

Jonne Kotta

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.

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	A Model-Based Assessment of Canopy-Scale Primary Productivity for the Baltic Sea Benthic Vegetation Using Environmental Variables and Spectral Indices. <i>Remote Sensing</i> , 2022 , 14, 158	5	
181	A productivity bottleneck in the Baltic herring (<i>Clupea harengus membras</i>): Early life-history processes and recruitment variability.. <i>Marine Environmental Research</i> , 2022 , 177, 105638	3.3	0
180	Assessing the potential for sea-based macroalgae cultivation and its application for nutrient removal in the Baltic Sea. <i>Science of the Total Environment</i> , 2022 , 156230	10.2	0
179	Valorization of Marine Waste: Use of Industrial By-Products and Beach Wrack Towards the Production of High Added-Value Products. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	6
178	Where Is More Important Than How in Coastal and Marine Ecosystems Restoration. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	5
177	The Essentials of Marine Biotechnology. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	16
176	Aquatic invasive species: introduction to the Special Issue and dynamics of public interest. <i>Hydrobiologia</i> , 2021 , 848, 1939-1953	2.4	2
175	A trophic cascade facilitates native habitat providers within assemblages of multiple invasive marine species. <i>Ecosphere</i> , 2021 , 12, e03621	3.1	
174	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). <i>Sustainability</i> , 2021 , 13, 6585	3.6	3
173	Stability of rocky intertidal communities, in response to species removal, varies across spatial scales. <i>Oikos</i> , 2021 , 130, 1385-1398	4	0
172	Seagrass beds reveal high abundance of microplastic in sediments: A case study in the Baltic Sea. <i>Marine Pollution Bulletin</i> , 2021 , 168, 112417	6.7	5
171	From ecosystems to socio-economic benefits: A systematic review of coastal ecosystem services in the Baltic Sea. <i>Science of the Total Environment</i> , 2021 , 755, 142565	10.2	14
170	Current status, advancements and development needs of geospatial decision support tools for marine spatial planning in European seas. <i>Ocean and Coastal Management</i> , 2021 , 209, 105644	3.9	0
169	Operationalisation of ecosystem services in support of ecosystem-based marine spatial planning: insights into needs and recommendations. <i>Marine Policy</i> , 2021 , 131, 104609	3.5	5
168	Meta-analysis on the ecological impacts of widely spread non-indigenous species in the Baltic Sea. <i>Science of the Total Environment</i> , 2021 , 786, 147375	10.2	3
167	Mapping spatial distribution, percent cover and biomass of benthic vegetation in optically complex coastal waters using hyperspectral CASI and multispectral Sentinel-2 sensors. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021 , 102, 102444	7.3	1
166	Food web responses to eutrophication control in a coastal area of the Baltic Sea. <i>Ecological Modelling</i> , 2020 , 435, 109249	3	2

165	A Participatory Geospatial Toolkit for Science Integration and Knowledge Transfer Informing SDGs Based Governance and Decision Making. <i>Sustainability</i> , 2020 , 12, 8088	3.6	
164	A New Network for the Advancement of Marine Biotechnology in Europe and Beyond. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	7
163	Trans-Atlantic Distribution and Introgression as Inferred from Single Nucleotide Polymorphism: Mussels and Environmental Factors. <i>Genes</i> , 2020 , 11,	4.2	17
162	Effectiveness of common benthic macrofaunal sampling methodology in boulder and cobble reefs. <i>Journal of Experimental Marine Biology and Ecology</i> , 2020 , 530-531, 151413	2.1	
161	Detecting Long Time Changes in Benthic Macroalgal Cover Using Landsat Image Archive. <i>Remote Sensing</i> , 2020 , 12, 1901	5	5
160	Habitat Features and Their Influence on the Restoration Potential of Marine Habitats in Europe. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	14
159	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. <i>Science of the Total Environment</i> , 2020 , 739, 138712	10.2	1
158	Online tool to integrate evidence-based knowledge into cumulative effects assessments: Linking human pressures to multiple nature assets. <i>Environmental Advances</i> , 2020 , 2, 100026	3.5	2
157	Predicting lake dissolved organic carbon at a global scale. <i>Scientific Reports</i> , 2020 , 10, 8471	4.9	18
156	Ocean acidification may threaten a unique seaweed community and associated industry in the Baltic Sea. <i>Journal of Applied Phycology</i> , 2020 , 32, 2469-2478	3.2	5
155	Cleaning up seas using blue growth initiatives: Mussel farming for eutrophication control in the Baltic Sea. <i>Science of the Total Environment</i> , 2020 , 709, 136144	10.2	42
154	The overlooked role of taphonomy in ecology: post-mortem processes can outweigh recruitment effects on community functions. <i>Oikos</i> , 2020 , 129, 420-432	4	1
153	An Eco-GAME Meta-Evaluation of Existing Methods for the Appreciation of Ecosystem Services. <i>Sustainability</i> , 2020 , 12, 7805	3.6	1
152	Arctic Sensitivity? Suitable Habitat for Benthic Taxa Is Surprisingly Robust to Climate Change. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	15
151	Habitat mapping in the European Seas - is it fit for purpose in the marine restoration agenda?. <i>Marine Policy</i> , 2019 , 106, 103521	3.5	20
150	Integrating experimental and distribution data to predict future species patterns. <i>Scientific Reports</i> , 2019 , 9, 1821	4.9	26
149	Geographic variation in fitness-related traits of the bladderwrack along the Baltic Sea-North Sea salinity gradient. <i>Ecology and Evolution</i> , 2019 , 9, 9225-9238	2.8	9
148	Marine protected areas modulate habitat suitability of the invasive round goby (<i>Neogobius melanostomus</i>) in the Baltic Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2019 , 229, 106380	2.9	1

