

Kaj Ksj Sand-Jensen

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.

229
papers

12,664
citations

63
h-index

102
g-index

232
ext. papers

13,735
ext. citations

4.1
avg, IF

6.58
L-index

#	Paper	IF	Citations
229	Environmental drivers and sources of stream oxygen consumption in an agricultural lake catchment. <i>Ecological Engineering</i> , 2022 , 176, 106516	3.9	0
228	Removal of chromophoric dissolved organic matter under combined photochemical and microbial degradation as a response to different irradiation intensities.. <i>Journal of Environmental Sciences</i> , 2022 , 118, 76-86	6.4	1
227	Wind drives fast changes of light climate in a large, shallow re-established lake. <i>Science of the Total Environment</i> , 2022 , 806, 151354	10.2	1
226	Optimal physical design in a new lake for reducing phosphorus pools. <i>Ecological Engineering</i> , 2021 , 161, 106160	3.9	2
225	Drier, darker and more fertile: 140 years of plant habitat change driven by land-use intensification. <i>Journal of Vegetation Science</i> , 2021 , 32, e13066	3.1	4
224	Century-long records reveal shifting challenges to seagrass recovery. <i>Global Change Biology</i> , 2021 , 27, 563-575	11.4	8
223	Large pools and fluxes of carbon, calcium and phosphorus in dense charophyte stands in ponds. <i>Science of the Total Environment</i> , 2021 , 765, 142792	10.2	0
222	From drought to flood: Sudden carbon inflow causes whole-lake anoxia and massive fish kill in a large shallow lake. <i>Science of the Total Environment</i> , 2020 , 739, 140072	10.2	8
221	Fingerprinting pike: The use of image recognition to identify individual pikes. <i>Fisheries Research</i> , 2020 , 229, 105622	2.3	1
220	Carbon dioxide efflux and ecosystem metabolism of small forest lakes. <i>Aquatic Sciences</i> , 2020 , 82, 1	2.5	7
219	Temporal development of biodiversity of macrophytes in newly established lakes. <i>Freshwater Biology</i> , 2020 , 65, 379-389	3.1	7
218	Carbon Dioxide Partial Pressure and Emission Throughout the Scandinavian Stream Network. <i>Global Biogeochemical Cycles</i> , 2020 , 34, e2020GB006703	5.9	3
217	Shallow plant-dominated lakes - extreme environmental variability, carbon cycling and ecological species challenges. <i>Annals of Botany</i> , 2019 , 124, 355-366	4.1	10
216	Carbon dioxide fluxes of air-exposed sediments and desiccating ponds. <i>Biogeochemistry</i> , 2019 , 144, 165-180	3.8	8
215	Sexual conflict and intrasexual polymorphism promote assortative mating and halt population differentiation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20190251	4.4	5
214	Water temperature dynamics and the prevalence of daytime stratification in small temperate shallow lakes. <i>Hydrobiologia</i> , 2019 , 826, 247-262	2.4	20
213	More is less: net gain in species richness, but biotic homogenization over 140 years. <i>Ecology Letters</i> , 2019 , 22, 1650-1657	10	53

212	Catchment properties and the photosynthetic trait composition of freshwater plant communities. <i>Science</i> , 2019 , 366, 878-881	33.3	44
211	Inorganic carbon promotes photosynthesis, growth, and maximum biomass of phytoplankton in eutrophic water bodies. <i>Freshwater Biology</i> , 2019 , 64, 1956-1970	3.1	12
210	The carbon pump supports high primary production in a shallow lake. <i>Aquatic Sciences</i> , 2019 , 81, 1	2.5	12
209	The Dangers of Being a Small, Oligotrophic and Light Demanding Freshwater Plant across a Spatial and Historical Eutrophication Gradient in Southern Scandinavia. <i>Frontiers in Plant Science</i> , 2018 , 9, 66	6.2	8
208	Photosynthesis and calcification of charophytes. <i>Aquatic Botany</i> , 2018 , 149, 46-51	1.8	9
207	High temperatures cause reduced growth, plant death and metabolic changes in eelgrass <i>Zostera marina</i> . <i>Marine Ecology - Progress Series</i> , 2018 , 604, 121-132	2.6	17
206	Carbon limitation of lake productivity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	17
205	Technical note: A simple and cost-efficient automated floating chamber for continuous measurements of carbon dioxide gas flux on lakes. <i>Biogeosciences</i> , 2018 , 15, 5565-5573	4.6	9
204	Coupled UV-exposure and microbial decomposition improves measures of organic matter degradation and light models in humic lake. <i>Ecological Engineering</i> , 2018 , 118, 191-200	3.9	10
203	Adaptation and growth performance of four endangered amphibious freshwater species. <i>Aquatic Botany</i> , 2018 , 150, 16-22	1.8	2
202	Time-restricted flight ability influences dispersal and colonization rates in a group of freshwater beetles. <i>Ecology and Evolution</i> , 2017 , 7, 824-830	2.8	14
201	Profound afternoon depression of ecosystem production and nighttime decline of respiration in a macrophyte-rich, shallow lake. <i>Oecologia</i> , 2017 , 185, 157-170	2.9	15
200	Recovery of lake vegetation following reduced eutrophication and acidification. <i>Freshwater Biology</i> , 2017 , 62, 1847	3.1	16
199	Extreme diel dissolved oxygen and carbon cycles in shallow vegetated lakes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	31
198	High rates and close diel coupling of primary production and ecosystem respiration in small, oligotrophic lakes. <i>Aquatic Sciences</i> , 2017 , 79, 995-1007	2.5	13
197	Decade-long time delays in nutrient and plant species dynamics during eutrophication and re-oligotrophication of Lake Fure 1900-2015. <i>Journal of Ecology</i> , 2017 , 105, 690-700	6	37
196	Profound daily vertical stratification and mixing in a small, shallow, wind-exposed lake with submerged macrophytes. <i>Aquatic Sciences</i> , 2017 , 79, 395-406	2.5	36
195	Remarkable richness of aquatic macrophytes in 3-years old re-established Lake Fil, Denmark. <i>Ecological Engineering</i> , 2016 , 95, 375-383	3.9	14

