Jonne Kotta

List of Publications by Citations

182 papers	3,056 citations	28 h-index	46 g-index
198 ext. papers	3,736 ext. citations	3.4 avg, IF	5.26 L-index

#	Paper	IF	Citations
182	Hypoxia is increasing in the coastal zone of the Baltic Sea. *Environmental Science & Technology*, **2011**, 45, 6777-83	10.3	255
181	The importance of benthic-pelagic coupling for marine ecosystem functioning in a changing world. *Global Change Biology*, **2017**, 23, 2179-2196	11.4	175
180	Macroalgal blooms alter community structure and primary productivity in marine ecosystems. *Global Change Biology*, **2014**, 20, 2712-24	11.4	95
179	Feasibility of hyperspectral remote sensing for mapping benthic macroalgal cover in turbid coastal waters Baltic Sea case study. *Remote Sensing of Environment*, **2006**, 101, 342-351	13.2	89
178	A meta-analysis of seaweed impacts on seagrasses: generalities and knowledge gaps. *PLoS ONE*, **2012**, 7, e28595	3.7	71
177	Ecological consequences of biological invasions: three invertebrate case studies in the north-eastern Baltic Sea. *Helgoland Marine Research*, **2006**, 60, 106-112	1.8	63
176	Diverse effects of invasive ecosystem engineers on marine biodiversity and ecosystem functions: A global review and meta-analysis. *Global Change Biology*, **2018**, 24, 906-924	11.4	63
175	On the myths of indicator species: issues and further consideration in the use of static concepts for ecological applications. *PLoS ONE*, **2013**, 8, e78219	3.7	54
174	Food and habitat choice of the isopod Idotea baltica in the northeastern Baltic Sea. *Hydrobiologia*, **2004**, 514, 79-85	2.4	54
173	Ecological impacts of invading seaweeds: a meta-analysis of their effects at different trophic levels. *Diversity and Distributions*, **2015**, 21, 1-12	5	53
172	Shipping and natural environmental conditions determine the distribution of the invasive non-indigenous round goby Neogobius melanostomus in a regional sea. *Estuarine, Coastal and Shelf Science*, **2016**, 169, 15-24	2.9	52
171	The Baltic Sea scale inventory of benthic faunal communities. *ICES Journal of Marine Science*, **2016**, 73, 1196-1213	2.7	51
170	Temporal stability of European rocky shore assemblages: variation across a latitudinal gradient and the role of habitat-formers. *Oikos*, **2012**, 121, 1801-1809	4	46
169	Ecosystem impacts of the widespread non-indigenous species in the Baltic Sea: literature survey evidences major limitations in knowledge. *Hydrobiologia*, **2015**, 750, 171-185	2.4	45
168	Effects of eelgrass (Zostera marina) canopy removal and sediment addition on sediment characteristics and benthic communities in the Northern Baltic Sea. *Marine Ecology*, **2009**, 30, 74-82	1.4	44
167	Ecological consequence of the introduction of the polychaete Marenzelleria cf. viridis into a shallow-water biotope of the northern Baltic Sea. *Journal of Sea Research*, **2001**, 46, 273-280	1.9	42
166	Cleaning up seas using blue growth initiatives: Mussel farming for eutrophication control in the Baltic Sea. *Science of the Total Environment*, **2020**, 709, 136144	10.2	42

165	Seasonal variability in the grazing potential of the invasive amphipod Gammarus tigrinus and the native amphipod Gammarus salinus (Amphipoda: Crustacea) in the northern Baltic Sea. *Biological Invasions*, **2009**, 11, 597-608	2.7	41
164	Large-scale variation in combined impacts of canopy loss and disturbance on community structure and ecosystem functioning. *PLoS ONE*, **2013**, 8, e66238	3.7	39
163	Analysis of trophic networks and carbon flows in south-eastern Baltic coastal ecosystems. *Progress in Oceanography*, **2009**, 81, 111-131	3.8	38
162	Separate and interactive effects of eutrophication and climate variables on the ecosystem elements of the Gulf of Riga. *Estuarine, Coastal and Shelf Science*, **2009**, 84, 509-518	2.9	37
161	Major Changes in Macroalgae Community Composition Affectthe Food and Habitat Preference of Idotea baltica. *International Review of Hydrobiology*, **2000**, 85, 697-705	2.3	37
160	Gulf of Riga and P□nu Bay. *Ecological Studies*, **2008**, 217-243	1.1	36
