

Phytolith content in Vietnamese paddy soils in relation

Geoderma

333, 200-213

DOI: [10.1016/j.geoderma.2018.07.027](https://doi.org/10.1016/j.geoderma.2018.07.027)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Phytolith content in Vietnamese paddy soils in relation to soil properties. <i>Geoderma</i> , 2019, 333, 200-213.	5.1	34
2	Copper encapsulated in grass-derived phytoliths: Characterization, dissolution properties and the relation of content to soil properties. <i>Journal of Environmental Management</i> , 2019, 249, 109423.	7.8	14
3	Intensive Management Increases Phytolith-Occluded Carbon Sequestration in Moso Bamboo Plantations in Subtropical China. <i>Forests</i> , 2019, 10, 883.	2.1	6
4	Characterization and implication of phytolith-associated potassium in rice straw and paddy soils. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 1354-1369.	2.6	11
5	Highly reactive nanomineral assembly in soil colloids: Implications for paddy soil carbon storage. <i>Science of the Total Environment</i> , 2020, 703, 134728.	8.0	19
6	Quantification of different silicon fractions in broadleaf and conifer forests of northern China and consequent implications for biogeochemical Si cycling. <i>Geoderma</i> , 2020, 361, 114036.	5.1	18
7	Accumulation of copper and cadmium in soil-rice systems in terrace and lowland paddies of the Red River basin, Vietnam: the possible regulatory role of silicon. <i>Environmental Geochemistry and Health</i> , 2020, 42, 3753-3764.	3.4	9
8	Effects of long-term planting on PhytOC storage and its distribution in soil physical fractions in Moso bamboo forests in subtropical China. <i>Journal of Soils and Sediments</i> , 2020, 20, 2317-2329.	3.0	4
9	Silicon fertilizer and biochar effects on plant and soil PhytOC concentration and soil PhytOC stability and fractionation in subtropical bamboo plantations. <i>Science of the Total Environment</i> , 2020, 715, 136846.	8.0	19
10	CO ₂ can decrease the dissolution rate of ashed phytoliths. <i>Geoderma</i> , 2021, 385, 114835.	5.1	5
11	Soil organic matter in major pedogenic soil groups. <i>Geoderma</i> , 2021, 384, 114785.	5.1	89
12	Effects of alpine marsh degradation on soil phytoliths and phytolith-occluded carbon on the Zoige Plateau, China. <i>Journal of Soils and Sediments</i> , 2021, 21, 1730-1742.	3.0	2
13	Sequestration potential of phytolith occluded carbon in China's paddy rice (<i>Oryza sativa</i> L.) systems. <i>Science of the Total Environment</i> , 2021, 774, 145696.	8.0	16
14	Effects of CO ₂ and temperature on phytolith dissolution. <i>Science of the Total Environment</i> , 2021, 772, 145469.	8.0	12
15	Effects of rice-straw derived phytoliths on the surface charge properties of paddy soils. <i>Geoderma</i> , 2021, 400, 115234.	5.1	5
16	Quantification of Amorphous Silicon by Optimizing the 1% Na ₂ CO ₃ Method from Intensively Cultivated Rice and Sugarcane Soils in a Tropical Climate. <i>Silicon</i> , 2020, 12, 2989-3003.	3.3	5
17	Nitrogen addition increases aboveground silicon and phytolith concentrations in understory plants of a tropical forest. <i>Plant and Soil</i> , 2022, 477, 25-39.	3.7	4
18	High potential of stable carbon sequestration in phytoliths of China's grasslands. <i>Global Change Biology</i> , 2022, 28, 2736-2750.	9.5	23

#	ARTICLE	IF	CITATIONS
19	Soil phytoliths in <i>Larix gmelinii</i> forest and their relationships with soil properties. <i>Plant and Soil</i> , 2022, 474, 437-449.	3.7	3
20	Potassium in silicon-rich biomass wastes: A perspective of slow-release potassium sources. <i>Biofuels, Bioproducts and Biorefining</i> , 0, , .	3.7	2
21	Effects of micro-sized rice straw on soil clay dispersibility. <i>European Journal of Soil Science</i> , 2022, 73, .	3.9	3
22	Phytolith-occluded carbon in residues and economic benefits under rice/single-season <i>Zizania latifolia</i> rotation. <i>Science of the Total Environment</i> , 2022, 836, 155504.	8.0	4
23	The regulatory role of CO ₂ on nutrient releases from ashed rice straw phytoliths. <i>Biogeochemistry</i> , 2022, 160, 35-47.	3.5	2
24	Phytolith occluded organic carbon in <i>Fagopyrum</i> (Polygonaceae) plants: Insights on the carbon sink potential of cultivated buckwheat planting. <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	1
25	Dissolution does not affect grass phytolith assemblages. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2023, 610, 111345.	2.3	5
26	Organo-mineral complexes in soil colloids: Implications for carbon storage in saline-alkaline paddy soils from an eight-year field experiment. <i>Pedosphere</i> , 2024, 34, 97-109.	4.0	6
27	Responses of soil microbial communities to manure and biochar in wheat cultivation of a rice-wheat rotation agroecosystem in East China. <i>Pedosphere</i> , 2023, 33, 893-904.	4.0	1
28	Silicon Fertilization Increases Carbon Sequestration by Augmenting PhytOC Production in Wheat. <i>Journal of Soil Science and Plant Nutrition</i> , 0, , .	3.4	1
29	Production of phytolith and PhytOC and distribution of extractable Si Pools in aerobic rice as influenced by different Si sources. <i>Frontiers in Plant Science</i> , 0, 14, .	3.6	0
30	The Influence of Exogenous Nitrogen Input on the Characteristics of Phytolith-Occluded Carbon in the <i>Kandelia obovata</i> Soil System. <i>Forests</i> , 2023, 14, 2202.	2.1	0
31	Silicon fractionations in coastal wetland sediments: Implications for biogeochemical silicon cycling. <i>Science of the Total Environment</i> , 2024, 912, 169206.	8.0	0
33	Soil colloids as binding agents in the formation of soil microaggregates in wet-dry cycles: A case study for arable Luvisols under different management. <i>Geoderma</i> , 2024, 443, 116830.	5.1	0
34	Controls on phytolith stability upon exposure in paddy soils. <i>Geoderma</i> , 2024, 443, 116821.	5.1	0