194	Variable history of land use reduces the relationship to specific habitat requirements of a threatened aquatic insect. <i>Population Ecology</i> , 2016 , 58, 155-164	2.1	3
193	Water-level fluctuations affect sediment properties, carbon flux and growth of the isoetid <i>Littorella uniflora</i> in oligotrophic lakes. <i>Freshwater Biology</i> , 2016 , 61, 301-315	3.1	18
192	Leaf gas films, underwater photosynthesis and plant species distributions in a flood gradient. <i>Plant, Cell and Environment</i> , 2016 , 39, 1537-48	8.4	24
191	Acclimation of photosynthesis to supersaturated CO ₂ in aquatic plant bicarbonate users. <i>Freshwater Biology</i> , 2016 , 61, 1720-1732	3.1	39
190	Whole-stream metabolism in nutrient-poor calcareous streams on land, Sweden. <i>Aquatic Sciences</i> , 2015 , 77, 207-219	2.5	8
189	High resistance of oligotrophic isoetid plants to oxic and anoxic dark exposure. <i>Freshwater Biology</i> , 2015 , 60, 1044-1051	3.1	11
188	Niche specialization and functional traits regulate the rarity of charophytes in the Nordic countries. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015 , 25, 609-621	2.6	15
187	From soaking wet to bone dry: predicting plant community composition along a steep hydrological gradient. <i>Journal of Vegetation Science</i> , 2015 , 26, 619-630	3.1	38
186	Positive interactions between moss cushions and vascular plant cover improve water economy on land alvar, Sweden. <i>Botany</i> , 2015 , 93, 141-150	1.3	5
185	Optical Changes in a Eutrophic Estuary During Reduced Nutrient Loadings. <i>Estuaries and Coasts</i> , 2014 , 37, 880-892	2.8	18
184	Comparative growth and metabolism of gelatinous colonies of three cyanobacteria, <i>Nostoc commune</i> , <i>Nostoc pruniforme</i> and <i>Nostoc zetterstedtii</i> , at different temperatures. <i>Freshwater Biology</i> , 2014 , 59, 2183-2193	3.1	11
183	Reduced root anchorage of freshwater plants in sandy sediments enriched with fine organic matter. <i>Freshwater Biology</i> , 2014 , 59, 427-437	3.1	16
182	Ecophysiology of gelatinous <i>Nostoc</i> colonies: unprecedented slow growth and survival in resource-poor and harsh environments. <i>Annals of Botany</i> , 2014 , 114, 17-33	4.1	34
181	Seventy years of changes in the abundance of Danish charophytes. <i>Freshwater Biology</i> , 2013 , 58, 1682-1693	3.1	36
180	How do low dispersal species establish large range sizes? The case of the water beetle <i>Graphoderus bilineatus</i> . <i>Ecography</i> , 2013 , 36, 770-777	6.5	21
179	Fluctuating water levels control water chemistry and metabolism of a charophyte-dominated pond. <i>Freshwater Biology</i> , 2013 , 58, 1353-1365	3.1	35
178	Underwater photosynthesis of submerged plants - recent advances and methods. <i>Frontiers in Plant Science</i> , 2013 , 4, 140	6.2	138
177	Organic enrichment of sediments reduces arbuscular mycorrhizal fungi in oligotrophic lake plants. <i>Freshwater Biology</i> , 2013 , 58, 769-779	3.1	14

