

Kaj Ksj Sand-Jensen

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229
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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 | 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 |
| 228 | Interactions among phytoplankton, periphyton, and macrophytes in temperate freshwaters and estuaries. <i>Aquatic Botany</i> , 1991 , 41, 137-175 | 1.8 | 522 |
| 227 | Effect of epiphytes on eelgrass photosynthesis. <i>Aquatic Botany</i> , 1977 , 3, 55-63 | 1.8 | 342 |
| 226 | 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 |
| 225 | CO2 increases oceanic primary production. <i>Nature</i> , 1997 , 388, 526-527 | 50.4 | 265 |
| 224 | Oxygen Release from Roots of Submerged Aquatic Macrophytes. <i>Oikos</i> , 1982 , 38, 349 | 4 | 260 |
| 223 | 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 |
| 222 | Size-dependent nitrogen uptake in micro- and macroalgae. <i>Marine Ecology - Progress Series</i> , 1995 , 118, 247-253 | 2.6 | 209 |
| 221 | Photosynthetic carbon assimilation in aquatic macrophytes. <i>Aquatic Botany</i> , 1991 , 41, 5-40 | 1.8 | 205 |
| 220 | Macrophyte decline in Danish lakes and streams over the past 100 years. <i>Journal of Ecology</i> , 2000 , 88, 1030-1040 | 6 | 193 |
| 219 | 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 |
| 218 | 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 |
| 217 | Alkalinity and trophic state regulate aquatic plant distribution in Danish lakes. <i>Aquatic Botany</i> , 2000 , 67, 85-107 | 1.8 | 167 |
| 216 | Drag and reconfiguration of freshwater macrophytes. <i>Freshwater Biology</i> , 2003 , 48, 271-283 | 3.1 | 150 |
| 215 | Environmental variables and their effect on photosynthesis of aquatic plant communities. <i>Aquatic Botany</i> , 1989 , 34, 5-25 | 1.8 | 145 |
| 214 | The metabolism of aquatic ecosystems: history, applications, and future challenges. <i>Aquatic Sciences</i> , 2012 , 74, 15-29 | 2.5 | 139 |
| 213 | Fine-Scale Patterns of Water Velocity within Macrophyte Patches in Streams. <i>Oikos</i> , 1996 , 76, 169 | 4 | 139 |

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| 212 | Underwater photosynthesis of submerged plants - recent advances and methods. <i>Frontiers in Plant Science</i> , 2013 , 4, 140 | 6.2 | 138 |
| 211 | 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 |
| 210 | 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 |
| 209 | Velocity gradients and turbulence around macrophyte stands in streams. <i>Freshwater Biology</i> , 1999 , 42, 315-328 | 3.1 | 123 |
| 208 | Carbon uptake by leaves and roots of <i>Littorella uniflora</i> (L.) Aschers.. <i>Aquatic Botany</i> , 1979 , 6, 1-12 | 1.8 | 122 |
| 207 | Photosynthetic Carbon Sources of Stream Macrophytes. <i>Journal of Experimental Botany</i> , 1983 , 34, 198-210 | 2.0 | 119 |
| 206 | Patch dynamics of eelgrass <i>Zostera marina</i> . <i>Marine Ecology - Progress Series</i> , 1994 , 106, 147-156 | 2.6 | 118 |
| 205 | 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 |
| 204 | Light attenuation and photosynthesis of aquatic plant communities. <i>Limnology and Oceanography</i> , 1998 , 43, 396-407 | 4.8 | 115 |
| 203 | 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 |
| 202 | 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 |
| 201 | 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 |
| 200 | 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 |
| 199 | Plant communities in lowland Danish streams: species composition and environmental factors. <i>Aquatic Botany</i> , 2000 , 66, 255-272 | 1.8 | 110 |
| 198 | Dispersal of plant fragments in small streams. <i>Freshwater Biology</i> , 2006 , 51, 274-286 | 3.1 | 104 |
| 197 | Growth plasticity in <i>Cymodocea nodosa</i> stands: the importance of nutrient supply. <i>Aquatic Botany</i> , 1994 , 47, 249-264 | 1.8 | 103 |
| 196 | Photosynthetic use of inorganic carbon among primary and secondary water plants in streams. <i>Freshwater Biology</i> , 1992 , 27, 283-293 | 3.1 | 103 |
| 195 | Growth of macrophytes and ecosystem consequences in a lowland Danish stream. <i>Freshwater Biology</i> , 1989 , 22, 15-32 | 3.1 | 103 |

