

# Corinne Rivasseau

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

775  
citations

566801

15  
h-index

752256

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1132  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of some physicochemical parameters of microcystins (cyanobacterial toxins) and trace level analysis in environmental samples using liquid chromatography. <i>Journal of Chromatography A</i> , 1998, 799, 155-169.	1.8	133
2	Accumulation of 2- <sup>31</sup> P-NMR methylated erythritol 2,4-cyclodiphosphate in illuminated plant leaves at supraoptimal temperatures reveals a bottleneck of the prokaryotic methylerythritol 4-phosphate pathway of isoprenoid biosynthesis. <i>Plant, Cell and Environment</i> , 2009, 32, 82-92.	2.8	63
3	HMA1 and PAA1, two chloroplast-envelope PIB-ATPases, play distinct roles in chloroplast copper homeostasis. <i>Journal of Experimental Botany</i> , 2014, 65, 1529-1540.	2.4	60
4	An extremely radioresistant green eukaryote for radionuclide bio-decontamination in the nuclear industry. <i>Energy and Environmental Science</i> , 2013, 6, 1230.	15.6	58
5	Silver Accumulation in the Green Microalga <i>Coccomyxa actinabiotis</i> : Toxicity, in Situ Speciation, and Localization Investigated Using Synchrotron XAS, XRD, and TEM. <i>Environmental Science &amp; Technology</i> , 2016, 50, 359-367.	4.6	54
6	Evaluation of an ELISA Kit for the Monitoring of Microcystins (Cyanobacterial Toxins) in Water and Algae Environmental Samples. <i>Environmental Science &amp; Technology</i> , 1999, 33, 1520-1527.	4.6	53
7	Massive production of butanediol during plant infection by phytopathogenic bacteria of the genera <i>Dickeya</i> and <i>Pectobacterium</i> . <i>Molecular Microbiology</i> , 2011, 82, 988-997.	1.2	48
8	Uranium perturbs signaling and iron uptake response in <i>Arabidopsis thaliana</i> roots. <i>Metallomics</i> , 2014, 6, 809-821.	1.0	38
9	<i>Coccomyxa actinabiotis</i> sp. nov. (Trebouxiophyceae, Chlorophyta), a new green microalga living in the spent fuel cooling pool of a nuclear reactor. <i>Journal of Phycology</i> , 2016, 52, 689-703.	1.0	38
10	Potential of immunoextraction coupled to analytical and bioanalytical methods (liquid) of cyanobacterial toxins. <i>Analytica Chimica Acta</i> , 1999, 399, 75-87.	2.6	36
11	Rapid analysis of organic acids in plant extracts by capillary electrophoresis with indirect UV detection. <i>Journal of Chromatography A</i> , 2006, 1129, 283-290.	1.8	35
12	Measurement of carbon flux through the MEP pathway for isoprenoid synthesis by <sup>31</sup> P-NMR spectroscopy after specific inhibition of 2-methylerythritol 2,4-cyclodiphosphate reductase. Effect of light and temperature. <i>Plant, Cell and Environment</i> , 2011, 34, 1241-1247.	2.8	33
13	Early response of plant cell to carbon deprivation: <i>in vivo</i> <sup>31</sup> P-NMR spectroscopy shows a quasi-instantaneous disruption on cytosolic sugars, phosphorylated intermediates of energy metabolism, phosphate partitioning, and intracellular pHs. <i>New Phytologist</i> , 2011, 189, 135-147.	3.5	31
14	Detection of cyanobacterial toxins (microcystins) in cell extracts by micellar electrokinetic chromatography. <i>Biomedical Applications</i> , 1996, 685, 53-57.	1.7	26
15	The Phosphate Fast-Responsive Genes <i>PECP1</i> and <i>PPsPase1</i> Affect Phosphocholine and Phosphoethanolamine Content. <i>Plant Physiology</i> , 2018, 176, 2943-2962.	2.3	22
16	A simple and efficient method for the long-term preservation of plant cell suspension cultures. <i>Plant Methods</i> , 2012, 8, 4.	1.9	13
17	Direct Meta-Analyses Reveal Unexpected Microbial Life in the Highly Radioactive Water of an Operating Nuclear Reactor Core. <i>Microorganisms</i> , 2020, 8, 1857.	1.6	11
18	Proteotyping Environmental Microorganisms by Phylopeptidomics: Case Study Screening Water from a Radioactive Material Storage Pool. <i>Microorganisms</i> , 2020, 8, 1525.	1.6	11

#	ARTICLE	IF	CITATIONS
19	Determination of microcystins in cyanobacterial samples using microliquid chromatography. Journal of Separation Science, 1996, 8, 541-551.	1.0	8
20	Cyclical Patterns Affect Microbial Dynamics in the Water Basin of a Nuclear Research Reactor. Frontiers in Microbiology, 2021, 12, 744115.	1.5	4
21	Omics for a Quick Survey of Microorganisms with Characteristics Interesting for Environmental Remediation of Radionuclides. , 0, , .		0