147	Rapid expansion and facilitating factors of the Ponto-Caspian invader <i>Dikerogammarus villosus</i> within the eastern Baltic Sea. <i>Aquatic Invasions</i> , 2019 , 14, 165-181	2.9	6
146	Random forest assessment of correlation between environmental factors and genetic differentiation of populations: Case of marine mussels <i>Mytilus</i> . <i>Oceanologia</i> , 2019 , 61, 131-142	2.2	16
145	Knowledge to decision in dynamic seas: Methods to incorporate non-indigenous species into cumulative impact assessments for maritime spatial planning. <i>Science of the Total Environment</i> , 2019 , 658, 1452-1464	10.2	7
144	Introduction of a functionally novel consumer to a low diversity system: Effects of the mud crab <i>Rhithropanopeus harrisi</i> on meiobenthos. <i>Estuarine, Coastal and Shelf Science</i> , 2018 , 201, 132-139	2.9	6
143	Novel crab predator causes marine ecosystem regime shift. <i>Scientific Reports</i> , 2018 , 8, 4956	4.9	16
142	Experimental evaluation of the effects of the novel predators, round goby and mud crab on benthic invertebrates in the Gulf of Riga, Baltic Sea. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2018 , 98, 25-31	1.1	6
141	High climate velocity and population fragmentation may constrain climate-driven range shift of the key habitat former <i>Fucus vesiculosus</i> . <i>Diversity and Distributions</i> , 2018 , 24, 892-905	5	23
140	Marine environmental vulnerability and cumulative risk profiles to support ecosystem-based adaptive maritime spatial planning. <i>ICES Journal of Marine Science</i> , 2018 , 75, 2488-2500	2.7	3
139	Diverse effects of invasive ecosystem engineers on marine biodiversity and ecosystem functions: A global review and meta-analysis. <i>Global Change Biology</i> , 2018 , 24, 906-924	11.4	63
138	Predicting macroalgal pigments (chlorophyll a, chlorophyll b, chlorophyll a + b, carotenoids) in various environmental conditions using high-resolution hyperspectral spectroradiometers. <i>International Journal of Remote Sensing</i> , 2018 , 39, 5716-5738	3.1	14
137	Linking atmospheric, terrestrial and aquatic environments: Regime shifts in the Estonian climate over the past 50 years. <i>PLoS ONE</i> , 2018 , 13, e0209568	3.7	14
136	Unveiling commonalities in understudied habitats of boulder-reefs: life-history traits of the widespread invertebrate and algal inhabitants. <i>Marine Biology Research</i> , 2018 , 14, 655-671	1	6
135	Predicting the cover and richness of intertidal macroalgae in remote areas: a case study in the Antarctic Peninsula. <i>Ecology and Evolution</i> , 2018 , 8, 9086-9094	2.8	7
134	Description of a new species of Sabellidae (Polychaeta, Annelida) from fresh and brackish waters in Europe, with some remarks on the branchial crown of <i>Laonome</i> . <i>Zootaxa</i> , 2018 , 4483, 349-364	0.5	9
133	Human activities and resultant pressures on key European marine habitats: An analysis of mapped resources. <i>Marine Policy</i> , 2018 , 98, 1-10	3.5	24
132	The importance of benthic-pelagic coupling for marine ecosystem functioning in a changing world. <i>Global Change Biology</i> , 2017 , 23, 2179-2196	11.4	175
131	Essence of the patterns of cover and richness of intertidal hard bottom communities: a pan-European study. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017 , 97, 525-538	1.1	6
130	Consistent patterns of spatial variability between NE Atlantic and Mediterranean rocky shores. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017 , 97, 539-547	1.1	9