176	Rapid oxygen exchange across the leaves of <i>Littorella uniflora</i> provides tolerance to sediment anoxia. <i>Freshwater Biology</i> , 2012 , 57, 1875-1883	3.1	13
175	The metabolism of aquatic ecosystems: history, applications, and future challenges. <i>Aquatic Sciences</i> , 2012 , 74, 15-29	2.5	139
174	Lake metabolism scales with lake morphometry and catchment conditions. <i>Aquatic Sciences</i> , 2012 , 74, 155-169	2.5	75
173	Moss cushions facilitate water and nutrient supply for plant species on bare limestone pavements. <i>Oecologia</i> , 2012 , 170, 305-12	2.9	18
172	CO ₂ dynamics along Danish lowland streams: water-air gradients, piston velocities and evasion rates. <i>Biogeochemistry</i> , 2012 , 111, 615-628	3.8	31
171	Improved prediction of vegetation composition in NW European softwater lakes by combining location, water and sediment chemistry. <i>Aquatic Sciences</i> , 2012 , 74, 351-360	2.5	10
170	Tolerance of the widespread cyanobacterium <i>Nostoc commune</i> to extreme temperature variations (-269 to 105°C), pH and salt stress. <i>Oecologia</i> , 2012 , 169, 331-9	2.9	33
169	Ecosystem metabolism in a temporary Mediterranean marsh (Doñana National Park, SW Spain). <i>Biogeosciences</i> , 2011 , 8, 963-971	4.6	16
168	High sensitivity of <i>Lobelia dortmanna</i> to sediment oxygen depletion following organic enrichment. <i>New Phytologist</i> , 2011 , 190, 320-31	9.8	25
167	Unprecedented slow growth and mortality of the rare colonial cyanobacterium, <i>Nostoc zetterstedtii</i> , in oligotrophic lakes. <i>Limnology and Oceanography</i> , 2011 , 56, 1976-1982	4.8	3
166	Influence of sediment organic enrichment and water alkalinity on growth of aquatic isoetid and elodeid plants. <i>Freshwater Biology</i> , 2010 , 55, 1891-1904	3.1	47
165	Drivers of metabolism and net heterotrophy in contrasting lakes. <i>Limnology and Oceanography</i> , 2010 , 55, 817-830	4.8	30
164	Species pool versus site limitations of macrophytes in urban waters. <i>Aquatic Sciences</i> , 2010 , 72, 379-389	2.5	10
163	Drivers of metabolism and net heterotrophy in contrasting lakes 2010 , 55, 817		34
162	Net Heterotrophy in Small Danish Lakes: A Widespread Feature Over Gradients in Trophic Status and Land Cover. <i>Ecosystems</i> , 2009 , 12, 336-348	3.9	39
161	Metabolism and resources of spherical colonies of <i>Nostoc zetterstedtii</i> . <i>Limnology and Oceanography</i> , 2009 , 54, 1282-1291	4.8	7
160	Active accumulation of internal DIC pools reduces transport limitation in large colonies of <i>Nostoc pruniforme</i> . <i>Aquatic Biology</i> , 2009 , 5, 23-29	2	5
159	Iron plaques improve the oxygen supply to root meristems of the freshwater plant, <i>Lobelia dortmanna</i> . <i>New Phytologist</i> , 2008 , 179, 848-856	9.8	42

158	Streamlining of plant patches in streams. <i>Freshwater Biology</i> , 2008 , 53, 714-726	3.1	45
157	Vegetation and flow regime in lowland streams. <i>Freshwater Biology</i> , 2008 , 53, 1531-1543	3.1	41
156	The search for reference conditions for stream vegetation in northern Europe. <i>Freshwater Biology</i> , 2008 , 53, 1890-1901	3.1	38
155	100 years of vegetation decline and recovery in Lake Fure, Denmark. <i>Journal of Ecology</i> , 2008 , 96, 260-271	3.1	98
154	Outstanding <i>Lobelia dortmanna</i> in iron armor. <i>Plant Signaling and Behavior</i> , 2008 , 3, 882-4	2.5	5
153	Drag forces on common plant species in temperate streams: consequences of morphology, velocity and biomass. <i>Hydrobiologia</i> , 2008 , 610, 307-319	2.4	41
152	Temperature in lowland Danish streams: contemporary patterns, empirical models and future scenarios. <i>Hydrological Processes</i> , 2007 , 21, 348-358	3.3	38
151	Bacterial metabolism in small temperate streams under contemporary and future climates. <i>Freshwater Biology</i> , 2007 , 52, 2340-2353	3.1	63
150	Scaling of photosynthetic production of aquatic macrophytes – a review. <i>Oikos</i> , 2007 , 116, 280-294	4	55
149	How to write consistently boring scientific literature. <i>Oikos</i> , 2007 , 116, 723-727	4	34
148	Scaling of Pelagic Metabolism to Size, Trophic and Forest Cover in Small Danish Lakes. <i>Ecosystems</i> , 2007 , 10, 128-142	3.9	39
147	Temporal dynamics and regulation of lake metabolism. <i>Limnology and Oceanography</i> , 2007 , 52, 108-120	4.8	82
146	Scaling of photosynthetic production of aquatic macrophytes – a review. <i>Oikos</i> , 2007 , 116, 280-294	4	1
145	How to write consistently boring scientific literature 2007 , 116, 723		2
144	Oxygen Movement in Seagrasses 2007 , 255-270		2
143	Community photosynthesis of aquatic macrophytes. <i>Limnology and Oceanography</i> , 2006 , 51, 2722-2733	4.8	62
142	Salt tolerance and distribution of estuarine benthic macroalgae in the Kattegat-Baltic Sea area. <i>Phycologia</i> , 2006 , 45, 13-23	2.7	21
141	Seasonal changes in temperature and nutrient control of photosynthesis, respiration and growth of natural phytoplankton communities. <i>Freshwater Biology</i> , 2006 , 51, 249-262	3.1	99

