Anne Alexandre

List of Publications by Year
in descending order

19 papers	1,206 citations	687363 13 h-index	794594 19 g-index
33 all docs	33 docs citations	33 times ranked	1234 citing authors

#	Article	IF	Citations
1	The triple oxygen isotope composition of phytoliths, a new proxy of atmospheric relative humidity: controls of soil water isotope composition, temperature, CO₂ concentration and relative humidity. Climate of the Past, 2021, 17, 1881-1902.	3.4	7
2	Diatom-oxygen isotope record from high-altitude Lake Petit (2200â€‰mâ€‰a.s.l.) in the Mediterranean Alps: shedding light on a climatic pulse at 4.2â€‰ka. Climate of the Past, 2019, 15, 253-263.	3.4	14
3	Effects of leaf length and development stage on the triple oxygen isotope signature of grass leaf water and phytoliths: insights for a proxy of continental atmospheric humidity. Biogeosciences, 2019, 16, 4613-4625.	3.3	9
4	The triple oxygen isotope composition of phytoliths as a proxy of continental atmospheric humidity: insights from climate chamber and climate transect calibrations. Biogeosciences, 2018, 15, 3223-3241.	3.3	17
5	When the carbon being dated is not what you think it is: Insights from phytolith carbon research. Quaternary Science Reviews, 2018, 197, 162-174.	3.0	11
6	The phytolith carbon sequestration concept: Fact or fiction? A comment on â€œOccurrence, turnover and carbon sequestration potential of phytoliths in terrestrial ecosystems by Song et al. doi: 10.1016/j.earscirev.2016.04.007â€• Earth-Science Reviews, 2017, 164, 251-255.	9.1	23
7	Dynamic Nuclear Polarization NMR as a new tool to investigate the nature of organic compounds occluded in plant silica particles. Scientific Reports, 2017, 7, 3430.	3.3	4
8	Unambiguous evidence of old soil carbon in grass biosilica particles. Biogeosciences, 2016, 13, 1269-1286.	3.3	33
9	Direct uptake of organically derived carbon by grass roots and allocation in leaves and phytoliths: ¹³C labeling evidence. Biogeosciences, 2016, 13, 1693-1703.	3.3	28
10	Grass Physiognomic Trait Variation in African Herbaceous Biomes. Biotropica, 2016, 48, 311-320.	1.6	4
11	Towards producing pure phytolith concentrates from plants that are suitable for carbon isotopic analysis. Review of Palaeobotany and Palynology, 2013, 197, 179-185.	1.5	53
12	Inter-laboratory comparison of oxygen isotope compositions from biogenic silica. Geochimica Et Cosmochimica Acta, 2011, 75, 7242-7256.	3.9	82
13	The role of savannas in the terrestrial Si cycle: A case-study from Lamto, Ivory Coast. Global and Planetary Change, 2011, 78, 162-169.	3.5	72
14	The Phytolith¹⁴C Puzzle: A Tale of Background Determinations and Accuracy Tests. Radiocarbon, 2010, 52, 113-128.	1.8	73
15	Identification of the parent bodies of micrometeorites with high-precision oxygen isotope ratios. Earth and Planetary Science Letters, 2010, 293, 313-320.	4.4	77
16	IR Laser Extraction Technique Applied to Oxygen Isotope Analysis of Small Biogenic Silica Samples. Analytical Chemistry, 2008, 80, 2372-2378.	6.5	50
17	Oxygen isotope analyses of fine silica grains using laser-extraction technique: Comparison with oxygen isotope data obtained from ion microprobe analyses and application to quartzite and silcrete cement investigation. Geochimica Et Cosmochimica Acta, 2006, 70, 2827-2835.	3.9	41
18	Grass water stress estimated from phytoliths in West Africa. Journal of Biogeography, 2005, 32, 311-327.	3.0	163

#	Article	IF	Citations
19	Plant impact on the biogeochemical cycle of silicon and related weathering processes. Geochimica Et Cosmochimica Acta, 1997, 61, 677-682.	3.9	443