129 Sandy coasts **2017**, 457-482

128 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

127 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

126 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

125 Ecological niche differentiation between native and non-native shrimps in the northern Baltic Sea. *Aquatic Ecology*, **2017**, 51, 389-404 1.9 7

124 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

123 Functional traits of marine macrophytes predict primary production. *Functional Ecology*, **2017**, 31, 975-986 3.6 13

122 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

121 Seasonal variability in the structure and functional diversity of psammic rotifer communities: role of environmental parameters. *Hydrobiologia*, **2017**, 796, 287-307 2.4 11

120 *Rangia cuneata* (G. B. Sowerby I, 1831) continues its invasion in the Baltic Sea: the first record in Põhnu Bay, Estonia. *BiolInvasions Records*, **2017**, 6, 167-172 1.8 11

119 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

118 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

117 Specialization among amphipods: the invasive *Gammarus tigrinus* has narrower niche space compared to native gammarids. *Ecosphere*, **2016**, 7, e01306 3.1 9

116 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

115 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

114 Rating species sensitivity throughout gradient systems – a consistent approach for the Baltic Sea. *Ecological Indicators*, **2016**, 61, 447-455 5.8 5

113 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

112 Which environmental scales and factors matter for mesozooplankton communities in a shallow brackish water ecosystem?. *Journal of Plankton Research*, **2016**, 38, 139-153 2.2

111	The invasive amphipod <i>Gammarus tigrinus</i> Sexton, 1939 displaces native gammarid amphipods from sheltered macrophyte habitats of the Gulf of Riga. <i>Aquatic Invasions</i> , 2016 , 11, 45-54	2.9	6
110	There are no whole truths in meta-analyses: all their truths are half-truths. <i>Global Change Biology</i> , 2016 , 22, 968-71	11.4	4
109	The Baltic Sea scale inventory of benthic faunal communities. <i>ICES Journal of Marine Science</i> , 2016 , 73, 1196-1213	2.7	51
108	High fecundity and predation pressure of the invasive <i>Gammarus tigrinus</i> cause decline of indigenous gammarids. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 165, 185-189	2.9	16
107	The short-term effects of crude oil on the survival of different size-classes of cladoceran <i>Daphnia magna</i> (Straus, 1820). <i>Oceanologia</i> , 2015 , 57, 71-77	2.2	4
106	Ecological impacts of invading seaweeds: a meta-analysis of their effects at different trophic levels. <i>Diversity and Distributions</i> , 2015 , 21, 1-12	5	53
105	Laboratory analysis of the habitat occupancy of the crab <i>Rhithropanopeus harrisi</i> (Gould) in an invaded ecosystem: The north-eastern Baltic Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 154, 152-157	2.9	15
104	Relationships between biodiversity and the stability of marine ecosystems: Comparisons at a European scale using meta-analysis. <i>Journal of Sea Research</i> , 2015 , 98, 5-14	1.9	12
103	Ecosystem impacts of the widespread non-indigenous species in the Baltic Sea: literature survey evidences major limitations in knowledge. <i>Hydrobiologia</i> , 2015 , 750, 171-185	2.4	45
102	Trophic interactions between native and alien palaemonid prawns and an alien gammarid in a brackish water ecosystem. <i>Proceedings of the Estonian Academy of Sciences</i> , 2015 , 64, 518	1.6	5
101	Disturbance-related patterns in unstable rocky benthic habitats of the north-eastern Baltic coast. <i>Proceedings of the Estonian Academy of Sciences</i> , 2015 , 64, 53	1.6	11
100	Establishing Functional Relationships between Abiotic Environment, Macrophyte Coverage, Resource Gradients and the Distribution of <i>Mytilus trossulus</i> in a Brackish Non-Tidal Environment. <i>PLoS ONE</i> , 2015 , 10, e0136949	3.7	9
99	Modelling habitat range and seasonality of a new, non-indigenous polychaete <i>Laonome</i> sp. (Sabellida, Sabellidae) in Põhja-Bay, the north-eastern Baltic Sea. <i>Aquatic Invasions</i> , 2015 , 10, 275-285	2.9	11
98	Seasonal trends in horizontal and vertical patterns of zooplankton in the brackish Baltic Sea in relation to key environmental variables. <i>Proceedings of the Biological Society of Washington</i> , 2014 , 127, 58-77	0.2	4
97	Does thalli complexity and biomass affect the associated flora and fauna of two co-occurring <i>Fucus</i> species in the Baltic Sea?. <i>Estuarine, Coastal and Shelf Science</i> , 2014 , 149, 187-193	2.9	14
96	Realized niche width of a brackish water submerged aquatic vegetation under current environmental conditions and projected influences of climate change. <i>Marine Environmental Research</i> , 2014 , 102, 88-101	3.3	21
95	In-air spectral signatures of the Baltic Sea macrophytes and their statistical separability. <i>Journal of Applied Remote Sensing</i> , 2014 , 8, 083634	1.4	16
94	Taxonomic composition of zooplankton in fresh and brackish waters of Estonia, a Baltic province ecoregion of Europe. <i>Estonian Journal of Ecology</i> , 2014 , 63, 242		1

