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List of articles citing

Ectomycorrhizal fungi and past high CO₂ atmospheres enhance mineral weathering through increased below-ground carbon-energy fluxes

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#	Paper	IF	Citations
36	Oxalate secretion by ectomycorrhizal <i>Paxillus involutus</i> is mineral-specific and controls calcium weathering from minerals. <i>Scientific Reports</i> , 2015 , 5, 12187	4.9	50
35	The terrestrial biota prior to the origin of land plants (embryophytes): a review of the evidence. <i>Palaeontology</i> , 2015 , 58, 601-627	2.9	83
34	Constraining the role of early land plants in Palaeozoic weathering and global cooling. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20151115	4.4	44
33	<i>Tricholoma matsutake</i> can absorb and accumulate trace elements directly from rock fragments in the shiro. <i>Mycorrhiza</i> , 2015 , 25, 325-34	3.9	12
32	Plants, fungi and oomycetes: a 400-million year affair that shapes the biosphere. <i>New Phytologist</i> , 2015 , 206, 501-6	9.8	74
31	Investigating Devonian trees as geo-engineers of past climates: linking palaeosols to palaeobotany and experimental geobiology. <i>Palaeontology</i> , 2015 , 58, 787-801	2.9	53
30	The evolution of the mycorrhizal lifestyles from a genomic perspective. 2016 , 87-106		2
29	Enhanced weathering strategies for stabilizing climate and averting ocean acidification. <i>Nature Climate Change</i> , 2016 , 6, 402-406	21.4	106
28	Carbon storage and nutrient mobilization from soil minerals by deep roots and rhizospheres. <i>Forest Ecology and Management</i> , 2016 , 359, 322-331	3.9	33
27	Potential of global croplands and bioenergy crops for climate change mitigation through deployment for enhanced weathering. <i>Biology Letters</i> , 2017 , 13,	3.6	40
26	The role of mycorrhizal symbioses in phytotechnology. <i>Botany</i> , 2017 , 95, 971-982	1.3	7
25	Immobilization of Carbon in Mycorrhizal Mycelial Biomass and Secretions. 2017 , 413-440		5
24	N-fixing tropical legume evolution: a contributor to enhanced weathering through the Cenozoic?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	10
23	Stabilization of Soil Organic Carbon as Influenced by Clay Mineralogy. <i>Advances in Agronomy</i> , 2018 , 148, 33-84	7.7	73
22	The origin and evolution of mycorrhizal symbioses: from palaeomycology to phylogenomics. <i>New Phytologist</i> , 2018 , 220, 1012-1030	9.8	126
21	Chemistry and microbiology of the Critical Zone along a steep climate and vegetation gradient in the Chilean Coastal Cordillera. <i>Catena</i> , 2018 , 170, 183-203	5.8	38
20	Mycorrhizal types differ in ecophysiology and alter plant nutrition and soil processes. <i>Biological Reviews</i> , 2019 , 94, 1857-1880	13.5	77

19	A coupled microscopy approach to assess the nano-landscape of weathering. <i>Scientific Reports</i> , 2019 , 9, 5377	4.9	13
18	Oxalotrophic bacterial assemblages in the ectomycorrhizosphere of forest trees and their effects on oxalate degradation and carbon fixation potential. <i>Chemical Geology</i> , 2019 , 514, 54-64	4.2	6
17	The different roles of <i>Aspergillus nidulans</i> carbonic anhydrases in wollastonite weathering accompanied by carbonation. <i>Geochimica Et Cosmochimica Acta</i> , 2019 , 244, 437-450	5.5	8
16	The ectomycorrhizal contribution to tree nutrition. <i>Advances in Botanical Research</i> , 2019 , 77-126	2.2	16
15	Three new Miocene fungal palynomorphs from the Brassington Formation, Derbyshire, UK. <i>Palynology</i> , 2019 , 43, 596-607	1.5	9
14	Increased yield and CO ₂ sequestration potential with the C ₄ cereal <i>Sorghum bicolor</i> cultivated in basaltic rock dust-amended agricultural soil. <i>Global Change Biology</i> , 2020 , 26, 3658-3676	11.4	22
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11	The photosynthesis game is in the "inter-play": Mechanisms underlying CO ₂ diffusion in leaves. <i>Environmental and Experimental Botany</i> , 2020 , 178, 104174	5.9	13
10	Micro- and Nanoscale Techniques to Explore Bacteria and Fungi Interactions with Silicate Minerals. <i>Geophysical Monograph Series</i> , 2020 , 81-101	1.1	2
9	Reviews and syntheses: Biological weathering and its consequences at different spatial levels □ from nanoscale to global scale. <i>Biogeosciences</i> , 2020 , 17, 1507-1533	4.6	29
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7	Devonian paleoclimate and its drivers: A reassessment based on a new conodont δ ¹⁸ O record from South China. <i>Earth-Science Reviews</i> , 2021 , 222, 103814	10.2	2
6	Global Biogeography and Invasions of Ectomycorrhizal Plants: Past, Present and Future. <i>Ecological Studies</i> , 2017 , 469-531	1.1	15
5	Do degree and rate of silicate weathering depend on plant productivity?. <i>Biogeosciences</i> , 2020 , 17, 4883-4917	4.0	8
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3	Enhanced weathering potentials □ the role of in situ CO ₂ and grain size distribution. <i>Frontiers in Climate</i> , 4 ,	7.1	
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- 1 Connecting soils to life in conservation planning, nutrient cycling, and planetary science. **2022**, 104247 ○