

Mieke Verbeeck

List of Publications by Year in descending order

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15
papers

478
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

622
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges of Reducing Phosphorus Based Water Eutrophication in the Agricultural Landscapes of Northwest Europe. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	91
2	Phosphorus losses from agricultural land to natural waters are reduced by immobilization in iron-rich sediments of drainage ditches. <i>Water Research</i> , 2015, 71, 160-170.	11.3	72
3	Internal Loading and Redox Cycling of Sediment Iron Explain Reactive Phosphorus Concentrations in Lowland Rivers. <i>Environmental Science & Technology</i> , 2017, 51, 2584-2592.	10.0	69
4	Soil organic matter affects arsenic and antimony sorption in anaerobic soils. <i>Environmental Pollution</i> , 2020, 257, 113566.	7.5	56
5	Trace element concentrations in mineral phosphate fertilizers used in Europe: A balanced survey. <i>Science of the Total Environment</i> , 2020, 712, 136419.	8.0	39
6	Sediment respiration contributes to phosphate release in lowland surface waters. <i>Water Research</i> , 2020, 168, 115168.	11.3	37
7	Soil organic matter reduces the sorption of arsenate and phosphate: a soil profile study and geochemical modelling. <i>European Journal of Soil Science</i> , 2017, 68, 678-688.	3.9	24
8	Soil organic matter increases antimonate mobility in soil: An Sb(OH) ₆ sorption and modelling study. <i>Applied Geochemistry</i> , 2019, 104, 33-41.	3.0	23
9	Investigation on the control of phosphate leaching by sorption and colloidal transport: Column studies and multi-surface complexation modelling. <i>Applied Geochemistry</i> , 2019, 100, 371-379.	3.0	18
10	Mechanisms of antimony ageing in soils: An XAS study. <i>Applied Geochemistry</i> , 2021, 128, 104936.	3.0	13
11	Antimonate sorption in soils increases with ageing. <i>European Journal of Soil Science</i> , 2020, 71, 55-59.	3.9	8
12	Microdose placement of phosphorus induces deep rooting of upland rice. <i>Plant and Soil</i> , 2021, 463, 187-204.	3.7	8
13	Iron rich glauconite sand as an efficient phosphate immobilising agent in river sediments. <i>Science of the Total Environment</i> , 2022, 811, 152483.	8.0	8
14	Farm yard manure application mitigates aluminium toxicity and phosphorus deficiency for different upland rice genotypes. <i>Journal of Agronomy and Crop Science</i> , 2021, 207, 148-162.	3.5	6
15	Trace metal accumulation in agricultural soils from mineral phosphate fertiliser applications in long-term field trials. <i>European Journal of Soil Science</i> , 2022, 73, .	3.9	6