboratory Diagnostics. <i>Advances in Clinical Chemistry</i> , 2016, 73, 65-108.	3.7	33
102	Impact of organic nano-vesicles in soil: The case of sodium dodecyl sulphate/didodecyl dimethylammonium bromide. <i>Science of the Total Environment</i> , 2016, 547, 413-421.	8.0	19
103	Photocatalytic Treatment of Olive Oil Mill Wastewater Using TiO <sub>2</sub> and Fe <sub>2</sub> O <sub>3</sub> Nanomaterials. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	14
104	Label-free disposable immunosensor for detection of atrazine. <i>Talanta</i> , 2016, 146, 430-434.	5.5	69
105	Analytical Techniques for Discovery of Bioactive Compounds from Marine Fungi. , 2016, , 1-20.		2
106	Toxicity of solid residues resulting from wastewater treatment with nanomaterials. <i>Aquatic Toxicology</i> , 2015, 165, 172-178.	4.0	28
107	Assessing the ecotoxicity of metal nano-oxides with potential for wastewater treatment. <i>Environmental Science and Pollution Research</i> , 2015, 22, 13212-13224.	5.3	51
108	Analytical applications of affibodies. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 65, 73-82.	11.4	26

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109	Biological treatment with fungi of olive mill wastewater pre-treated by photocatalytic oxidation with nanomaterials. <i>Ecotoxicology and Environmental Safety</i> , 2015, 115, 234-242.	6.0	39
110	Sensors and biosensors for monitoring marine contaminants. <i>Trends in Environmental Analytical Chemistry</i> , 2015, 6-7, 21-30.	10.3	38
111	Chemical composition and nutritive value of <i>Pleurotus citrinopileatus</i> var <i>cornucopiae</i> , <i>P. eryngii</i> , <i>P. salmoneo stramineus</i> , <i>Pholiota nameko</i> and <i>Hericium erinaceus</i> . <i>Journal of Food Science and Technology</i> , 2015, 52, 6927-6939.	2.8	42
112	Chemical composition of red, brown and green macroalgae from Buarcos bay in Central West Coast of Portugal. <i>Food Chemistry</i> , 2015, 183, 197-207.	8.2	241
113	Recent developments in recognition elements for chemical sensors and biosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 68, 2-17.	11.4	242
114	Impact of Enzyme- and Ultrasound-Assisted Extraction Methods on Biological Properties of Red, Brown, and Green Seaweeds from the Central West Coast of Portugal. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 3177-3188.	5.2	130
115	A critical overview of the analytical approaches to the occurrence, the fate and the behavior of microplastics in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 65, 47-53.	11.4	648
116	Characterization of freezing effect upon stability of, probiotic loaded, calcium-alginate microparticles. <i>Food and Bioproducts Processing</i> , 2015, 93, 90-97.	3.6	34
117	Disposable sensors for environmental monitoring of lead, cadmium and mercury. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 64, 183-190.	11.4	82
118	Assessment of cardiovascular disease risk using immunosensors for determination of C-reactive protein levels in serum and saliva: a pilot study. <i>Bioanalysis</i> , 2014, 6, 1459-1470.	1.5	14
119	Green analytical methodologies for the discovery of bioactive compounds from marine sources. <i>Trends in Environmental Analytical Chemistry</i> , 2014, 3-4, 43-52.	10.3	16
120	Direct-reading methods for analysis of volatile organic compounds and nanoparticles in workplace air. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 53, 21-32.	11.4	41
121	Classical Methodologies for Preparation of Extracts and Fractions. <i>Comprehensive Analytical Chemistry</i> , 2014, 65, 35-57.	1.3	7
122	How nanomaterials will interfere with the toxicity of copper?. <i>Toxicology Letters</i> , 2014, 229, S202.	0.8	0
123	Introduction to the Analysis of Bioactive Compounds in Marine Samples. <i>Comprehensive Analytical Chemistry</i> , 2014, , 1-13.	1.3	8
124	Sensors and biosensors based on magnetic nanoparticles. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 62, 28-36.	11.4	401
125	Green Analytical Methodologies for Preparation of Extracts and Analysis of Bioactive Compounds. <i>Comprehensive Analytical Chemistry</i> , 2014, , 59-78.	1.3	38
126	Ecotoxicological Evaluation Of Titanium Silicon Oxide Nanoparticules With Terrestrial Species. <i>Toxicology Letters</i> , 2014, 229, S201.	0.8	0