159	□n vitro□and □n situ□decomposition of nuisance macroalgae Cladophora glomerata and Pilayella littoralis. *Hydrobiologia*, **2002**, 475/476, 469-476	2.4	35
158	Competition for food between the introduced polychaete Marenzelleria viridis (Verrill) and the native amphipod Monoporeia affinis Lindstr□m in the Baltic Sea. *Journal of Sea Research*, **2003**, 50, 27-35	1.9	35
157	Chinese mitten crab Eriocheir sinensis in the Baltic Sea□ supply-side invader?. *Biological Invasions*, **2007**, 9, 409-418	2.7	34
156	Influence of the Thin Drift Algal Mats on the Distribution of Macrozoobenthos in K□guste Bay, NE Baltic Sea. *Hydrobiologia*, **2006**, 554, 97-105	2.4	33
155	Impacts of changing climate on the non-indigenous invertebrates in the northern Baltic Sea by end of the twenty-first century. *Biological Invasions*, **2016**, 18, 3015-3032	2.7	31
154	Linking the Structure of Benthic Invertebrate Communities and the Diet of Native and Invasive Fish Species in a Brackish Water Ecosystem. *Annales Zoologici Fennici*, **2011**, 48, 129-141	0.9	28
153	Diet composition and feeding activity of larval spring-spawning herring: Importance of environmental variability. *Journal of Sea Research*, **2012**, 68, 33-40	1.9	27
152	Integrating experimental and distribution data to predict future species patterns. *Scientific Reports*, **2019**, 9, 1821	4.9	26
151	A successful non-native predator, round goby, in the Baltic Sea: generalist feeding strategy, diverse diet and high prey consumption. *Hydrobiologia*, **2016**, 777, 271-281	2.4	25
150	Human activities and resultant pressures on key European marine habitats: An analysis of mapped resources. *Marine Policy*, **2018**, 98, 1-10	3.5	24
149	High climate velocity and population fragmentation may constrain climate-driven range shift of the key habitat former Fucus vesiculosus. *Diversity and Distributions*, **2018**, 24, 892-905	5	23
148	Seasonal variation in invertebrate grazing on Chara connivens and C. tomentosa in K□guste Bay, NE Baltic Sea. *Helgoland Marine Research*, **2004**, 58, 71-76	1.8	23

147	SHORT COMMUNICATION. Rapid establishment of the alien crabRhithropanopeus harrisii(Gould) in the Gulf of Riga. *Estonian Journal of Ecology*, **2012**, 61, 293		22
146	Realized niche width of a brackish water submerged aquatic vegetation under current environmental conditions and projected influences of climate change. *Marine Environmental Research*, **2014**, 102, 88-101	3.3	21
145	Contribution of scale-dependent environmental variability on the biomass patterns of drift algae and associated invertebrates in the Gulf of Riga, northern Baltic Sea. *Journal of Marine Systems*, **2008**, 74, S116-S123	2.7	21
144	Environmental factors influencing the biodeposition of the suspension feeding bivalve Dreissena polymorpha (Pallas): Comparison of brackish and freshwater populations. *Estuarine, Coastal and Shelf Science*, **2007**, 75, 459-467	2.9	21
143	Habitat mapping in the European Seas - is it fit for purpose in the marine restoration agenda?. *Marine Policy*, **2019**, 106, 103521	3.5	20
142	Predicting species cover of marine macrophyte and invertebrate species combining hyperspectral remote sensing, machine learning and regression techniques. *PLoS ONE*, **2014**, 8, e63946	3.7	20
141	Epiphytes and associated fauna on the brown alga Fucus vesiculosus in the Baltic and the North Seas in relation to different abiotic and biotic variables. *Marine Ecology*, **2011**, 32, 87-95	1.4	19
140	Effects of different types of mechanical disturbances on a charophyte dominated macrophyte community. *Estuarine, Coastal and Shelf Science*, **2010**, 87, 27-32	2.9	19
139	PCDD/Fs in sprat (Sprattus sprattus balticus) from the Gulf of Finland, the Baltic Sea. *Chemosphere*, **2006**, 65, 1570-5	8.4	19
138	Changes in the ecosystem of the Gulf of Riga from the 1970s to the 1990s. *ICES Journal of Marine Science*, **1999**, 56, 33-40	2.7	19
137	Relating remotely sensed optical variability to marine benthic biodiversity. *PLoS ONE*, **2013**, 8, e55624	3.7	18
136	Factors controlling long-term changes of the eutrophicated ecosystem of Pärnu Bay, Gulf of Riga. *Hydrobiologia*, **2004**, 514, 259-268	2.4	18
