

# Eero Asmala

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33 papers	785 citations	17 h-index	27 g-index
39 ext. papers	1,088 ext. citations	5.1 avg, IF	4.38 L-index

#	Paper	IF	Citations
33	Biogeochemical functioning of the Baltic Sea. <i>Earth System Dynamics</i> , <b>2022</b> , 13, 633-685	4.8	1
32	Contrasting patterns of carbon cycling and dissolved organic matter processing in two phytoplanktonBacteria communities. <i>Biogeosciences</i> , <b>2021</b> , 18, 6589-6616	4.6	2
31	Origin and fate of dissolved organic matter in four shallow Baltic Sea estuaries. <i>Biogeochemistry</i> , <b>2021</b> , 154, 385-403	3.8	7
30	Autochthonous organic matter promotes DNRA and suppresses N2O production in sediments of the coastal Baltic Sea. <i>Estuarine, Coastal and Shelf Science</i> , <b>2021</b> , 255, 107369	2.9	3
29	Identification of dissolved organic matter size components in freshwater and marine environments. <i>Limnology and Oceanography</i> , <b>2021</b> , 66, 1381-1393	4.8	3
28	Elevated organic carbon pulses persist in estuarine environment after major storm events. <i>Limnology and Oceanography Letters</i> , <b>2021</b> , 6, 43-50	7.9	5
27	Factors regulating the coastal nutrient filter in the Baltic Sea. <i>Ambio</i> , <b>2020</b> , 49, 1194-1210	6.5	30
26	Ubiquitous Patchiness in Chlorophyll a Concentration in Coastal Archipelago of Baltic Sea. <i>Frontiers in Marine Science</i> , <b>2020</b> , 7,	4.5	3
25	Role of Eelgrass in the Coastal Filter of Contrasting Baltic Sea Environments. <i>Estuaries and Coasts</i> , <b>2019</b> , 42, 1882-1895	2.8	7
24	Composition of natural phytoplankton community has minor effects on autochthonous dissolved organic matter characteristics. <i>Marine Biology Research</i> , <b>2019</b> , 15, 357-375	1	2
23	A reply to the comment by Karlsson et al.. <i>Limnology and Oceanography</i> , <b>2019</b> , 64, 1832	4.8	1
22	Linking shifts in bacterial community with changes in dissolved organic matter pool in a tropical lake. <i>Science of the Total Environment</i> , <b>2019</b> , 672, 990-1003	10.2	12
21	Multiple anthropogenic drivers behind upward trends in organic carbon concentrations in boreal rivers. <i>Environmental Research Letters</i> , <b>2019</b> , 14, 124018	6.2	20
20	Distinct Coastal Microbiome Populations Associated With Autochthonous- and Allochthonous-Like Dissolved Organic Matter. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2579	5.7	1
19	Nutrient availability as major driver of phytoplankton-derived dissolved organic matter transformation in coastal environment. <i>Biogeochemistry</i> , <b>2018</b> , 137, 93-104	3.8	17
18	Distinctive effects of allochthonous and autochthonous organic matter on CDOM spectra in a tropical lake. <i>Biogeosciences</i> , <b>2018</b> , 15, 2931-2943	4.6	16
17	Ecosystem metabolism of benthic and pelagic zones of a shallow productive estuary: spatio-temporal variability. <i>Marine Ecology - Progress Series</i> , <b>2018</b> , 601, 15-32	2.6	9

16	Eutrophication Leads to Accumulation of Recalcitrant Autochthonous Organic Matter in Coastal Environment. <i>Global Biogeochemical Cycles</i> , <b>2018</b> , 32, 1673-1687	5.9	27
15	Impacts of flocculation on the distribution and diagenesis of iron in boreal estuarine sediments. <i>Biogeosciences</i> , <b>2018</b> , 15, 1243-1271	4.6	35
14	Efficiency of the coastal filter: Nitrogen and phosphorus removal in the Baltic Sea. <i>Limnology and Oceanography</i> , <b>2017</b> , 62, S222-S238	4.8	66
13	Global distribution of dissolved organic matter along the aquatic continuum: Across rivers, lakes and oceans. <i>Science of the Total Environment</i> , <b>2017</b> , 609, 180-191	10.2	99
12	Effect of catchment land use and soil type on the concentration, quality, and bacterial degradation of riverine dissolved organic matter. <i>Ambio</i> , <b>2016</b> , 45, 331-49	6.5	22
11	Bacterial production, abundance and cell properties in boreal estuaries: relation to dissolved organic matter quantity and quality. <i>Aquatic Sciences</i> , <b>2016</b> , 78, 525-540	2.5	19
10	Variation in Riverine Inputs Affect Dissolved Organic Matter Characteristics throughout the Estuarine Gradient. <i>Frontiers in Marine Science</i> , <b>2016</b> , 2,	4.5	25
9	Processing of humic-rich riverine dissolved organic matter by estuarine bacteria: effects of predegradation and inorganic nutrients. <i>Aquatic Sciences</i> , <b>2014</b> , 76, 451-463	2.5	41
8	Bioavailability and radiocarbon age of fluvial dissolved organic matter (DOM) from a northern peatland-dominated catchment: effect of land-use change. <i>Aquatic Sciences</i> , <b>2014</b> , 76, 393-404	2.5	34
7	Qualitative changes of riverine dissolved organic matter at low salinities due to flocculation. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2014</b> , 119, 1919-1933	3.7	76
6	Bioavailability of riverine dissolved organic matter in three Baltic Sea estuaries and the effect of catchment land use. <i>Biogeosciences</i> , <b>2013</b> , 10, 6969-6986	4.6	99
5	Linking CDOM spectral absorption to dissolved organic carbon concentrations and loadings in boreal estuaries. <i>Estuarine, Coastal and Shelf Science</i> , <b>2012</b> , 111, 107-117	2.9	51
4	Import-export balance of nitrogen and phosphorus in food, fodder and fertilizers in the Baltic Sea drainage area. <i>Science of the Total Environment</i> , <b>2011</b> , 409, 4917-22	10.2	21
3	Closing a loop: substance flow analysis of nitrogen and phosphorus in the rainbow trout production and domestic consumption system in Finland. <i>Ambio</i> , <b>2010</b> , 39, 126-35	6.5	20
2	Eutrophication in the Baltic Sea. <i>Journal of Industrial Ecology</i> , <b>2010</b> , 14, 482-495	7.2	8
1	Flocculation of dissolved organic matter controls the distribution of iron in boreal estuarine sediments		3