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| 194 | Is Total Primary Production in Shallow Coastal Marine Waters Stimulated by Nitrogen Loading? <i>Oikos</i> , 1996 , 76, 406 | 4 | 102 |
| 193 | Scaling Maximum Growth Rates Across Photosynthetic Organisms. <i>Functional Ecology</i> , 1996 , 10, 167 | 5.6 | 102 |
| 192 | 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 |
| 191 | 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 |
| 190 | 100 years of vegetation decline and recovery in Lake Fure, Denmark. <i>Journal of Ecology</i> , 2008 , 96, 260-271 | | 98 |
| 189 | Diel Pulses of O ₂ and CO ₂ in Sandy Lake Sediments Inhabited by <i>Lobelia Dortmanna</i> . <i>Ecology</i> , 1995 , 76, 1536-1545 | 4.6 | 98 |
| 188 | Light requirements and depth zonation of marine macroalgae. <i>Marine Ecology - Progress Series</i> , 1992 , 88, 83-92 | 2.6 | 96 |
| 187 | Microprofiles of oxygen in epiphyte communities on submerged macrophytes. <i>Marine Biology</i> , 1985 , 89, 55-62 | 2.5 | 94 |
| 186 | Demography of Shallow Eelgrass (<i>Zostera Marina</i>) Populations--Shoot Dynamics and Biomass Development. <i>Journal of Ecology</i> , 1994 , 82, 379 | 6 | 92 |
| 185 | Seasonal acclimatization of eelgrass <i>Zostera marina</i> growth to light. <i>Marine Ecology - Progress Series</i> , 1993 , 94, 91-99 | 2.6 | 89 |
| 184 | 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 |
| 183 | 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 |
| 182 | Phosphorus limitation of <i>Cymodocea nodosa</i> growth. <i>Marine Biology</i> , 1991 , 109, 129-133 | 2.5 | 85 |
| 181 | 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 |
| 180 | Temporal dynamics and regulation of lake metabolism. <i>Limnology and Oceanography</i> , 2007 , 52, 108-120 | 4.8 | 82 |
| 179 | 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 |
| 178 | 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 |
| 177 | Broad-scale comparison of photosynthetic rates across phototrophic organisms. <i>Oecologia</i> , 1996 , 108, 197-206 | 2.9 | 76 |

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| 176 | The quantum efficiency of photosynthesis in macroalgae and submerged angiosperms. <i>Oecologia</i> , 1992 , 91, 377-384 | 2.9 | 76 |
| 175 | Allometric settling of maximal photosynthetic growth rate to surface/volume ratio. <i>Limnology and Oceanography</i> , 1990 , 35, 177-180 | 4.8 | 76 |
| 174 | Lake metabolism scales with lake morphometry and catchment conditions. <i>Aquatic Sciences</i> , 2012 , 74, 155-169 | 2.5 | 75 |
| 173 | Minimum Light Requirements of Submerged Freshwater Macrophytes in Laboratory Growth Experiments. <i>Journal of Ecology</i> , 1991 , 79, 749 | 6 | 75 |
| 172 | Phytoplankton, nutrients, and transparency in Danish coastal waters. <i>Estuaries and Coasts</i> , 2002 , 25, 930-937 | | 74 |
| 171 | Biomass-density patterns in the temperate seagrass <i>Zostera marina</i> . <i>Marine Ecology - Progress Series</i> , 1994 , 109, 283-291 | 2.6 | 73 |
| 170 | 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 |
| 169 | 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 |
| 168 | Bacterial metabolism in small temperate streams under contemporary and future climates. <i>Freshwater Biology</i> , 2007 , 52, 2340-2353 | 3.1 | 63 |
| 167 | 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 |
| 166 | Community photosynthesis of aquatic macrophytes. <i>Limnology and Oceanography</i> , 2006 , 51, 2722-2733 | 4.8 | 62 |
| 165 | Regulation of photosynthetic rates of submerged rooted macrophytes. <i>Oecologia</i> , 1989 , 81, 364-368 | 2.9 | 62 |
| 164 | Variation in growth rates of submerged rooted macrophytes. <i>Aquatic Botany</i> , 1991 , 39, 109-120 | 1.8 | 62 |
| 163 | Light Harvesting Among Photosynthetic Organisms. <i>Functional Ecology</i> , 1994 , 8, 273 | 5.6 | 58 |
| 162 | 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 |
| 161 | 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 |
| 160 | Scaling of photosynthetic production of aquatic macrophytes [a review]. <i>Oikos</i> , 2007 , 116, 280-294 | 4 | 55 |
| 159 | Plant growth and photosynthesis in the transition zone between land and stream. <i>Aquatic Botany</i> , 1999 , 63, 23-35 | 1.8 | 55 |