140	Dispersal of plant fragments in small streams. <i>Freshwater Biology</i> , 2006 , 51, 274-286	3.1	104
139	Highly predictable photosynthetic production in natural macroalgal communities from incoming and absorbed light. <i>Oecologia</i> , 2006 , 150, 464-76	2.9	42
138	Aquatic plants are open flexible structures in a reply to Sukhodolov. <i>Freshwater Biology</i> , 2005 , 50, 196-198	3.1	11
137	Oxygen stress and reduced growth of <i>Lobelia dortmanna</i> in sandy lake sediments subject to organic enrichment. <i>Freshwater Biology</i> , 2005 , 50, 1034-1048	3.1	32
136	Differences in temperature, organic carbon and oxygen consumption among lowland streams. <i>Freshwater Biology</i> , 2005 , 50, 1927-1937	3.1	29
135	Contrasting oxygen dynamics in the freshwater isoetid <i>Lobelia dortmanna</i> and the marine seagrass <i>Zostera marina</i> . <i>Annals of Botany</i> , 2005 , 96, 613-23	4.1	77
134	Patterns of Species Number and Abundance in Macroalgal Communities in Coastal Waters. <i>Hydrobiologia</i> , 2004 , 511, 173-183	2.4	6
133	Pigment specific in vivo light absorption of phytoplankton from estuarine, coastal and oceanic waters. <i>Marine Ecology - Progress Series</i> , 2004 , 275, 115-128	2.6	18
132	Estuarine Primary Producers 2004 , 17-57		3
131	Variation in Light Absorption Properties of <i>Mentha aquatica</i> L. as a Function of Leaf Form: Implications for Plant Growth. <i>International Journal of Plant Sciences</i> , 2003 , 164, 125-136	2.6	29
130	Spatial and interannual variations with depth in eelgrass populations. <i>Journal of Experimental Marine Biology and Ecology</i> , 2003 , 291, 1-15	2.1	23
129	Drag and reconfiguration of freshwater macrophytes. <i>Freshwater Biology</i> , 2003 , 48, 271-283	3.1	150
128	Phytoplankton, nutrients, and transparency in Danish coastal waters. <i>Estuaries and Coasts</i> , 2002 , 25, 930-937		74
127	Depth colonization of eelgrass (<i>Zostera marina</i>) and macroalgae as determined by water transparency in Danish coastal waters. <i>Estuaries and Coasts</i> , 2002 , 25, 1025-1032		117
126	Herbivory and growth in terrestrial and aquatic populations of amphibious stream plants. <i>Freshwater Biology</i> , 2002 , 47, 1475-1487	3.1	9
125	Abundance-range size relationships in stream vegetation in Denmark. <i>Plant Ecology</i> , 2002 , 161, 175-183	1.7	23
124	Production in aquatic macrophyte communities: A theoretical and empirical study of the influence of spatial light distribution. <i>Limnology and Oceanography</i> , 2002 , 47, 1742-1750	4.8	29
123	Importance of structure and density of macroalgal communities (<i>Fucus serratus</i>) for photosynthetic production and light utilisation. <i>Marine Ecology - Progress Series</i> , 2002 , 235, 53-62	2.6	25

122	Depth-acclimation of photosynthesis, morphology and demography of <i>Posidonia oceanica</i> and <i>Cymodocea nodosa</i> in the Spanish Mediterranean Sea. <i>Marine Ecology - Progress Series</i> , 2002 , 236, 89-97	2.6	112
121	Historical changes in species composition and richness accompanying perturbation and eutrophication of Danish lowland streams over 100 years. <i>Freshwater Biology</i> , 2001 , 46, 269-280	3.1	84
120	Plant distribution and abundance in relation to physical conditions and location within Danish stream systems. <i>Hydrobiologia</i> , 2001 , 448, 217-228	2.4	54
119	Freshwater Ecosystems, Human Impact on 2001 , 89-108		6
118	Macrophyte decline in Danish lakes and streams over the past 100 years. <i>Journal of Ecology</i> , 2000 , 88, 1030-1040	6	193
117	Eelgrass, <i>Zostera marina</i> , growth along depth gradients: upper boundaries of the variation as a powerful predictive tool. <i>Oikos</i> , 2000 , 91, 233-244	4	63
116	Aquatic macrophyte richness in Danish lakes in relation to alkalinity, transparency, and lake area. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2000 , 57, 2022-2031	2.4	112
115	Alkalinity and trophic state regulate aquatic plant distribution in Danish lakes. <i>Aquatic Botany</i> , 2000 , 67, 85-107	1.8	167
114	Plant communities in lowland Danish streams: species composition and environmental factors. <i>Aquatic Botany</i> , 2000 , 66, 255-272	1.8	110
113	Long-term changes in macroalgal communities in a Danish estuary. <i>Phycologia</i> , 2000 , 39, 245-257	2.7	49
112	Slow growth and decomposition of mosses in Arctic lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1999 , 56, 388-393	2.4	42
111	Velocity gradients and turbulence around macrophyte stands in streams. <i>Freshwater Biology</i> , 1999 , 42, 315-328	3.1	123
110	Budget shock hits Danish universities. <i>Nature</i> , 1999 , 398, 365-365	50.4	
109	Plant growth and photosynthesis in the transition zone between land and stream. <i>Aquatic Botany</i> , 1999 , 63, 23-35	1.8	55
108	Photosynthesis of amphibious and obligately submerged plants in CO ₂ -rich lowland streams. <i>Oecologia</i> , 1998 , 117, 31-39	2.9	43
107	PATTERNS OF MACROALGAL SPECIES DIVERSITY IN DANISH ESTUARIES. <i>Journal of Phycology</i> , 1998 , 34, 457-466	3	22
106	Influence of submerged macrophytes on sediment composition and near-bed flow in lowland streams. <i>Freshwater Biology</i> , 1998 , 39, 663-679	3.1	276
105	Precipitated iron and manganese plaques restrict root uptake of phosphorus in <i>Lobelia dortmanna</i> . <i>Canadian Journal of Botany</i> , 1998 , 76, 2158-2163		13

