# Mathilde Hagens

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9086610/publications.pdf

Version: 2024-02-01

| 16 | 577 | 687220 13 | 1058333 14 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 27 | 27 | 27 | 795 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Is the climate change mitigation effect of enhanced silicate weathering governed by biological processes?. Global Change Biology, 2022, 28, 711-726. | 4.2 | 32 |
| 2 | Editorial for special issue on â€œunderstanding soil functions â€“ from ped to planetâ€• European Journal of Soil Science, 2021, 72, 1493. | 1.8 | 0 |
| 3 | Ocean Alkalinity, Buffering and Biogeochemical Processes. Reviews of Geophysics, 2020, 58, e2019RG000681. | 9.0 | 124 |
| 4 | Current estimates of K<sub>1</sub>* and K<sub>2</sub>* appear inconsistent with measured CO<sub>2</sub> system parameters in cold oceanic regions. Ocean Science, 2020, 16, 847-862. | 1.3 | 28 |
| 5 | Understanding Alkalinity to Quantify Ocean Buffering. Eos, 2020, 101, . | 0.1 | 0 |
| 6 | Sedimentary alkalinity generation and long-term alkalinity development in the Baltic Sea. Biogeosciences, 2019, 16, 437-456. | 1.3 | 18 |
| 7 | Phosphorus Cycling and Burial in Sediments of a Seasonally Hypoxic Marine Basin. Estuaries and Coasts, 2018, 41, 921-939. | 1.0 | 13 |
| 8 | Controls on the onset and termination of past hypoxia in the Baltic Sea. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 490, 347-354. | 1.0 | 17 |
| 9 | Post-depositional formation of vivianite-type minerals alters sediment phosphorus records. Biogeosciences, 2018, 15, 861-883. | 1.3 | 35 |
| 10 | Iron oxide reduction in methane-rich deep Baltic Sea sediments. Geochimica Et Cosmochimica Acta, 2017, 207, 256-276. | 1.6 | 95 |
| 11 | Molybdenum dynamics in sediments of a seasonally-hypoxic coastal marine basin. Chemical Geology, 2017, 466, 627-640. | 1.4 | 33 |
| 12 | Attributing seasonal pH variability in surface ocean waters to governing factors. Geophysical Research Letters, 2016, 43, 12,528. | 1.5 | 31 |
| 13 | Generalised expressions for the response of pH to changes in ocean chemistry. Geochimica Et Cosmochimica Acta, 2016, 187, 334-349. | 1.6 | 23 |
| 14 | Carbon sources in the North Sea evaluated by means of radium and stable carbon isotope tracers. Limnology and Oceanography, 2016, 61, 666-683. | 1.6 | 29 |
| 15 | Biogeochemical processes and buffering capacity concurrently affect acidification in a seasonally hypoxic coastal marine basin. Biogeosciences, 2015, 12, 1561-1583. | 1.3 | 75 |
| 16 | Biogeochemical context impacts seawater pH changes resulting from atmospheric sulfur and nitrogen deposition. Geophysical Research Letters, 2014, 41, 935-941. | 1.5 | 23 |