135	Predicting lake dissolved organic carbon at a global scale. *Scientific Reports*, **2020**, 10, 8471	4.9	18
134	Trans-Atlantic Distribution and Introgression as Inferred from Single Nucleotide Polymorphism: Mussels and Environmental Factors. *Genes*, **2020**, 11,	4.2	17
133	Crustacean invasions in the Estonian coastal sea. *Estonian Journal of Ecology*, **2009**, 58, 313		17
132	Bayesian inference for predicting potential oil spill related ecological risk **2009**,		17
131	High fecundity and predation pressure of the invasive Gammarus tigrinus cause decline of indigenous gammarids. *Estuarine, Coastal and Shelf Science*, **2015**, 165, 185-189	2.9	16
130	Novel crab predator causes marine ecosystem regime shift. *Scientific Reports*, **2018**, 8, 4956	4.9	16

129	In-air spectral signatures of the Baltic Sea macrophytes and their statistical separability. *Journal of Applied Remote Sensing*, **2014**, 8, 083634	1.4	16
128	Effects of the suspension feeding mussel Mytilus trossulus on a brackish water macroalgal and associated invertebrate community. *Marine Ecology*, **2009**, 30, 56-64	1.4	16
127	Response of zoobenthic communities to changing eutrophication in the northern Baltic Sea. *Hydrobiologia*, **2007**, 580, 97-108	2.4	16
126	The Essentials of Marine Biotechnology. *Frontiers in Marine Science*, **2021**, 8,	4.5	16
125	Random forest assessment of correlation between environmental factors and genetic differentiation of populations: Case of marine mussels Mytilus. *Oceanologia*, **2019**, 61, 131-142	2.2	16
124	Arctic Sensitivity? Suitable Habitat for Benthic Taxa Is Surprisingly Robust to Climate Change. *Frontiers in Marine Science*, **2019**, 6,	4.5	15
123	Laboratory analysis of the habitat occupancy of the crab Rhithropanopeus harrisii (Gould) in an invaded ecosystem: The north-eastern Baltic Sea. *Estuarine, Coastal and Shelf Science*, **2015**, 154, 152-157	2.9	15
122	Distribution and population characteristics of the alien talitrid amphipod Orchestia cavimana in relation to environmental conditions in the Northeastern Baltic Sea. *Helgoland Marine Research*, **2006**, 60, 121-126	1.8	15
121	Habitat Features and Their Influence on the Restoration Potential of Marine Habitats in Europe. *Frontiers in Marine Science*, **2020**, 7,	4.5	14
120	Does thalli complexity and biomass affect the associated flora and fauna of two co-occurring Fucus species in the Baltic Sea?. *Estuarine, Coastal and Shelf Science*, **2014**, 149, 187-193	2.9	14
119	From ecosystems to socio-economic benefits: A systematic review of coastal ecosystem services in the Baltic Sea. *Science of the Total Environment*, **2021**, 755, 142565	10.2	14
118	Predicting macroalgal pigments (chlorophyll a, chlorophyll b, chlorophyll a + b, carotenoids) in various environmental conditions using high-resolution hyperspectral spectroradiometers. *International Journal of Remote Sensing*, **2018**, 39, 5716-5738	3.1	14
117	Linking atmospheric, terrestrial and aquatic environments: Regime shifts in the Estonian climate over the past 50 years. *PLoS ONE*, **2018**, 13, e0209568	3.7	14
116	Field Measurements on the Variability in Biodeposition and Estimates of Grazing Pressure of Suspension-Feeding Bivalves in the Northern Baltic Sea **2005**, 11-29		14
115	Functional traits of marine macrophytes predict primary production. *Functional Ecology*, **2017**, 31, 975-986	5.6	13
114	Long-term changes in a northern Baltic macrophyte community. *Estonian Journal of Ecology*, **2009**, 58, 270		13
113	Is a rapid expansion of the invasive amphipod Gammarus tigrinus Sexton, 1939 associated with its niche selection: a case study in the Gulf of Finland, the Baltic Sea. *Aquatic Invasions*, **2013**, 8, 319-332	2.9	13
112	History and Success of an Invasion into the Baltic Sea: The Polychaete Marenzelleria cf. Viridis, Development and Strategies **2002**, 66-75		13

111	Relationships between biodiversity and the stability of marine ecosystems: Comparisons at a European scale using meta-analysis. *Journal of Sea Research*, **2015**, 98, 5-14	1.9	12
