

Andreas Hussner

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,447
citations

361413

20
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330143

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docs citations

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times ranked

1121
citing authors

#	ARTICLE	IF	CITATIONS
1	Management and control methods of invasive alien freshwater aquatic plants: A review. <i>Aquatic Botany</i> , 2017, 136, 112-137.	1.6	217
2	Alien aquatic plant species in European countries. <i>Weed Research</i> , 2012, 52, 297-306.	1.7	187
3	Growth and photosynthesis of four invasive aquatic plant species in Europe. <i>Weed Research</i> , 2009, 49, 506-515.	1.7	90
4	Management options of invasive <i>Elodea nuttallii</i> and <i>Elodea canadensis</i> . <i>Limnologica</i> , 2015, 51, 110-117.	1.5	77
5	The influence of water level and nutrient availability on growth and root system development of <i>Myriophyllum aquaticum</i> . <i>Weed Research</i> , 2009, 49, 73-80.	1.7	74
6	Alien aquatic plants in a thermally abnormal river and their assembly to neophyte-dominated macrophyte stands (River Erft, Northrhine-Westphalia). <i>Limnologica</i> , 2005, 35, 18-30.	1.5	64
7	Acclimation of photosynthesis to supersaturated CO_2 in aquatic plant bicarbonate users. <i>Freshwater Biology</i> , 2016, 61, 1720-1732.	2.4	54
8	Comments on increasing number and abundance of non-indigenous aquatic macrophyte species in Germany. <i>Weed Research</i> , 2010, 50, 519-526.	1.7	51
9	Interactive effects of nitrate concentrations and carbon dioxide on the stoichiometry, biomass allocation and growth rate of submerged aquatic plants. <i>Freshwater Biology</i> , 2017, 62, 1094-1104.	2.4	46
10	Low light acclimated submerged freshwater plants show a pronounced sensitivity to increasing irradiances. <i>Aquatic Botany</i> , 2010, 93, 17-24.	1.6	43
11	Internal transport of alien and native plants by geese and ducks: an experimental study. <i>Freshwater Biology</i> , 2015, 60, 1316-1329.	2.4	41
12	CO_2 availability rather than light and temperature determines growth and phenotypical responses in submerged <i>Myriophyllum aquaticum</i> . <i>Aquatic Botany</i> , 2013, 110, 31-37.	1.6	40
13	Effects of water nutrients on regeneration capacity of submerged aquatic plant fragments. <i>Annales De Limnologie</i> , 2014, 50, 155-162.	0.6	39
14	<i>Elodea canadensis</i> shows a higher dispersal capacity via fragmentation than <i>Egeria densa</i> and <i>Lagarosiphon major</i> . <i>Aquatic Botany</i> , 2016, 130, 45-49.	1.6	36
15	Response capacity to CO_2 depletion rather than temperature and light effects explain the growth success of three alien Hydrocharitaceae compared with native <i>Myriophyllum triphyllum</i> in New Zealand. <i>Aquatic Botany</i> , 2015, 120, 205-211.	1.6	29
16	European native <i>Myriophyllum spicatum</i> showed a higher HCO_3^- use capacity than alien invasive <i>Myriophyllum heterophyllum</i> . <i>Hydrobiologia</i> , 2015, 746, 171-182.	2.0	28
17	Growth response and root system development of the invasive <i>Ludwigia grandiflora</i> and <i>Ludwigia peploides</i> to nutrient availability and water level. <i>Fundamental and Applied Limnology</i> , 2010, 177, 189-196.	0.7	27
18	Long-term macrophyte mapping documents a continuously shift from native to non-native aquatic plant dominance in the thermally abnormal River Erft (North Rhine-Westphalia, Germany). <i>Limnologica</i> , 2014, 48, 39-45.	1.5	27