104	Light attenuation and photosynthesis of aquatic plant communities. <i>Limnology and Oceanography</i> , 1998 , 43, 396-407	4.8	115
103	Precipitated iron and manganese plaques restrict root uptake of phosphorus in <i>Lobelia dortmanna</i> . <i>Canadian Journal of Botany</i> , 1998 , 76, 2158-2163		52
102	Broad-Scale Comparison of Photosynthesis in Terrestrial and Aquatic Plant Communities. <i>Oikos</i> , 1997 , 80, 203	4	25
101	Regulation and role of photosynthesis in the colonial symbiotic ciliate <i>Ophrydium versatile</i> . <i>Limnology and Oceanography</i> , 1997 , 42, 866-873	4.8	8
100	Growth Reconstruction and Photosynthesis of Aquatic Mosses: Influence of Light, Temperature and Carbon Dioxide at Depth. <i>Journal of Ecology</i> , 1997 , 85, 359	6	39
99	Patterns of macroalgal distribution in the Kattegat-Baltic region. <i>Phycologia</i> , 1997 , 36, 208-219	2.7	33
98	CO2 increases oceanic primary production. <i>Nature</i> , 1997 , 388, 526-527	50.4	265
97	Growth rates and morphological adaptations of aquatic and terrestrial forms of amphibious <i>Littorella uniflora</i> (L.) Aschers. 1997 , 129, 135-140		27
96	Through-flow of water in leaves of a submerged plant is influenced by the apical opening. <i>Planta</i> , 1997 , 202, 43-50	4.7	26
95	Transpiration does not control growth and nutrient supply in the amphibious plant <i>Mentha aquatica</i> . <i>Plant, Cell and Environment</i> , 1997 , 20, 117-123	8.4	29
94	Is Total Primary Production in Shallow Coastal Marine Waters Stimulated by Nitrogen Loading?. <i>Oikos</i> , 1996 , 76, 406	4	102
93	Fine-Scale Patterns of Water Velocity within Macrophyte Patches in Streams. <i>Oikos</i> , 1996 , 76, 169	4	139
92	Scaling Maximum Growth Rates Across Photosynthetic Organisms. <i>Functional Ecology</i> , 1996 , 10, 167	5.6	102
91	Implications of thallus thickness for growth-irradiance relationships of marine macroalgae. <i>European Journal of Phycology</i> , 1996 , 31, 79-87	2.2	28
90	Nutrient constraints on establishment from seed and on vegetative expansion of the Mediterranean seagrass <i>Cymodocea nodosa</i> . <i>Aquatic Botany</i> , 1996 , 54, 279-286	1.8	36
89	Broad-scale comparison of photosynthetic rates across phototrophic organisms. <i>Oecologia</i> , 1996 , 108, 197-206	2.9	76
88	Growth and population dynamics of <i>Posidonia oceanica</i> on the Spanish Mediterranean coast: elucidating seagrass decline. <i>Marine Ecology - Progress Series</i> , 1996 , 137, 203-213	2.6	186
87	Variability of invertebrate herbivory on the submerged macrophyte <i>Potamogeton perfoliatus</i> . <i>Freshwater Biology</i> , 1995 , 34, 357-365	3.1	14