110	Separate and combined effects of habitat-specific fish predation on the survival of invasive and native gammarids. *Journal of Sea Research*, **2010**, 64, 369-372	1.9	12
109	Comparison of benthic and pelagic suspension feeding in shallow water habitats of the Northeastern Baltic Sea. *Marine Ecology*, **2009**, 30, 43-55	1.4	12
108	Complex plant–herbivore–predator interactions in a brackish water seaweed habitat. *Journal of Experimental Marine Biology and Ecology*, **2013**, 449, 51-56	2.1	11
107	Seasonal variability in the structure and functional diversity of psammic rotifer communities: role of environmental parameters. *Hydrobiologia*, **2017**, 796, 287-307	2.4	11
106	Disturbance-related patterns in unstable rocky benthic habitats of the north-eastern Baltic coast. *Proceedings of the Estonian Academy of Sciences*, **2015**, 64, 53	1.6	11
105	Relationship between shoreline substrate type and sensitivity of seafloor habitats at risk to oil pollution. *Ocean and Coastal Management*, **2012**, 66, 12-18	3.9	11
104	Modelling habitat range and seasonality of a new, non-indigenous polychaete Laonome sp. (Sabellida, Sabellidae) in Pärnu Bay, the north-eastern Baltic Sea. *Aquatic Invasions*, **2015**, 10, 275-285	2.9	11
103	Rangia cuneata (G. B. Sowerby I, 1831) continues its invasion in the Baltic Sea: the first record in Pärnu Bay, Estonia. *BioInvasions Records*, **2017**, 6, 167-172	1.8	11
102	Use case of biomass-based benthic invertebrate index for brackish waters in connection to climate and eutrophication. *Ecological Indicators*, **2012**, 12, 123-132	5.8	10
101	Mapping Baltic Sea shallow water environments with airborne remote sensing. *Oceanology*, **2012**, 52, 803-809	0.7	10
100	Spatial distribution of marine benthic habitats in the Estonian coastal sea, northeastern Baltic Sea. *Estonian Journal of Ecology*, **2013**, 62, 165		10
99	Alien species in a brackish water temperate ecosystem: annual-scale dynamics in response to environmental variability. *Environmental Research*, **2011**, 111, 933-42	7.9	10
98	Palaemon elegans Rathke, 1837 (Caridea: Palaemonoidea: Palaemonidae) established in the Gulf of Finland. *BioInvasions Records*, **2013**, 2, 125-132	1.8	10
97	Influence of the local abiotic environment, weather and regional nutrient loading on macrobenthic invertebrate feeding groups in a shallow brackish water ecosystem. *Oceanologia*, **2009**, 51, 541-559	2.2	10
96	Consistent patterns of spatial variability between NE Atlantic and Mediterranean rocky shores. *Journal of the Marine Biological Association of the United Kingdom*, **2017**, 97, 539-547	1.1	9
95	Specialization among amphipods: the invasive Gammarus tigrinus has narrower niche space compared to native gammarids. *Ecosphere*, **2016**, 7, e01306	3.1	9
94	Geographic variation in fitness-related traits of the bladderwrack along the Baltic Sea-North Sea salinity gradient. *Ecology and Evolution*, **2019**, 9, 9225-9238	2.8	9

93	Spatiotemporal variability in the eelgrass Zostera marina L. in the north-eastern Baltic Sea: canopy structure and associated macrophyte and invertebrate communities. *Estonian Journal of Ecology*, **2014**, 63, 90		9
92	How strong is the effect of invasive ecosystem engineers on the distribution patterns of local species, the local and regional biodiversity and ecosystem functions?. *Environmental Evidence*, **2012**, 1, 10	3.3	9
91	What are the effects of macroalgal blooms on the structure and functioning of marine ecosystems? A systematic review protocol. *Environmental Evidence*, **2012**, 1, 7	3.3	9
90	Detecting patterns and changes in a complex benthic environment of the Baltic Sea. *Journal of Applied Remote Sensing*, **2011**, 5, 053559	1.4	9
89	Establishing Functional Relationships between Abiotic Environment, Macrophyte Coverage, Resource Gradients and the Distribution of Mytilus trossulus in a Brackish Non-Tidal Environment. *PLoS ONE*, **2015**, 10, e0136949	3.7	9
88	Description of a new species of Sabellidae (Polychaeta, Annelida) from fresh and brackish waters in Europe, with some remarks on the branchial crown of Laonome. *Zootaxa*, **2018**, 4483, 349-364	0.5	9