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127	Online Combination of Bioassays with Chemical and Structural Characterization for Detection of Bioactive Compounds. <i>Comprehensive Analytical Chemistry</i> , 2014, , 253-278.	1.3	2
128	Bioactive compounds derived from echinoderms. <i>RSC Advances</i> , 2014, 4, 29365-29382.	3.6	26
129	The Impact of Uranium Mine Contamination of Soils on Plant Litter Decomposition. <i>Archives of Environmental Contamination and Toxicology</i> , 2014, 67, 601-616.	4.1	7
130	Removal of phenolic compounds in olive mill wastewater by silica-“alginate”-fungi biocomposites. <i>International Journal of Environmental Science and Technology</i> , 2014, 11, 589-596.	3.5	28
131	Development of Probiotic Tablets Using Microparticles: Viability Studies and Stability Studies. <i>AAPS PharmSciTech</i> , 2013, 14, 121-127.	3.3	37
132	The performance of <i>Fraxinus angustifolia</i> as a helper for metal phytoremediation programs and its relation to the endophytic bacterial communities. <i>Geoderma</i> , 2013, 202-203, 171-182.	5.1	18
133	Effects of geometry parameters of NTFET devices on the $V_{th}$ measurements. <i>Solid-State Electronics</i> , 2013, 81, 32-34.	1.4	3
134	Strategies for enhancing the analytical performance of nanomaterial-based sensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 47, 27-36.	11.4	103
135	Strategies based on silica monoliths for removing pollutants from wastewater effluents: A review. <i>Science of the Total Environment</i> , 2013, 461-462, 126-138.	8.0	28
136	Disposable immunosensors for C-reactive protein based on carbon nanotubes field effect transistors. <i>Talanta</i> , 2013, 108, 165-170.	5.5	42
137	Advances in point-of-care technologies with biosensors based on carbon nanotubes. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 45, 24-36.	11.4	105
138	Major inputs and mobility of potentially toxic elements contamination in urban areas. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 279-294.	2.7	47
139	Toxicity of organic and inorganic nanoparticles to four species of white-rot fungi. <i>Science of the Total Environment</i> , 2013, 458-460, 290-297.	8.0	26
140	Removal of the organic content from a bleached kraft pulp mill effluent by a treatment with silica-alginate-fungi biocomposites. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013, 48, 166-172.	1.7	16
141	Antioxidative Peptides: Trends and Perspectives for Future Research. <i>Current Medicinal Chemistry</i> , 2013, 20, 4575-4594.	2.4	40
142	Analytical strategies for characterization and validation of functional dairy foods. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 41, 27-45.	11.4	10
143	Treatment of Olive Oil Mill Wastewater by Silica-“Alginate”-Fungi Biocomposites. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 4307-4318.	2.4	12
144	Screening of single-walled carbon nanotubes by optical fiber sensing. <i>Talanta</i> , 2012, 89, 105-108.	5.5	7

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145	Production of conjugated linoleic acid by food-grade bacteria: A review. <i>International Journal of Dairy Technology</i> , 2012, 65, 467-481.	2.8	41
146	Optical Fiber Bioanalyzer Based on Enzymatic Coating Matrix for Catecholamines and Their Metabolites Assessment in Patients With Down Syndrome. <i>IEEE Sensors Journal</i> , 2012, 12, 76-84.	4.7	3
147	Marine biotechnology advances towards applications in new functional foods. <i>Biotechnology Advances</i> , 2012, 30, 1506-1515.	11.7	102
148	A fluorescence-based optical fiber analyzer for catecholamine determination. <i>Analytical Methods</i> , 2012, 4, 2300.	2.7	6
149	Storage Stability of <i>Lactobacillus paracasei</i> as Free Cells or Encapsulated in Alginate-Based Microcapsules in Low pH Fruit Juices. <i>Food and Bioprocess Technology</i> , 2012, 5, 2748-2757.	4.7	51
150	Excreted Thiocyanate Detects Live Reef Fishes Illegally Collected Using Cyanide—A Non-Invasive and Non-Destructive Testing Approach. <i>PLoS ONE</i> , 2012, 7, e35355.	2.5	22
151	Encapsulation of probiotic strains in plain or cysteine-supplemented alginate improves viability at storage below freezing temperatures. <i>Engineering in Life Sciences</i> , 2012, 12, 457-465.	3.6	29
152	Toxicity and genotoxicity of organic and inorganic nanoparticles to the bacteria <i>Vibrio fischeri</i> and <i>Salmonella typhimurium</i> . <i>Ecotoxicology</i> , 2012, 21, 637-648.	2.4	64
153	Lipolysis in probiotic and synbiotic cheese: The influence of probiotic bacteria, prebiotic compounds and ripening time on free fatty acid profiles. <i>Food Chemistry</i> , 2012, 131, 1414-1421.	8.2	62
154	Impact of organic and inorganic nanomaterials in the soil microbial community structure. <i>Science of the Total Environment</i> , 2012, 424, 344-350.	8.0	80
155	Levels, sources and potential human health risks of organic pollutants in urban soils. <i>Science of the Total Environment</i> , 2012, 430, 184-192.	8.0	204
156	Analytical techniques for discovery of bioactive compounds from marine fungi. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 34, 97-110.	11.4	52
157	Olive oil mill wastewaters before and after treatment: a critical review from the ecotoxicological point of view. <i>Ecotoxicology</i> , 2012, 21, 615-629.	2.4	97
158	Optical fiber based methodology for assessment of thiocyanate in seawater. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1811.	2.1	7
159	Metabolic Profiling of Potential Probiotic or Synbiotic Cheeses by Nuclear Magnetic Resonance (NMR) Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 4955-4961.	5.2	51
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