86	Diel Pulses of O ₂ and CO ₂ in Sandy Lake Sediments Inhabited by Lobelia Dortmanna. <i>Ecology</i> , 1995 , 76, 1536-1545	4.6	98
85	Size-dependent nitrogen uptake in micro- and macroalgae. <i>Marine Ecology - Progress Series</i> , 1995 , 118, 247-253	2.6	209
84	Comparative kinetics of photosynthesis in floating and submerged Potamogeton leaves. <i>Aquatic Botany</i> , 1995 , 51, 121-134	1.8	30
83	Comparative functional plant ecology: rationale and potentials. <i>Trends in Ecology and Evolution</i> , 1995 , 10, 418-21	10.9	36
82	Patterns in the photosynthetic metabolism of Mediterranean macrophytes. <i>Marine Ecology - Progress Series</i> , 1995 , 119, 243-252	2.6	40
81	Photosynthesis by symbiotic algae in the freshwater sponge, <i>Spongilla lacustris</i> . <i>Limnology and Oceanography</i> , 1994 , 39, 551-561	4.8	26
80	Light Harvesting Among Photosynthetic Organisms. <i>Functional Ecology</i> , 1994 , 8, 273	5.6	58
79	Growth and energetics of a trichopteran larva feeding on fresh submerged and terrestrial plants. <i>Oecologia</i> , 1994 , 97, 412-418	2.9	26
78	The interactive effects of light and inorganic carbon on aquatic plant growth. <i>Plant, Cell and Environment</i> , 1994 , 17, 955-962	8.4	70
77	Invertebrate herbivory on the submerged macrophyte <i>Potamogeton perfoliatus</i> in a Danish stream. <i>Freshwater Biology</i> , 1994 , 31, 43-52	3.1	28
76	Size dependence of composition, photosynthesis and growth in the colony-forming freshwater ciliate, <i>Ophrydium versatile</i> . <i>Freshwater Biology</i> , 1994 , 31, 121-130	3.1	7
75	Growth plasticity in <i>Cymodocea nodosa</i> stands: the importance of nutrient supply. <i>Aquatic Botany</i> , 1994 , 47, 249-264	1.8	103
74	Demography of Shallow Eelgrass (<i>Zostera Marina</i>) Populations--Shoot Dynamics and Biomass Development. <i>Journal of Ecology</i> , 1994 , 82, 379	6	92
73	Herbivory and Resulting Plant Damage. <i>Oikos</i> , 1994 , 69, 545	4	31
72	Microsensor Analysis of Oxygen in the Rhizosphere of the Aquatic Macrophyte <i>Littorella uniflora</i> (L.) Ascherson. <i>Plant Physiology</i> , 1994 , 105, 847-852	6.6	100
71	Patch dynamics of eelgrass <i>Zostera marina</i> . <i>Marine Ecology - Progress Series</i> , 1994 , 106, 147-156	2.6	118
70	Reconstruction of seagrass dynamics: age determinations and associated tools for the seagrass ecologist. <i>Marine Ecology - Progress Series</i> , 1994 , 107, 195-209	2.6	130
69	Biomass-density patterns in the temperate seagrass <i>Zostera marina</i> . <i>Marine Ecology - Progress Series</i> , 1994 , 109, 283-291	2.6	73

68	Growth and grazing control of abundance of the marine macroalga, <i>Ulva lactuca</i> L. in a eutrophic Danish estuary. <i>Aquatic Botany</i> , 1993 , 46, 101-109	1.8	86
67	Comparison of photosynthetic performance and carboxylation capacity in a range of aquatic macrophytes of different growth forms. <i>Aquatic Botany</i> , 1993 , 44, 373-384	1.8	30
66	Photosynthetic implications of heterophylly in <i>Batrachium peltatum</i> (Schrank) Presl. <i>Aquatic Botany</i> , 1993 , 44, 361-371	1.8	24
65	Water transport in submerged macrophytes. <i>Aquatic Botany</i> , 1993 , 44, 385-406	1.8	49
64	Patterns in decomposition rates among photosynthetic organisms: the importance of detritus C:N:P content. <i>Oecologia</i> , 1993 , 94, 457-471	2.9	652
63	Seasonal acclimatization of eelgrass <i>Zostera marina</i> growth to light. <i>Marine Ecology - Progress Series</i> , 1993 , 94, 91-99	2.6	89
62	Adaptations of Submerged <i>Lobelia dortmanna</i> to Aerial Life Form: Morphology, Carbon Sources and Oxygen Dynamics. <i>Oikos</i> , 1992 , 65, 89	4	42
61	The quantum efficiency of photosynthesis in macroalgae and submerged angiosperms. <i>Oecologia</i> , 1992 , 91, 377-384	2.9	76
60	Patch dynamics of the stream macrophyte, <i>Callitriche cophocarpa</i> . <i>Freshwater Biology</i> , 1992 , 27, 277-282, 1	3.1	55
59	Photosynthetic use of inorganic carbon among primary and secondary water plants in streams. <i>Freshwater Biology</i> , 1992 , 27, 283-293	3.1	103
58	Herbivory of invertebrates on submerged macrophytes from Danish freshwaters. <i>Freshwater Biology</i> , 1992 , 28, 301-308	3.1	44
57	Growth rates and photon yield of growth in natural populations of a marine macroalga <i>Ulva lactuca</i> . <i>Marine Ecology - Progress Series</i> , 1992 , 81, 179-183	2.6	18
56	Light requirements and depth zonation of marine macroalgae. <i>Marine Ecology - Progress Series</i> , 1992 , 88, 83-92	2.6	96
55	A continuous-flow system for measuring in vitro oxygen and nitrogen metabolism in separated stream communities. <i>Freshwater Biology</i> , 1991 , 26, 495-506	3.1	7
54	Phosphorus limitation of <i>Cymodocea nodosa</i> growth. <i>Marine Biology</i> , 1991 , 109, 129-133	2.5	85
53	The carboxylase activity of Rubisco and the photosynthetic performance in aquatic plants. <i>Oecologia</i> , 1991 , 87, 429-434	2.9	38
52	Land plants of amphibious <i>Littorella uniflora</i> (L.) Aschers. maintain utilization of CO from the sediment. <i>Oecologia</i> , 1991 , 88, 258-262	2.9	24
51	Variation in growth rates of submerged rooted macrophytes. <i>Aquatic Botany</i> , 1991 , 39, 109-120	1.8	62