87	The role of physical variables in biodiversity patterns of intertidal macroalgae along European coasts. *Journal of the Marine Biological Association of the United Kingdom*, **2017**, 97, 549-560	1.1	8
86	Environmental heterogeneity associated with European perch (Perca fluviatilis) predation on invasive round goby (Neogobius melanostomus). *Marine Environmental Research*, **2017**, 132, 132-139	3.3	8
85	In situ production of charophyte communities under reduced light conditions in a brackish-water ecosystem. *Estonian Journal of Ecology*, **2014**, 63, 28		8
84	Linking nutrient loading, local abiotic variables, richness and biomasses of macrophytes, and associated invertebrate species in the north-eastern Baltic Sea. *Estonian Journal of Ecology*, **2014**, 63, 145		8
83	Relationship between biological characteristics of fish and their contamination with trace metals: a case study of perchPerca fluviatilisL. in the Baltic Sea. *Proceedings of the Estonian Academy of Sciences*, **2013**, 62, 193	1.6	8
82	Bayesian inference for oil spill related Net Environmental Benefit Analysis **2009**,		8
81	Establishment of a taxonomic and molecular reference collection to support the identification of species regulated by the Western Australian Prevention List for Introduced Marine Pests. *Management of Biological Invasions*, **2017**, 8, 215-225	2.2	8
80	Haapsalu and Matsalu Bays. *Ecological Studies*, **2008**, 245-258	1.1	8
79	A New Network for the Advancement of Marine Biotechnology in Europe and Beyond. *Frontiers in Marine Science*, **2020**, 7,	4.5	7
78	Ecological niche differentiation between native and non-native shrimps in the northern Baltic Sea. *Aquatic Ecology*, **2017**, 51, 389-404	1.9	7
77	Diet of mussels Mytilus trossulus and Dreissena polymorpha in a brackish nontidal environment. *Marine Ecology*, **2014**, 35, 56-66	1.4	7
76	Inter-annual variations in biomass of loose lying algae Furcellaria Coccotylus community: The relative importance of local versus regional environmental factors in the West Estonian Archipelago. *Aquatic Botany*, **2011**, 95, 146-152	1.8	7

75	Effect of abiotic environment on the distribution of the attached and drifting red algaeFurcellaria lumbricalisin the Estonian coastal sea. *Estonian Journal of Ecology*, **2009**, 58, 245		7
74	Defining the coastal water quality in Estonia based on benthic invertebrate communities. *Estonian Journal of Ecology*, **2012**, 61, 86		7
73	Regional-Scale Patterns. *Ecological Studies*, **2009**, 89-99	1.1	7
72	Knowledge to decision in dynamic seas: Methods to incorporate non-indigenous species into cumulative impact assessments for maritime spatial planning. *Science of the Total Environment*, **2019**, 658, 1452-1464	10.2	7
71	Predicting the cover and richness of intertidal macroalgae in remote areas: a case study in the Antarctic Peninsula. *Ecology and Evolution*, **2018**, 8, 9086-9094	2.8	7
70	Essence of the patterns of cover and richness of intertidal hard bottom communities: a pan-European study. *Journal of the Marine Biological Association of the United Kingdom*, **2017**, 97, 525-538	1.1	6
69	Geographic patterns of biodiversity in European coastal marine benthos. *Journal of the Marine Biological Association of the United Kingdom*, **2017**, 97, 507-523	1.1	6
68	Introduction of a functionally novel consumer to a low diversity system: Effects of the mud crab Rhithropanopeus harrisii on meiobenthos. *Estuarine, Coastal and Shelf Science*, **2018**, 201, 132-139	2.9	6
67	Experimental evaluation of the effects of the novel predators, round goby and mud crab on benthic invertebrates in the Gulf of Riga, Baltic Sea. *Journal of the Marine Biological Association of the United Kingdom*, **2018**, 98, 25-31	1.1	6
66	Factors affecting the recruitment of Amphibalanus improvisus and Dreissena polymorpha in a highly eutrophic brackish bay. *Estuarine, Coastal and Shelf Science*, **2017**, 184, 37-45	2.9	6
65	Mean weight and total biomass of zooplankton as a core indicator of biodiversity of the Marine Strategy Framework Directive: an example of the Gulf of Riga. *Estonian Journal of Ecology*, **2014**, 63, 232		6