93	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. <i>Estonian Journal of Ecology</i> , 2014 , 63, 232		6
92	In situ production of charophyte communities under reduced light conditions in a brackish-water ecosystem. <i>Estonian Journal of Ecology</i> , 2014 , 63, 28		8
91	Diet of mussels <i>Mytilus trossulus</i> and <i>Dreissena polymorpha</i> in a brackish nontidal environment. <i>Marine Ecology</i> , 2014 , 35, 56-66	1.4	7
90	Relationships between mechanical disturbance and biomass of the invasive amphipod <i>Gammarus tigrinus</i> within a charophyte-dominated macrophyte community. <i>Marine Ecology</i> , 2014 , 35, 11-18	1.4	3
89	Macroalgal blooms alter community structure and primary productivity in marine ecosystems. <i>Global Change Biology</i> , 2014 , 20, 2712-24	11.4	95
88	Spatiotemporal variability in the eelgrass <i>Zostera marina</i> L. in the north-eastern Baltic Sea: canopy structure and associated macrophyte and invertebrate communities. <i>Estonian Journal of Ecology</i> , 2014 , 63, 90		9
87	Linking nutrient loading, local abiotic variables, richness and biomasses of macrophytes, and associated invertebrate species in the north-eastern Baltic Sea. <i>Estonian Journal of Ecology</i> , 2014 , 63, 145		8
86	Effect of short-term elevated nutrients and mesoherbivore grazing on photosynthesis of macroalgal communities. <i>Proceedings of the Estonian Academy of Sciences</i> , 2014 , 63, 93	1.6	2
85	Comparisons of individual and community photosynthetic production indicate light limitation in the shallow water macroalgal communities of the Northern Baltic Sea. <i>Marine Ecology</i> , 2014 , 35, 19-27	1.4	6
84	Predicting species cover of marine macrophyte and invertebrate species combining hyperspectral remote sensing, machine learning and regression techniques. <i>PLoS ONE</i> , 2014 , 8, e63946	3.7	20
83	Complex plant-herbivore-predator interactions in a brackish water seaweed habitat. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013 , 449, 51-56	2.1	11
82	Testing effects of shore height level, sediment characteristics and vegetation cover on the seasonality of zooplankton communities in the two boreal lakes differing in their trophic state. <i>Hydrobiologia</i> , 2013 , 700, 1-8	2.4	1
81	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. <i>Estonian Journal of Ecology</i> , 2013 , 62, 107		1
80	Relationship between biological characteristics of fish and their contamination with trace metals: a case study of perch <i>Perca fluviatilis</i> L. in the Baltic Sea. <i>Proceedings of the Estonian Academy of Sciences</i> , 2013 , 62, 193	1.6	8
79	Spatial distribution of marine benthic habitats in the Estonian coastal sea, northeastern Baltic Sea. <i>Estonian Journal of Ecology</i> , 2013 , 62, 165		10
78	First evidence on the epiphytic macroalga <i>Pylaiella littoralis</i> on the prawn <i>Palaemon adspersus</i> . <i>Estonian Journal of Ecology</i> , 2013 , 62, 287		2
77	Does the growth rate of drifting <i>Furcellaria lumbricalis</i> and <i>Coccotylus truncatus</i> depend on their proportion and density?. <i>Proceedings of the Estonian Academy of Sciences</i> , 2013 , 62, 141	1.6	6
76	Relating remotely sensed optical variability to marine benthic biodiversity. <i>PLoS ONE</i> , 2013 , 8, e55624	3.7	18

