

# Franziska Eller

## List of Publications by Year in descending order

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41  
papers

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citations

623734

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#	ARTICLE	IF	CITATIONS
1	Cosmopolitan Species As Models for Ecophysiological Responses to Global Change: The Common Reed <i>Phragmites australis</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1833.	3.6	123
2	Increased invasive potential of non-native <i>Phragmites australis</i> : elevated CO <sub>2</sub> and temperature alleviate salinity effects on photosynthesis and growth. <i>Global Change Biology</i> , 2014, 20, 531-543.	9.5	51
3	Global networks for invasion science: benefits, challenges and guidelines. <i>Biological Invasions</i> , 2017, 19, 1081-1096.	2.4	44
4	Different genotypes of <i>Phragmites australis</i> show distinct phenotypic plasticity in response to nutrient availability and temperature. <i>Aquatic Botany</i> , 2012, 103, 89-97.	1.6	42
5	Differences in salinity tolerance of genetically distinct <i>Phragmites australis</i> clones. <i>AoB PLANTS</i> , 2013, 5, .	2.3	38
6	Intraspecific variation in <i>Phragmites australis</i> : Clinal adaption of functional traits and phenotypic plasticity vary with latitude of origin. <i>Journal of Ecology</i> , 2020, 108, 2531-2543.	4.0	38
7	Influence of low calcium availability on cadmium uptake and translocation in a fast-growing shrub and a metal-accumulating herb. <i>AoB PLANTS</i> , 2016, 8, .	2.3	33
8	Nutrient removal potential and biomass production by <i>Phragmites australis</i> and <i>Typha latifolia</i> on European rewetted peat and mineral soils. <i>Science of the Total Environment</i> , 2020, 747, 141102.	8.0	28
9	Assessing nutrient responses and biomass quality for selection of appropriate paludiculture crops. <i>Science of the Total Environment</i> , 2019, 664, 1150-1161.	8.0	20
10	Invasive submerged freshwater macrophytes are more plastic in their response to light intensity than to the availability of free CO <sub>2</sub> in air-equilibrated water. <i>Freshwater Biology</i> , 2015, 60, 929-943.	2.4	19
11	Shea ( <i>Vitellaria paradoxa</i> C. F. Gaertn.) at the crossroads: current knowledge and research gaps. <i>Agroforestry Systems</i> , 2018, 92, 1353-1371.	2.0	19
12	Nitrogen input in different chemical forms and levels stimulates soil organic carbon decomposition in a coastal wetland. <i>Catena</i> , 2020, 194, 104672.	5.0	19
13	Interactive effects of elevated temperature and CO <sub>2</sub> on two phylogeographically distinct clones of common reed ( <i>Phragmites australis</i> ). <i>AoB PLANTS</i> , 2013, 5, .	2.3	18
14	<i>Phragmites australis</i> : How do genotypes of different phylogeographic origins differ from their invasive genotypes in growth, nitrogen allocation and gas exchange?. <i>Biological Invasions</i> , 2016, 18, 2563-2576.	2.4	16
15	Photosynthesis of co-existing <i>Phragmites</i> haplotypes in their non-native range: are characteristics determined by adaptations derived from their native origin?. <i>AoB PLANTS</i> , 2013, 5, .	2.3	14
16	Phylogenetic diversity shapes salt tolerance in <i>Phragmites australis</i> estuarine populations in East China. <i>Scientific Reports</i> , 2020, 10, 17645.	3.3	14
17	Hybrid Napier grass as a candidate species for bio-energy in plant-based water treatment systems: Interactive effects of nitrogen and water depth. <i>Aquatic Botany</i> , 2017, 138, 82-91.	1.6	14
18	Nighttime stomatal conductance differs with nutrient availability in two temperate floodplain tree species. <i>Tree Physiology</i> , 2016, 37, 428-440.	3.1	11