64	Comparisons of individual and community photosynthetic production indicate light limitation in the shallow water macroalgal communities of the Northern Baltic Sea. *Marine Ecology*, **2014**, 35, 19-27	1.4	6
63	Does the growth rate of driftingFurcellaria lumbricalisandCoccotylus truncatusdepend on their proportion and density?. *Proceedings of the Estonian Academy of Sciences*, **2013**, 62, 141	1.6	6
62	Important scales of distribution patterns of benthic species in the Gretagrund area, the central Gulf of Riga. *Estonian Journal of Ecology*, **2009**, 58, 259		6
61	Scale-dependent effects of nutrient loads and climatic conditions on benthic and pelagic communities in the Gulf of Finland. *Marine Ecology*, **2009**, 30, 20-32	1.4	6
60	Effect of observation method on the perception of community structure and water quality in a brackish water ecosystem. *Marine Ecology*, **2009**, 30, 105-112	1.4	6
59	Valorization of Marine Waste: Use of Industrial By-Products and Beach Wrack Towards the Production of High Added-Value Products. *Frontiers in Marine Science*, **2021**, 8,	4.5	6
58	Bayesian inference for predicting ecological water quality under different climate change scenarios **2009**,		6

57	The invasive amphipod Gammarus tigrinus Sexton, 1939 displaces native gammarid amphipods from sheltered macrophyte habitats of the Gulf of Riga. *Aquatic Invasions*, **2016**, 11, 45-54	2.9	6
56	Rapid expansion and facilitating factors of the Ponto-Caspian invader Dikerogammarus villosus within the eastern Baltic Sea. *Aquatic Invasions*, **2019**, 14, 165-181	2.9	6
55	Unveiling commonalities in understudied habitats of boulder-reefs: life-history traits of the widespread invertebrate and algal inhabitants. *Marine Biology Research*, **2018**, 14, 655-671	1	6
54	Detecting Long Time Changes in Benthic Macroalgal Cover Using Landsat Image Archive. *Remote Sensing*, **2020**, 12, 1901	5	5
53	Rating species sensitivity throughout gradient systems a consistent approach for the Baltic Sea. *Ecological Indicators*, **2016**, 61, 447-455	5.8	5
52	Trophic interactions between native and alien palaemonid prawns and an alien gammarid in a brackish water ecosystem. *Proceedings of the Estonian Academy of Sciences*, **2015**, 64, 518	1.6	5
51	Food selection of Coregonus lavaretus in a brackish water ecosystem. *Journal of Fish Biology*, **2011**, 78, 540-51	1.9	5
50	Response of benthic invertebrate communities to the large-scale dredging of Muuga Port. *Estonian Journal of Ecology*, **2009**, 58, 286		5
49	The first finding of the palaemonid shrimpPalaemon elegansRathke in the Estonian coastal sea. *Estonian Journal of Ecology*, **2012**, 61, 148		5
48	Oil accident response simulation: allocation of potential places of refuge **2009**,		5
47	Where Is More Important Than How in Coastal and Marine Ecosystems Restoration. *Frontiers in Marine Science*, **2021**, 8,	4.5	5
46	Ocean acidification may threaten a unique seaweed community and associated industry in the Baltic Sea. *Journal of Applied Phycology*, **2020**, 32, 2469-2478	3.2	5
45	Seagrass beds reveal high abundance of microplastic in sediments: A case study in the Baltic Sea. *Marine Pollution Bulletin*, **2021**, 168, 112417	6.7	5
44	Operationalisation of ecosystem services in support of ecosystem-based marine spatial planning: insights into needs and recommendations. *Marine Policy*, **2021**, 131, 104609	3.5	5
43	The short-term effects of crude oil on the survival of different size-classes of cladoceran Daphnia magna (Straus, 1820). *Oceanologia*, **2015**, 57, 71-77	2.2	4
42	Mussels of a marginal population affect the patterns of ambient macrofauna: A case study from the Baltic Sea. *Marine Environmental Research*, **2016**, 116, 10-7	3.3	4
41	Seasonal trends in horizontal and vertical patterns of zoopsammon in the brackish Baltic Sea in relation to key environmental variables. *Proceedings of the Biological Society of Washington*, **2014**, 127, 58-77	0.2	4