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| 158 | Patch dynamics of the stream macrophyte, <i>Callitriche cophocarpa</i> . <i>Freshwater Biology</i> , 1992 , 27, 277-282. | 3.1 | 55 |
| 157 | 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 |
| 156 | More is less: net gain in species richness, but biotic homogenization over 140 years. <i>Ecology Letters</i> , 2019 , 22, 1650-1657 | 10 | 53 |
| 155 | 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 |
| 154 | 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 |
| 153 | Long-term changes in macroalgal communities in a Danish estuary. <i>Phycologia</i> , 2000 , 39, 245-257 | 2.7 | 49 |
| 152 | Water transport in submerged macrophytes. <i>Aquatic Botany</i> , 1993 , 44, 385-406 | 1.8 | 49 |
| 151 | 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 |
| 150 | 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 |
| 149 | Streamlining of plant patches in streams. <i>Freshwater Biology</i> , 2008 , 53, 714-726 | 3.1 | 45 |
| 148 | Catchment properties and the photosynthetic trait composition of freshwater plant communities. <i>Science</i> , 2019 , 366, 878-881 | 33.3 | 44 |
| 147 | Herbivory of invertebrates on submerged macrophytes from Danish freshwaters. <i>Freshwater Biology</i> , 1992 , 28, 301-308 | 3.1 | 44 |
| 146 | Photosynthesis of amphibious and obligately submerged plants in CO ₂ -rich lowland streams. <i>Oecologia</i> , 1998 , 117, 31-39 | 2.9 | 43 |
| 145 | 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 |
| 144 | Highly predictable photosynthetic production in natural macroalgal communities from incoming and absorbed light. <i>Oecologia</i> , 2006 , 150, 464-76 | 2.9 | 42 |
| 143 | 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 |
| 142 | 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 |
| 141 | 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 |

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| 140 | Vegetation and flow regime in lowland streams. <i>Freshwater Biology</i> , 2008 , 53, 1531-1543 | 3.1 | 41 |
| 139 | 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 |
| 138 | Patterns in the photosynthetic metabolism of Mediterranean macrophytes. <i>Marine Ecology - Progress Series</i> , 1995 , 119, 243-252 | 2.6 | 40 |
| 137 | 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 |
| 136 | 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 |
| 135 | Scaling of Pelagic Metabolism to Size, Trophy and Forest Cover in Small Danish Lakes. <i>Ecosystems</i> , 2007 , 10, 128-142 | 3.9 | 39 |
| 134 | Photosynthesis and Canopy Structure of a Submerged Plant, Potamogeton Pectinatus, in a Danish Lowland Stream. <i>Journal of Ecology</i> , 1989 , 77, 947 | 6 | 39 |
| 133 | Acclimation of photosynthesis to supersaturated CO ₂ in aquatic plant bicarbonate users. <i>Freshwater Biology</i> , 2016 , 61, 1720-1732 | 3.1 | 39 |
| 132 | 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 |
| 131 | The search for reference conditions for stream vegetation in northern Europe. <i>Freshwater Biology</i> , 2008 , 53, 1890-1901 | 3.1 | 38 |
| 130 | Temperature in lowland Danish streams: contemporary patterns, empirical models and future scenarios. <i>Hydrological Processes</i> , 2007 , 21, 348-358 | 3.3 | 38 |
| 129 | The carboxylase activity of Rubisco and the photosynthetic performance in aquatic plants. <i>Oecologia</i> , 1991 , 87, 429-434 | 2.9 | 38 |
| 128 | Epiphyte shading: Its role in resulting depth distribution of submerged aquatic macrophytes. <i>Folia Geobotanica Et Phytotaxonomica</i> , 1990 , 25, 315-320 | | 38 |
| 127 | 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 |
| 126 | Seventy years of changes in the abundance of Danish charophytes. <i>Freshwater Biology</i> , 2013 , 58, 1682-1693 | 6.9 | 36 |
| 125 | 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 |
| 124 | Comparative functional plant ecology: rationale and potentials. <i>Trends in Ecology and Evolution</i> , 1995 , 10, 418-21 | 10.9 | 36 |
| 123 | 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 |

