

Dennis Konnerup

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,024
citations

516215

16
h-index

500791

28
g-index

29
all docs

29
docs citations

29
times ranked

1224
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of domestic wastewater in tropical, subsurface flow constructed wetlands planted with <i>Canna</i> and <i>Heliconia</i> . <i>Ecological Engineering</i> , 2009, 35, 248-257.	1.6	228
2	Kinetics of pollutant removal from domestic wastewater in a tropical horizontal subsurface flow constructed wetland system: Effects of hydraulic loading rate. <i>Ecological Engineering</i> , 2010, 36, 527-535.	1.6	144
3	Nitrogen nutrition of <i>Canna indica</i> : Effects of ammonium versus nitrate on growth, biomass allocation, photosynthesis, nitrate reductase activity and N uptake rates. <i>Aquatic Botany</i> , 2010, 92, 142-148.	0.8	89
4	Treatment of fishpond water by recirculating horizontal and vertical flow constructed wetlands in the tropics. <i>Aquaculture</i> , 2011, 313, 57-64.	1.7	71
5	Linking oxygen availability with membrane potential maintenance and retention of barley roots: implications for waterlogging stress tolerance. <i>Plant, Cell and Environment</i> , 2014, 37, 2325-2338.	2.8	45
6	Spatio-temporal relief from hypoxia and production of reactive oxygen species during bud burst in grapevine (<i>Vitis vinifera</i>). <i>Annals of Botany</i> , 2015, 116, 703-711.	1.4	44
7	Rice acclimation to soil flooding: Low concentrations of organic acids can trigger a barrier to radial oxygen loss in roots. <i>Plant, Cell and Environment</i> , 2019, 42, 2183-2197.	2.8	41
8	Nitrous oxide and methane emissions from the restored mangrove ecosystem of the Ciénaga Grande de Santa Marta, Colombia. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 140, 43-51.	0.9	36
9	Effects of recirculation rates on water quality and <i>Oreochromis niloticus</i> growth in aquaponic systems. <i>Aquacultural Engineering</i> , 2017, 78, 95-104.	1.4	35
10	Do tropical wetland plants possess convective gas flow mechanisms?. <i>New Phytologist</i> , 2011, 190, 379-386.	3.5	34
11	Responses of rice to Fe ²⁺ in aerated and stagnant conditions: growth, root porosity and radial oxygen loss barrier. <i>Functional Plant Biology</i> , 2014, 41, 922.	1.1	34
12	Physiology, gene expression, and metabolome of two wheat cultivars with contrasting submergence tolerance. <i>Plant, Cell and Environment</i> , 2018, 41, 1632-1644.	2.8	32
13	Impact of engineered nanoparticles on microbial transformations of carbon, nitrogen, and phosphorus in wastewater treatment processes – A review. <i>Science of the Total Environment</i> , 2019, 660, 1144-1154.	3.9	24
14	Constructed Wetlands in Latin America and the Caribbean: A Review of Experiences during the Last Decade. <i>Water (Switzerland)</i> , 2020, 12, 1744.	1.2	24
15	Interactive effects of nitrogen form and pH on growth, morphology, N uptake and mineral contents of <i>Coix lacryma-jobi</i> L.. <i>Aquatic Botany</i> , 2013, 111, 144-149.	0.8	19
16	Waterlogging tolerance, tissue nitrogen and oxygen transport in the forage legume <i>Melilotus siculus</i> : a comparison of nodulated and nitrate-fed plants. <i>Annals of Botany</i> , 2018, 121, 699-709.	1.4	19
17	Sensitivity of chickpea and faba bean to root-zone hypoxia, elevated ethylene, and carbon dioxide. <i>Plant, Cell and Environment</i> , 2019, 42, 85-97.	2.8	15
18	Flood tolerance of wheat – the importance of leaf gas films during complete submergence. <i>Functional Plant Biology</i> , 2017, 44, 888.	1.1	14

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19	Leaf gas films contribute to rice (<i>Oryza sativa</i>) submergence tolerance during saline floods. <i>Plant, Cell and Environment</i> , 2018, 41, 885-897.	2.8	13
20	Contrasting oxygen dynamics in <i>Limonium narbonense</i> and <i>Sarcocornia fruticosa</i> during partial and complete submergence. <i>Functional Plant Biology</i> , 2017, 44, 867.	1.1	11
21	Evaluation of root porosity and radial oxygen loss of disomic addition lines of <i>Hordeum marinum</i> in wheat. <i>Functional Plant Biology</i> , 2017, 44, 400.	1.1	9
22	Leaf gas film retention during submergence of 14 cultivars of wheat (<i>Triticum aestivum</i>). <i>Functional Plant Biology</i> , 2017, 44, 877.	1.1	8
23	Gas exchange and growth responses to nutrient enrichment in invasive <i>Glyceria maxima</i> and native New Zealand <i>Carex</i> species. <i>Aquatic Botany</i> , 2012, 103, 37-47.	0.8	7
24	Two <i>Brassica napus</i> cultivars differ in gene expression, but not in their response to submergence. <i>Physiologia Plantarum</i> , 2021, 171, 400-415.	2.6	7
25	Contrasting submergence tolerance in two species of stem-succulent halophytes is not determined by differences in stem internal oxygen dynamics. <i>Annals of Botany</i> , 2015, 115, 409-418.	1.4	6
26	Flood tolerance of <i>Glyceria fluitans</i> : the importance of cuticle hydrophobicity, permeability and leaf gas films for underwater gas exchange. <i>Annals of Botany</i> , 2017, 120, 521-528.	1.4	6
27	Uptake of inorganic phosphorus by the aquatic plant <i>Isoetes australis</i> inhabiting oligotrophic vernal rock pools. <i>Aquatic Botany</i> , 2017, 138, 64-73.	0.8	5
28	Phosphorus Recovery from Wastewater: Bioavailability of P Bound to Calcareous Material for Maize (<i>Zea Mays</i> L.) Growth. <i>Recycling</i> , 2021, 6, 25.	2.3	4