40	Predicting ecological resilience of marine benthic communities facing a high risk of oil spills. *WIT Transactions on the Built Environment*, **2008**,	3	4

39	There are no whole truths in meta-analyses: all their truths are half-truths. *Global Change Biology*, **2016**, 22, 968-71	11.4	4
38	Marine environmental vulnerability and cumulative risk profiles to support ecosystem-based adaptive maritime spatial planning. *ICES Journal of Marine Science*, **2018**, 75, 2488-2500	2.7	3
37	Relationships between mechanical disturbance and biomass of the invasive amphipod Gammarus tigrinus within a charophyte-dominated macrophyte community. *Marine Ecology*, **2014**, 35, 11-18	1.4	3
36	The first finding of the Ponto-Caspian mysid shrimpHemimysis anomalaG. O. Sars (Mysidae) in the Estonian coastal sea. *Estonian Journal of Ecology*, **2010**, 59, 230		3
35	Next-Generation Smart Response Web (NG-SRW): An Operational Spatial Decision Support System for Maritime Oil Spill Emergency Response in the Gulf of Finland (Baltic Sea). *Sustainability*, **2021**, 13, 6585	3.6	3
34	Meta-analysis on the ecological impacts of widely spread non-indigenous species in the Baltic Sea. *Science of the Total Environment*, **2021**, 786, 147375	10.2	3
33	Food web responses to eutrophication control in a coastal area of the Baltic Sea. *Ecological Modelling*, **2020**, 435, 109249	3	2
32	Environmental niche separation between native and non-native benthic invertebrate species: Case study of the northern Baltic Sea. *Marine Environmental Research*, **2017**, 131, 123-133	3.3	2
31	Effect of short-term elevated nutrients and mesoherbivore grazing on photosynthesis of macroalgal communities. *Proceedings of the Estonian Academy of Sciences*, **2014**, 63, 93	1.6	2
30	The effects of exotic seaweeds on native benthic assemblages: variability between trophic levels and influence of background environmental and biological conditions. *Environmental Evidence*, **2012**, 1, 8	3.3	2
29	First evidence on the epiphytic macroalgaPylaiella littoralison the prawnPalaemon adspersus. *Estonian Journal of Ecology*, **2013**, 62, 287		2
28	Food competition between the benthic polychaeteHediste diversicolorand the semipelagic mysidNeomysis integerin the northern Baltic Sea. *Estonian Journal of Ecology*, **2009**, 58, 324		2
27	Role of physical water properties and environmental disturbances on the diversity of coastal macrophyte and invertebrate communities in a brackish water ecosystem **2013**,		2
26	Online tool to integrate evidence-based knowledge into cumulative effects assessments: Linking human pressures to multiple nature assets. *Environmental Advances*, **2020**, 2, 100026	3.5	2
25	Aquatic invasive species: introduction to the Special Issue and dynamics of public interest. *Hydrobiologia*, **2021**, 848, 1939-1953	2.4	2
24	Response to a letter to editor regarding Kotta et al. 2020: Cleaning up seas using blue growth initiatives: Mussel farming for eutrophication control in the Baltic Sea. *Science of the Total Environment*, **2020**, 739, 138712	10.2	1
23	Marine protected areas modulate habitat suitability of the invasive round goby (Neogobius melanostomus) in the Baltic Sea. *Estuarine, Coastal and Shelf Science*, **2019**, 229, 106380	2.9	1
22	Testing effects of shore height level, sediment characteristics and vegetation cover on the seasonality of zoopsammon communities in the two boreal lakes differing in their trophic state. *Hydrobiologia*, **2013**, 700, 1-8	2.4	1

21	Taxonomic composition of zoopsammon in fresh and brackish waters of Estonia, a Baltic province ecoregion of Europe. *Estonian Journal of Ecology*, **2014**, 63, 242		1
20	Water salinity and benthic macrophyte communities are the key variables defining the distribution pattern of benthic faunal assemblages in the shallow water areas of the Gulf of Riga. *Estonian Journal of Ecology*, **2013**, 62, 107		1
19	Assessment of the ecological impact of an oil spill on shallow brackish-water benthic communities: a case study in the northeastern Baltic Sea. *Estonian Journal of Ecology*, **2012**, 61, 173		1
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