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| 122 | Fluctuating water levels control water chemistry and metabolism of a charophyte-dominated pond. <i>Freshwater Biology</i> , 2013 , 58, 1353-1365 | 3.1 | 35 |
| 121 | Ecophysiology of gelatinous Nostoc colonies: unprecedented slow growth and survival in resource-poor and harsh environments. <i>Annals of Botany</i> , 2014 , 114, 17-33 | 4.1 | 34 |
| 120 | How to write consistently boring scientific literature. <i>Oikos</i> , 2007 , 116, 723-727 | 4 | 34 |
| 119 | Invertebrates Graze Submerged Rooted Macrophytes in Lowland Streams. <i>Oikos</i> , 1989 , 55, 420 | 4 | 34 |
| 118 | Minimum light requirement for growth in <i>Ulva lactuca</i> . <i>Marine Ecology - Progress Series</i> , 1988 , 50, 187-193.6 | | 34 |
| 117 | Drivers of metabolism and net heterotrophy in contrasting lakes 2010 , 55, 817 | | 34 |
| 116 | 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 |
| 115 | Patterns of macroalgal distribution in the Kattegat-Baltic region. <i>Phycologia</i> , 1997 , 36, 208-219 | 2.7 | 33 |
| 114 | Biomass Regulation of Microbenthic Algae in Danish Lowland Streams. <i>Oikos</i> , 1988 , 53, 332 | 4 | 33 |
| 113 | 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 |
| 112 | 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 |
| 111 | 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 |
| 110 | Herbivory and Resulting Plant Damage. <i>Oikos</i> , 1994 , 69, 545 | 4 | 31 |
| 109 | Drivers of metabolism and net heterotrophy in contrasting lakes. <i>Limnology and Oceanography</i> , 2010 , 55, 817-830 | 4.8 | 30 |
| 108 | Comparative kinetics of photosynthesis in floating and submerged <i>Potamogeton</i> leaves. <i>Aquatic Botany</i> , 1995 , 51, 121-134 | 1.8 | 30 |
| 107 | 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 |
| 106 | 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 |
| 105 | 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 |

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| 104 | Differences in temperature, organic carbon and oxygen consumption among lowland streams. <i>Freshwater Biology</i> , 2005 , 50, 1927-1937 | 3.1 | 29 |
| 103 | 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 |
| 102 | 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 |
| 101 | Implications of thallus thickness for growth-irradiance relationships of marine macroalgae. <i>European Journal of Phycology</i> , 1996 , 31, 79-87 | 2.2 | 28 |
| 100 | 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 |
| 99 | Photosynthetic responses of <i>Ulva lactuca</i> at very low light. <i>Marine Ecology - Progress Series</i> , 1988 , 50, 195-201 | 2.6 | 28 |
| 98 | Growth rates and morphological adaptations of aquatic and terrestrial forms of amphibious <i>Littorella uniflora</i> (L.) Aschers. 1997 , 129, 135-140 | | 27 |
| 97 | Photosynthesis and light adaptation in epiphyte-macrophyte associations measured by oxygen microelectrodes1. <i>Limnology and Oceanography</i> , 1987 , 32, 452-457 | 4.8 | 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 | Photosynthesis by symbiotic algae in the freshwater sponge, <i>Spongilla lacustris</i> . <i>Limnology and Oceanography</i> , 1994 , 39, 551-561 | 4.8 | 26 |
| 94 | Growth and energetics of a trichopteran larva feeding on fresh submerged and terrestrial plants. <i>Oecologia</i> , 1994 , 97, 412-418 | 2.9 | 26 |
| 93 | Oxygen Movement in Seagrasses255-270 | | 26 |
| 92 | 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 |
| 91 | Broad-Scale Comparison of Photosynthesis in Terrestrial and Aquatic Plant Communities. <i>Oikos</i> , 1997 , 80, 203 | 4 | 25 |
| 90 | Importance of structure and density of macroalgae communities (<i>Fucus serratus</i>) for photosynthetic production and light utilisation. <i>Marine Ecology - Progress Series</i> , 2002 , 235, 53-62 | 2.6 | 25 |
| 89 | Photosynthetic implications of heterophylly in <i>Batrachium peltatum</i> (Schrank) Presl. <i>Aquatic Botany</i> , 1993 , 44, 361-371 | 1.8 | 24 |
| 88 | 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 |
| 87 | 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 |

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| 86 | Abundance-range size relationships in stream vegetation in Denmark. <i>Plant Ecology</i> , 2002 , 161, 175-183 | 1.7 | 23 |
| 85 | 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 |
| 84 | Physical and chemical parameters regulating growth of periphytic communities 1983 , 63-71 | | 23 |
| 83 | PATTERNS OF MACROALGAL SPECIES DIVERSITY IN DANISH ESTUARIES. <i>Journal of Phycology</i> , 1998 , 34, 457-466 | 3 | 22 |
| 82 | 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 |
| 81 | Salt tolerance and distribution of estuarine benthic macroalgae in the Kattegat-Baltic Sea area. <i>Phycologia</i> , 2006 , 45, 13-23 | 2.7 | 21 |
| 80 | 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 |
| 79 | Water temperature dynamics and the prevalence of daytime stratification in small temperate shallow lakes. <i>Hydrobiologia</i> , 2019 , 826, 247-262 | 2.4 | 20 |
| 78 | Pelagic metabolism in eutrophic coastal waters during a late summer period. <i>Marine Ecology - Progress Series</i> , 1990 , 65, 63-72 | 2.6 | 20 |
| 77 | 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 |
| 76 | 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 |
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