75	On the myths of indicator species: issues and further consideration in the use of static concepts for ecological applications. <i>PLoS ONE</i> , 2013 , 8, e78219	3.7	54
74	Large-scale variation in combined impacts of canopy loss and disturbance on community structure and ecosystem functioning. <i>PLoS ONE</i> , 2013 , 8, e66238	3.7	39
73	Role of physical water properties and environmental disturbances on the diversity of coastal macrophyte and invertebrate communities in a brackish water ecosystem 2013 ,		2
72	Is a rapid expansion of the invasive amphipod <i>Gammarus tigrinus</i> Sexton, 1939 associated with its niche selection: a case study in the Gulf of Finland, the Baltic Sea. <i>Aquatic Invasions</i> , 2013 , 8, 319-332	2.9	13
71	<i>Palaemon elegans</i> Rathke, 1837 (Caridea: Palaemonoidea: Palaemonidae) established in the Gulf of Finland. <i>BioInvasions Records</i> , 2013 , 2, 125-132	1.8	10
70	Temporal stability of European rocky shore assemblages: variation across a latitudinal gradient and the role of habitat-formers. <i>Oikos</i> , 2012 , 121, 1801-1809	4	46
69	Diet composition and feeding activity of larval spring-spawning herring: Importance of environmental variability. <i>Journal of Sea Research</i> , 2012 , 68, 33-40	1.9	27
68	Relationship between shoreline substrate type and sensitivity of seafloor habitats at risk to oil pollution. <i>Ocean and Coastal Management</i> , 2012 , 66, 12-18	3.9	11
67	Use case of biomass-based benthic invertebrate index for brackish waters in connection to climate and eutrophication. <i>Ecological Indicators</i> , 2012 , 12, 123-132	5.8	10
66	Mapping Baltic Sea shallow water environments with airborne remote sensing. <i>Oceanology</i> , 2012 , 52, 803-809	0.7	10
65	How strong is the effect of invasive ecosystem engineers on the distribution patterns of local species, the local and regional biodiversity and ecosystem functions?. <i>Environmental Evidence</i> , 2012 , 1, 10	3.3	9
64	What are the effects of macroalgal blooms on the structure and functioning of marine ecosystems? A systematic review protocol. <i>Environmental Evidence</i> , 2012 , 1, 7	3.3	9
63	The effects of exotic seaweeds on native benthic assemblages: variability between trophic levels and influence of background environmental and biological conditions. <i>Environmental Evidence</i> , 2012 , 1, 8	3.3	2
62	A meta-analysis of seaweed impacts on seagrasses: generalities and knowledge gaps. <i>PLoS ONE</i> , 2012 , 7, e28595	3.7	71
61	Assessment of the ecological impact of an oil spill on shallow brackish-water benthic communities: a case study in the northeastern Baltic Sea. <i>Estonian Journal of Ecology</i> , 2012 , 61, 173		1
60	Defining the coastal water quality in Estonia based on benthic invertebrate communities. <i>Estonian Journal of Ecology</i> , 2012 , 61, 86		7
59	SHORT COMMUNICATION. Rapid establishment of the alien crab <i>Rhithropanopeus harrisi</i> (Gould) in the Gulf of Riga. <i>Estonian Journal of Ecology</i> , 2012 , 61, 293		22
58	The first finding of the palaemonid shrimp <i>Palaemon elegans</i> Rathke in the Estonian coastal sea. <i>Estonian Journal of Ecology</i> , 2012 , 61, 148		5