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19	From first reports to successful control: a plea for improved management of alien aquatic plant species in Germany. <i>Hydrobiologia</i> , 2014, 737, 321-331.	2.0	25
20	From introduction to nuisance growth: a review of traits of alien aquatic plants which contribute to their invasiveness. <i>Hydrobiologia</i> , 2021, 848, 2119-2151.	2.0	23
21	Alien aquatic plants do not have higher fragmentation rates than native species: a field study from the River Erft. <i>Aquatic Sciences</i> , 2016, 78, 767-777.	1.5	22
22	Comparison of native and neophytic aquatic macrophyte developments in a geothermally warmed river and thermally normal channels. <i>Fundamental and Applied Limnology</i> , 2014, 185, 155-165.	0.7	19
23	Diurnal courses of net photosynthesis and photosystem II quantum efficiency of submerged <i>Lagarosiphon major</i> under natural light conditions. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2011, 206, 904-909.	1.2	17
24	Fragment type and water depth determine the regeneration and colonization success of submerged aquatic macrophytes. <i>Aquatic Sciences</i> , 2019, 81, 1.	1.5	17
25	Vegetative overwintering and viable seed production explain the establishment of invasive <i>Pistia stratiotes</i> in the thermally abnormal Erft River (North Rhine-Westphalia, Germany). <i>Aquatic Botany</i> , 2014, 119, 28-32.	1.6	16
26	Simulated global increases in atmospheric CO ₂ alter the tissue composition, but not the growth of some submerged aquatic plant bicarbonate users growing in DIC rich waters. <i>Aquatic Botany</i> , 2019, 153, 44-50.	1.6	16
27	The influence of water level on the growth and photosynthesis of <i>Hydrocotyle ranunculoides</i> L.fil.. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2009, 204, 755-761.	1.2	14
28	Differences in the growth and physiological response of eight <i>Myriophyllum</i> species to carbon dioxide depletion. <i>Aquatic Botany</i> , 2017, 139, 25-31.	1.6	12
29	Go with the flow: Fragment retention patterns shape the vegetative dispersal of aquatic plants in lowland streams. <i>Freshwater Biology</i> , 2020, 65, 1936-1949.	2.4	12
30	Growth and photosynthesis of <i>Hydrocotyle ranunculoides</i> L. fil. in Central Europe. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2007, 202, 653-660.	1.2	11
31	Chlorophyll fluorometry sheds light on the role of desiccation resistance for vegetative overland dispersal of aquatic plants. <i>Freshwater Biology</i> , 2019, 64, 1401-1415.	2.4	10
32	Ecology and Environmental Impact of <i>Myriophyllum heterophyllum</i> , an Aggressive Invader in European Waterways. <i>Diversity</i> , 2020, 12, 127.	1.7	10
33	Submersion tolerance in a habitat of <i>Stereocaulon paschale</i> (Stereocaulaceae) and <i>Cladonia stellaris</i> (Cladoniaceae) from the high mountain region Rondane, Norway. <i>Nova Hedwigia</i> , 2012, 94, 323-334.	0.4	9
34	Species-specific fragmentation rate and colonization potential partly explain the successful spread of aquatic plants in lowland streams. <i>Hydrobiologia</i> , 2019, 843, 107-123.	2.0	9
35	Sensitive response of sediment-grown <i>Myriophyllum spicatum</i> L. to arsenic pollution under different CO ₂ availability. <i>Hydrobiologia</i> , 2018, 812, 177-191.	2.0	8
36	Falling into pieces: In situ fragmentation rates of submerged aquatic plants and the influence of discharge in lowland streams. <i>Aquatic Botany</i> , 2020, 160, 103164.	1.6	8

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37	Hygraula nitens, the only native aquatic caterpillar in New Zealand, prefers feeding on an alien submerged plant. <i>Hydrobiologia</i> , 2018, 812, 13-25.	2.0	7
38	First records of American <i>Wolffia columbiana</i> in Europe –“ Clandestine replacement of native <i>Wolffia arrhiza</i> ?. <i>BiolInvasions Records</i> , 2014, 3, 213-216.	1.1	5
39	Editorial: Multiple Roles of Alien Plants in Aquatic Ecosystems: From Processes to Modelling. <i>Frontiers in Plant Science</i> , 2020, 11, 1299.	3.6	4
40	Sediment-rooting affects growth and biomass allocation in <i>Myriophyllum spicatum</i> under varying growth conditions. <i>Aquatic Botany</i> , 2021, 170, 103354.	1.6	2
41	Biological Invasions: Case Studies. , 2021, , .		0