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19	Phenotypic traits of the Mediterranean <i>Phragmites australis</i> M1 lineage: differences between the native and introduced ranges. <i>Biological Invasions</i> , 2016, 18, 2551-2561.	2.4	11
20	Minimum Fe requirement and toxic tissue concentration of Fe in <i>Phragmites australis</i> : A tool for alleviating Fe-deficiency in constructed wetlands. <i>Ecological Engineering</i> , 2018, 118, 152-160.	3.6	11
21	Expression of major photosynthetic and salt resistance genes in invasive reed lineages grown under elevated $\text{CO}_2$ and temperature. <i>Ecology and Evolution</i> , 2014, 4, 4161-4172.	1.9	10
22	Acclimation of coastal wetland vegetation to salinization results in the asymmetric response of soil respiration along an experimental precipitation gradient. <i>Agricultural and Forest Meteorology</i> , 2021, 310, 108626.	4.8	10
23	Inundation depth affects ecosystem $\text{CO}_2$ and $\text{CH}_4$ exchange by changing plant productivity in a freshwater wetland in the Yellow River Estuary. <i>Plant and Soil</i> , 2020, 454, 87-102.	3.7	9
24	Biomethane Yield from Different European <i>Phragmites australis</i> Genotypes, Compared with Other Herbaceous Wetland Species Grown at Different Fertilization Regimes. <i>Resources</i> , 2020, 9, 57.	3.5	9
25	No Fertile Island Effects or Salt Island Effects of <i>Tamarix chinensis</i> on Understory Herbaceous Communities Were Found in the Coastal Area of Laizhou Bay, China. <i>Wetlands</i> , 2020, 40, 2679-2689.	1.5	8
26	Is there evidence of local adaptation of <i>Phragmites australis</i> to water level gradients and fluctuation frequencies?. <i>Science of the Total Environment</i> , 2021, 756, 144065.	8.0	8
27	The river shapes the genetic diversity of common reed in the Yellow River Delta via hydrochory dispersal and habitat selection. <i>Science of the Total Environment</i> , 2021, 764, 144382.	8.0	8
28	Higher phenotypic plasticity does not confer higher salt resistance to <i>Robinia pseudoacacia</i> than <i>Amorpha fruticosa</i> . <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	2.1	7
29	Inherent trait differences explain wheat cultivar responses to climate factor interactions: New insights for more robust crop modelling. <i>Global Change Biology</i> , 2020, 26, 5965-5978.	9.5	7
30	Differences in relative air humidity affect responses to soil salinity in freshwater and salt marsh populations of the dominant grass species <i>Phragmites australis</i> . <i>Hydrobiologia</i> , 2021, 848, 3353-3369.	2.0	7
31	Trait value and phenotypic integration contribute to the response of exotic <i>Rhus typhina</i> to heterogeneous nitrogen deposition: A comparison with native <i>Rhus chinensis</i> . <i>Science of the Total Environment</i> , 2022, 844, 157199.	8.0	7
32	Transcriptome Analysis of Tetraploid and Octoploid Common Reed ( <i>Phragmites australis</i> ). <i>Frontiers in Plant Science</i> , 2021, 12, 653183.	3.6	5
33	Elevated $\text{CO}_2$ does not offset effects of competition and drought on growth of shea ( <i>Vitellaria</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.0	4
34	Hybrid Napier grass ( <i>Pennisetum purpureum</i> Schumacher–P. americanum (L.) Leeke cv. Pakchong1) and Giant reed ( <i>Arundo donax</i> L.) as candidate species in temperate European paludiculture: Growth and gas exchange responses to suboptimal temperatures. <i>Aquatic Botany</i> , 2020, 160, 103165.	1.6	4
35	Suitability of Wild <i>Phragmites australis</i> as Bio-Resource: Tissue Quality and Morphology of Populations from Three Continents. <i>Resources</i> , 2020, 9, 143.	3.5	4
36	Preface: Wetland ecosystems' functions and use in a changing climate. <i>Hydrobiologia</i> , 2021, 848, 3255-3258.	2.0	4

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37	Pollution levels and toxicity risks of heavy metals in different reed wetland soils following channel diversion in the Yellow River Delta. <i>Wetlands</i> , 2022, 42, 1.	1.5	4
38	Shade and salinity responses of two dominant coastal wetland grasses: implications for light competition at the transition zone. <i>Annals of Botany</i> , 2021, 128, 469-480.	2.9	3
39	Probing the Response of the Amphibious Plant <i>Butomus umbellatus</i> to Nutrient Enrichment and Shading by Integrating Eco-Physiological With Metabolomic Analyses. <i>Frontiers in Plant Science</i> , 2020, 11, 581787.	3.6	2
40	Intraspecific differences of Asian/Australian <i>Phragmites australis</i> subgroups reveal no potentially invasive traits. <i>Hydrobiologia</i> , 2021, 848, 3331-3351.	2.0	1
41	Foreseeing reed invasions: European genotypes of common reed ( <i>Phragmites australis</i> ) grow equally well in China as in their native environment and show similar performance as native Chinese genotypes. <i>Aquatic Botany</i> , 2021, 172, 103398.	1.6	1