57	Hypoxia is increasing in the coastal zone of the Baltic Sea. <i>Environmental Science & Technology</i> , 2011 , 45, 6777-83	10.3	255
56	Inter-annual variations in biomass of loose lying algae <i>Furcellaria</i> – <i>Toccotylus</i> community: The relative importance of local versus regional environmental factors in the West Estonian Archipelago. <i>Aquatic Botany</i> , 2011 , 95, 146-152	1.8	7
55	Alien species in a brackish water temperate ecosystem: annual-scale dynamics in response to environmental variability. <i>Environmental Research</i> , 2011 , 111, 933-42	7.9	10
54	Linking the Structure of Benthic Invertebrate Communities and the Diet of Native and Invasive Fish Species in a Brackish Water Ecosystem. <i>Annales Zoologici Fennici</i> , 2011 , 48, 129-141	0.9	28
53	Epiphytes and associated fauna on the brown alga <i>Fucus vesiculosus</i> in the Baltic and the North Seas in relation to different abiotic and biotic variables. <i>Marine Ecology</i> , 2011 , 32, 87-95	1.4	19
52	Food selection of <i>Coregonus lavaretus</i> in a brackish water ecosystem. <i>Journal of Fish Biology</i> , 2011 , 78, 540-51	1.9	5
51	Detecting patterns and changes in a complex benthic environment of the Baltic Sea. <i>Journal of Applied Remote Sensing</i> , 2011 , 5, 053559	1.4	9
50	The first finding of the Ponto-Caspian mysid shrimp <i>Hemimysis anomala</i> G. O. Sars (Mysidae) in the Estonian coastal sea. <i>Estonian Journal of Ecology</i> , 2010 , 59, 230		3
49	Separate and combined effects of habitat-specific fish predation on the survival of invasive and native gammarids. <i>Journal of Sea Research</i> , 2010 , 64, 369-372	1.9	12
48	Effects of different types of mechanical disturbances on a charophyte dominated macrophyte community. <i>Estuarine, Coastal and Shelf Science</i> , 2010 , 87, 27-32	2.9	19
47	Effect of abiotic environment on the distribution of the attached and drifting red algae <i>Furcellaria lumbricalis</i> in the Estonian coastal sea. <i>Estonian Journal of Ecology</i> , 2009 , 58, 245		7
46	Food competition between the benthic polychaete <i>Hediste diversicolor</i> and the semipelagic mysid <i>Neomysis integer</i> in the northern Baltic Sea. <i>Estonian Journal of Ecology</i> , 2009 , 58, 324		2
45	Response of benthic invertebrate communities to the large-scale dredging of Muuga Port. <i>Estonian Journal of Ecology</i> , 2009 , 58, 286		5
44	Long-term changes in a northern Baltic macrophyte community. <i>Estonian Journal of Ecology</i> , 2009 , 58, 270		13
43	Important scales of distribution patterns of benthic species in the Gretagrund area, the central Gulf of Riga. <i>Estonian Journal of Ecology</i> , 2009 , 58, 259		6
42	Crustacean invasions in the Estonian coastal sea. <i>Estonian Journal of Ecology</i> , 2009 , 58, 313		17
41	Analysis of trophic networks and carbon flows in south-eastern Baltic coastal ecosystems. <i>Progress in Oceanography</i> , 2009 , 81, 111-131	3.8	38
40	Separate and interactive effects of eutrophication and climate variables on the ecosystem elements of the Gulf of Riga. <i>Estuarine, Coastal and Shelf Science</i> , 2009 , 84, 509-518	2.9	37

39	Seasonal variability in the grazing potential of the invasive amphipod <i>Gammarus tigrinus</i> and the native amphipod <i>Gammarus salinus</i> (Amphipoda: Crustacea) in the northern Baltic Sea. <i>Biological Invasions</i> , 2009 , 11, 597-608	2.7	41
38	Comparison of benthic and pelagic suspension feeding in shallow water habitats of the Northeastern Baltic Sea. <i>Marine Ecology</i> , 2009 , 30, 43-55	1.4	12
37	Effects of the suspension feeding mussel <i>Mytilus trossulus</i> on a brackish water macroalgal and associated invertebrate community. <i>Marine Ecology</i> , 2009 , 30, 56-64	1.4	16
36	Scale-dependent effects of nutrient loads and climatic conditions on benthic and pelagic communities in the Gulf of Finland. <i>Marine Ecology</i> , 2009 , 30, 20-32	1.4	6
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8	Factors controlling long-term changes of the eutrophicated ecosystem of Pīņu Bay, Gulf of Riga 2004 , 259-268		0
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