

# Barret M Wessel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/605165/publications.pdf>

Version: 2024-02-01

12  
papers

344  
citations

1040056

9  
h-index

1199594

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12  
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12  
docs citations

12  
times ranked

401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Freshwater salinization syndrome: from emerging global problem to managing risks. <i>Biogeochemistry</i> , 2021, 154, 255-292.	3.5	87
2	Novel 'chemical cocktails' in inland waters are a consequence of the freshwater salinization syndrome. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180017.	4.0	72
3	Watershed 'chemical cocktails': forming novel elemental combinations in Anthropocene fresh waters. <i>Biogeochemistry</i> , 2018, 141, 281-305.	3.5	62
4	Making 'chemical cocktails' ' Evolution of urban geochemical processes across the periodic table of elements. <i>Applied Geochemistry</i> , 2020, 119, 104632.	3.0	51
5	Five state factors control progressive stages of freshwater salinization syndrome. <i>Limnology and Oceanography Letters</i> , 2023, 8, 190-211.	3.9	15
6	Sources of iron (Fe) and factors regulating the development of flocculate from Fe-oxidizing bacteria in regenerative streamwater conveyance structures. <i>Ecological Engineering</i> , 2016, 95, 723-737.	3.6	13
7	Regenerative stormwater conveyance (RSC) for reducing nutrients in urban stormwater runoff depends upon carbon quantity and quality. <i>Science of the Total Environment</i> , 2019, 652, 134-146.	8.0	13
8	Identification of sulfidic materials in the Rhode River subestuary of Chesapeake Bay. <i>Geoderma</i> , 2017, 308, 215-225.	5.1	11
9	Soil morphology, genesis, and monolith construction of an acid sulfate soil with silica-cementation in the US Mid-Atlantic Region. <i>Geoderma</i> , 2017, 308, 260-269.	5.1	9
10	Soil taxonomy proposals for acid sulfate soils and subaqueous soils raised by the 8th International Acid Sulfate Soils Conference. <i>South African Journal of Plant and Soil</i> , 2018, 35, 293-295.	1.1	5
11	Soils, landscapes, and cultural concepts of favor and disfavor within complex adaptive systems and ResourceCultures: human-land interactions during the Holocene. <i>Ecology and Society</i> , 2021, 26, .	2.3	3
12	A subaqueous soil-landscape conceptual model to guide soil survey in Chesapeake Bay subestuaries. <i>Soil Science Society of America Journal</i> , 2021, 85, 1727-1740.	2.2	3