Andreas Hussner

List of Publications by Year
in descending order

41 papers	1,447 citations	361413 20 h-index	330143 37 g-index
43 all docs	43 docs citations	43 times ranked	1121 citing authors

#	Article	IF	Citations
1	Biological Invasions: Case Studies. , 2021, , .		0
2	From introduction to nuisance growth: a review of traits of alien aquatic plants which contribute to their invasiveness. Hydrobiologia, 2021, 848, 2119-2151.	2.0	23
3	Sediment-rooting affects growth and biomass allocation in Myriophyllum spicatum under varying growth conditions. Aquatic Botany, 2021, 170, 103354.	1.6	2
4	Falling into pieces: In situ fragmentation rates of submerged aquatic plants and the influence of discharge in lowland streams. Aquatic Botany, 2020, 160, 103164.	1.6	8
5	Editorial: Multiple Roles of Alien Plants in Aquatic Ecosystems: From Processes to Modelling. Frontiers in Plant Science, 2020, 11, 1299.	3.6	4
6	Go with the flow: Fragment retention patterns shape the vegetative dispersal of aquatic plants in lowland streams. Freshwater Biology, 2020, 65, 1936-1949.	2.4	12
7	Ecology and Environmental Impact of Myriophyllum heterophyllum, an Aggressive Invader in European Waterways. Diversity, 2020, 12, 127.	1.7	10
8	Species-specific fragmentation rate and colonization potential partly explain the successful spread of aquatic plants in lowland streams. Hydrobiologia, 2019, 843, 107-123.	2.0	9
9	Chlorophyll fluorometry sheds light on the role of desiccation resistance for vegetative overland dispersal of aquatic plants. Freshwater Biology, 2019, 64, 1401-1415.	2.4	10
10	Fragment type and water depth determine the regeneration and colonization success of submerged aquatic macrophytes. Aquatic Sciences, 2019, 81, 1.	1.5	17
11	Simulated global increases in atmospheric CO2 alter the tissue composition, but not the growth of some submerged aquatic plant bicarbonate users growing in DIC rich waters. Aquatic Botany, 2019, 153, 44-50.	1.6	16
12	Hygraula nitens, the only native aquatic caterpillar in New Zealand, prefers feeding on an alien submerged plant. Hydrobiologia, 2018, 812, 13-25.	2.0	7
13	Sensitive response of sediment-grown Myriophyllum spicatum L. to arsenic pollution under different CO2 availability. Hydrobiologia, 2018, 812, 177-191.	2.0	8
14	Interactive effects of nitrate concentrations and carbon dioxide on the stoichiometry, biomass allocation and growth rate of submerged aquatic plants. Freshwater Biology, 2017, 62, 1094-1104.	2.4	46
15	Differences in the growth and physiological response of eight Myriophyllum species to carbon dioxide depletion. Aquatic Botany, 2017, 139, 25-31.	1.6	12
16	Management and control methods of invasive alien freshwater aquatic plants: A review. Aquatic Botany, 2017, 136, 112-137.	1.6	217
17	Elodea canadensis shows a higher dispersal capacity via fragmentation than Egeria densa and Lagarosiphon major. Aquatic Botany, 2016, 130, 45-49.	1.6	36
18	Acclimation of photosynthesis to supersaturated <scp>CO</scp>₂ in aquatic plant bicarbonate users. Freshwater Biology, 2016, 61, 1720-1732.	2.4	54

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19	Alien aquatic plants do not have higher fragmentation rates than native species: a field study from the River Erft. Aquatic Sciences, 2016, 78, 767-777.	1.5	22
20	Internal transport of alien and native plants by geese and ducks: an experimental study. Freshwater Biology, 2015, 60, 1316-1329.	2.4	41
21	Management options of invasive Elodea nuttallii and Elodea canadensis. Limnologica, 2015, 51, 110-117.	1.5	77
22	European native Myriophyllum spicatum showed a higher $${ext{HCO}}_{3}^{ - }$$ HCO 3 - use capacity than alien invasive Myriophyllum heterophyllum. Hydrobiologia, 2015, 746, 171-182.	2.0	28
23	Response capacity to CO2 depletion rather than temperature and light effects explain the growth success of three alien Hydrocharitaceae compared with native Myriophyllum triphyllum in New Zealand. Aquatic Botany, 2015, 120, 205-211.	1.6	29
24	From first reports to successful control: a plea for improved management of alien aquatic plant species in Germany. Hydrobiologia, 2014, 737, 321-331.	2.0	25
25	Vegetative overwintering and viable seed production explain the establishment of invasive Pistia stratiotes in the thermally abnormal Erft River (North Rhine-Westphalia, Germany). Aquatic Botany, 2014, 119, 28-32.	1.6	16
26	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). Limnologica, 2014, 48, 39-45.	1.5	27
27	Effects of water nutrients on regeneration capacity of submerged aquatic plant fragments. Annales De Limnologie, 2014, 50, 155-162.	0.6	39
28	Comparison of native and neophytic aquatic macrophyte developments in a geothermally warmed river and thermally normal channels. Fundamental and Applied Limnology, 2014, 185, 155-165.	0.7	19
29	First records of American Wolffia columbiana in Europe â€“ Clandestine replacement of native Wolffia arrhiza?. BioInvasions Records, 2014, 3, 213-216.	1.1	5
30	CO2 availability rather than light and temperature determines growth and phenotypical responses in submerged Myriophyllum aquaticum. Aquatic Botany, 2013, 110, 31-37.	1.6	40
31	Submersion tolerance in a habitat of Stereocaulon paschale (Stereocaulaceae) and Cladonia stellaris (Cladoniaceae) from the high mountain region Rondane, Norway. Nova Hedwigia, 2012, 94, 323-334.	0.4	9
32	Alien aquatic plant species in European countries. Weed Research, 2012, 52, 297-306.	1.7	187
33	Diurnal courses of net photosynthesis and photosystem II quantum efficiency of submerged Lagarosiphon major under natural light conditions. Flora: Morphology, Distribution, Functional Ecology of Plants, 2011, 206, 904-909.	1.2	17
34	Comments on increasing number and abundance of non-indigenous aquatic macrophyte species in Germany. Weed Research, 2010, 50, 519-526.	1.7	51
35	Growth response and root system development of the invasive Ludwigia grandifl ora and Ludwigia peploides to nutrient availability and water level. Fundamental and Applied Limnology, 2010, 177, 189-196.	0.7	27
36	Low light acclimated submerged freshwater plants show a pronounced sensitivity to increasing irradiances. Aquatic Botany, 2010, 93, 17-24.	1.6	43

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37	Growth and photosynthesis of four invasive aquatic plant species in Europe. Weed Research, 2009, 49, 506-515.	1.7	90
38	The influence of water level and nutrient availability on growth and root system development of Myriophyllum aquaticum. Weed Research, 2009, 49, 73-80.	1.7	74
39	The influence of water level on the growth and photosynthesis of Hydrocotyle ranunculoides L.fil.. Flora: Morphology, Distribution, Functional Ecology of Plants, 2009, 204, 755-761.	1.2	14
40	Growth and photosynthesis of Hydrocotyle ranunculoides L. fil. in Central Europe. Flora: Morphology, Distribution, Functional Ecology of Plants, 2007, 202, 653-660.	1.2	11
41	Alien aquatic plants in a thermally abnormal river and their assembly to neophyte-dominated macrophyte stands (River Erft, Northrhine-Westphalia). Limnologica, 2005, 35, 18-30.	1.5	64