50	Introduction ecology of submersed aquatic macrophytes. <i>Aquatic Botany</i> , 1991 , 41, 1-4	1.8	12
49	Photosynthetic carbon assimilation in aquatic macrophytes. <i>Aquatic Botany</i> , 1991 , 41, 5-40	1.8	205
48	Interactions among phytoplankton, periphyton, and macrophytes in temperate freshwaters and estuaries. <i>Aquatic Botany</i> , 1991 , 41, 137-175	1.8	522
47	Minimum Light Requirements of Submerged Freshwater Macrophytes in Laboratory Growth Experiments. <i>Journal of Ecology</i> , 1991 , 79, 749	6	75
46	HETEROTROPHIC GROWTH OF ULVA LACTUCA (CHLOROPHYCEAE)1. <i>Journal of Phycology</i> , 1990 , 26, 670-673	3	14
45	Epiphyte shading: Its role in resulting depth distribution of submerged aquatic macrophytes. <i>Folia Geobotanica Et Phytotaxonomica</i> , 1990 , 25, 315-320		38
44	Growth rate and carbon affinity of <i>Ulva lactuca</i> under controlled levels of carbon, pH and oxygen. <i>Marine Biology</i> , 1990 , 104, 497-501	2.5	29
43	Effects of O ₂ , pH and DIC on photosynthetic net-O ₂ evolution by marine macroalgae. <i>Marine Biology</i> , 1990 , 106, 445-451	2.5	10
42	Allometric settling of maximal photosynthetic growth rate to surface/volume ratio. <i>Limnology and Oceanography</i> , 1990 , 35, 177-180	4.8	76
41	Plankton community respiration along a nutrient gradient in a shallow Danish estuary. <i>Marine Ecology - Progress Series</i> , 1990 , 61, 75-85	2.6	53
40	Pelagic metabolism in eutrophic coastal waters during a late summer period. <i>Marine Ecology - Progress Series</i> , 1990 , 65, 63-72	2.6	20
39	Seagrass colonization: patch formation and patch growth in <i>Cymodocea nodosa</i> . <i>Marine Ecology - Progress Series</i> , 1990 , 65, 193-200	2.6	112
38	Seagrass colonization: biomass development and shoot demography in <i>Cymodocea nodosa</i> patches. <i>Marine Ecology - Progress Series</i> , 1990 , 67, 97-103	2.6	67
37	Photosynthesis and Canopy Structure of a Submerged Plant, <i>Potamogeton Pectinatus</i> , in a Danish Lowland Stream. <i>Journal of Ecology</i> , 1989 , 77, 947	6	39
36	Regulation of photosynthetic rates of submerged rooted macrophytes. <i>Oecologia</i> , 1989 , 81, 364-368	2.9	62
35	Growth of macrophytes and ecosystem consequences in a lowland Danish stream. <i>Freshwater Biology</i> , 1989 , 22, 15-32	3.1	103
34	Biomass and oxygen dynamics of the epiphyte community in a Danish lowland stream. <i>Freshwater Biology</i> , 1989 , 22, 431-443	3.1	18
33	Environmental variables and their effect on photosynthesis of aquatic plant communities. <i>Aquatic Botany</i> , 1989 , 34, 5-25	1.8	145

