

Corinne Rivasseau

List of Publications by Year in descending order

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21
papers

775
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567281

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all docs

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docs citations

21
times ranked

1132
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclical Patterns Affect Microbial Dynamics in the Water Basin of a Nuclear Research Reactor. <i>Frontiers in Microbiology</i> , 2021, 12, 744115.	3.5	4
2	Direct Meta-Analyses Reveal Unexpected Microbial Life in the Highly Radioactive Water of an Operating Nuclear Reactor Core. <i>Microorganisms</i> , 2020, 8, 1857.	3.6	11
3	Proteotyping Environmental Microorganisms by Phylopeptidomics: Case Study Screening Water from a Radioactive Material Storage Pool. <i>Microorganisms</i> , 2020, 8, 1525.	3.6	11
4	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.	4.8	22
5	<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.	2.3	38
6	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 & Technology</i> , 2016, 50, 359-367.	10.0	54
7	Uranium perturbs signaling and iron uptake response in <i>Arabidopsis thaliana</i> roots. <i>Metallomics</i> , 2014, 6, 809-821.	2.4	38
8	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.	4.8	60
9	An extremely radioresistant green eukaryote for radionuclide bio-decontamination in the nuclear industry. <i>Energy and Environmental Science</i> , 2013, 6, 1230.	30.8	58
10	A simple and efficient method for the long-term preservation of plant cell suspension cultures. <i>Plant Methods</i> , 2012, 8, 4.	4.3	13
11	Measurement of carbon flux through the MEP pathway for isoprenoid synthesis by ³¹ P-NMR spectroscopy after specific inhibition of methylerythritol 2,4-cyclodiphosphate reductase. Effect of light and temperature. <i>Plant, Cell and Environment</i> , 2011, 34, 1241-1247.	5.7	33
12	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.	2.5	48
13	Early response of plant cell to carbon deprivation: <i>in vivo</i> ³¹ 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.	7.3	31
14	Accumulation of methylerythritol 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.	5.7	63
15	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.	3.7	35
16	Potential of immunoextraction coupled to analytical and bioanalytical methods (liquid) of cyanobacterial toxins. <i>Analytica Chimica Acta</i> , 1999, 399, 75-87.	5.4	36
17	Evaluation of an ELISA Kit for the Monitoring of Microcystins (Cyanobacterial Toxins) in Water and Algae Environmental Samples. <i>Environmental Science & Technology</i> , 1999, 33, 1520-1527.	10.0	53
18	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.	3.7	133

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19	Determination of microcystins in cyanobacterial samples using microliquid chromatography. Journal of Separation Science, 1996, 8, 541-551.	1.0	8
20	Detection of cyanobacterial toxins (microcystins) in cell extracts by micellar electrokinetic chromatography. Biomedical Applications, 1996, 685, 53-57.	1.7	26
21	Omics for a Quick Survey of Microorganisms with Characteristics Interesting for Environmental Remediation of Radionuclides. , 0, , .		0