32	Patterns of Night-Time Respiration in a Dense Phytoplankton Community Under a Natural Light Regime. <i>Journal of Ecology</i> , 1989 , 77, 49	6	19
31	Invertebrates Graze Submerged Rooted Macrophytes in Lowland Streams. <i>Oikos</i> , 1989 , 55, 420	4	34
30	Biomass Regulation of Microbenthic Algae in Danish Lowland Streams. <i>Oikos</i> , 1988 , 53, 332	4	33
29	Minimum light requirement for growth in <i>Ulva lactuca</i> . <i>Marine Ecology - Progress Series</i> , 1988 , 50, 187-193	2.6	34
28	Photosynthetic responses of <i>Ulva lactuca</i> at very low light. <i>Marine Ecology - Progress Series</i> , 1988 , 50, 195-201	2.6	28
27	Photosynthesis and light adaptation in epiphyte-macrophyte associations measured by oxygen microelectrodes ¹ . <i>Limnology and Oceanography</i> , 1987 , 32, 452-457	4.8	27
26	Photosynthetic Capacity, Bicarbonate Affinity and Growth of <i>Elodea canadensis</i> Exposed to Different Concentrations of Inorganic Carbon. <i>Oikos</i> , 1987 , 50, 176	4	42
25	Survival, metabolism and growth of <i>Ulva lactuca</i> under winter conditions: a laboratory study of bottlenecks in the life cycle. <i>Marine Biology</i> , 1987 , 95, 55-61	2.5	58
24	Diel growth in eelgrass <i>Zostera marina</i> . <i>Marine Ecology - Progress Series</i> , 1987 , 41, 79-86	2.6	17
23	Variable HCO affinity of <i>Elodea canadensis</i> Michaux in response to different HCO and CO concentrations during growth. <i>Oecologia</i> , 1986 , 70, 426-432	2.9	57
22	Microprofiles of oxygen in epiphyte communities on submerged macrophytes. <i>Marine Biology</i> , 1985 , 89, 55-62	2.5	94
21	High rates of production and mortality of submerged <i>Sparganium emersum</i> Rehman during its short growth season in a Eutrophic Danish stream. <i>Aquatic Botany</i> , 1985 , 22, 325-334	1.8	19
20	Differential ability of marine and freshwater macrophytes to utilize HCO ⁻³ and CO ₂ . <i>Marine Biology</i> , 1984 , 80, 247-253	2.5	134
19	Epiphyte shading and its effect on photosynthesis and diel metabolism of <i>Lobelia dortmanna</i> L. during the spring bloom in a danish lake. <i>Aquatic Botany</i> , 1984 , 20, 109-119	1.8	86
18	Photosynthetic Carbon Sources of Stream Macrophytes. <i>Journal of Experimental Botany</i> , 1983 , 34, 198-210	4	119
17	Physical and chemical parameters regulating growth of periphytic communities 1983 , 63-71		23
16	Oxygen Release from Roots of Submerged Aquatic Macrophytes. <i>Oikos</i> , 1982 , 38, 349	4	260
15	OXYGEN EXCHANGE WITH THE LACUNAE AND ACROSS LEAVES AND ROOTS OF THE SUBMERGED VASCULAR MACROPHYTE, <i>LOBELIA DORTMANNIA</i> L.*. <i>New Phytologist</i> , 1982 , 91, 103-120	9.8	79

14	Phytoplankton and Epiphyte Development and Their Shading Effect on Submerged Macrophytes in Lakes of Different Nutrient Status. <i>International Review of Hydrobiology</i> , 1981 , 66, 529-552		173
13	Light Climate and Metabolism of <i>Nitella flexilis</i> (L.) AG. In the Bottom Waters of Oligotrophic Lake Grane Langs, Denmark. <i>International Review of Hydrobiology</i> , 1981 , 66, 685-699		21
12	Discrepancies between the O ₂ and ¹⁴ C Methods for Measuring Phytoplankton Gross Photosynthesis at Low Light Levels. <i>Oikos</i> , 1980 , 35, 359	4	10
11	Physico-chemical environment, phytoplankton biomass and production in oligotrophic, softwater lake kalgaard, Denmark. <i>Hydrobiologia</i> , 1979 , 63, 241-253	2.4	16
10	Distribution and quantitative development of aquatic macrophytes in relation to sediment characteristics in oligotrophic Lake Kalgaard, Denmark. <i>Freshwater Biology</i> , 1979 , 9, 1-11	3.1	114
9	The delay in ¹⁴ C fixation rates by three submerged macrophytes. A source of error in the ¹⁴ C technique. <i>Aquatic Botany</i> , 1979 , 6, 111-119	1.8	16
8	Carbon uptake by leaves and roots of <i>Littorella uniflora</i> (L.) Aschers.. <i>Aquatic Botany</i> , 1979 , 6, 1-12	1.8	122
7	Heavy metals in acid streams from lignite mining areas. <i>Science of the Total Environment</i> , 1979 , 12, 61-74	10.2	6
6	Metabolic adaptation and vertical zonation of <i>Littorella uniflora</i> (L.) Aschers. and <i>Isoetes lacustris</i> L.. <i>Aquatic Botany</i> , 1978 , 4, 1-10	1.8	47
5	Growth and production of isoetids in oligotrophic Lake Kalgaard, Denmark. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 1978 , 20, 659-666		13
4	Effect of epiphytes on eelgrass photosynthesis. <i>Aquatic Botany</i> , 1977 , 3, 55-63	1.8	342
3	Biomass, net production and growth dynamics in an eelgrass (<i>Zostera marina</i> L.) population in Vellerup Vig, Denmark. <i>Ophelia</i> , 1975 , 14, 185-201		223
2	Ecosystem metabolism in a temporary Mediterranean marsh (Doña National Park, SW Spain)		6
1	Oxygen Movement in Seagrasses	255-270	26