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How plants cope with complete submergence

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#	Paper	IF	Citations
428	Ecophysiological determinants of plant performance under flooding: a comparative study of seven plant families. 2006 , 94, 1117-1129		113
427	Ethylene promotes submergence-induced expression of OsABA8ox1, a gene that encodes ABA 8Hydroxylase in rice. 2007 , 48, 287-98		183
426	Transcript profiling of the anoxic rice coleoptile. 2007 , 144, 218-31		245
425	Submergence tolerance in rice requires Sub1A, an ethylene-response-factor-like gene. 2007 , 12, 43-6		115
424	Submergence-induced leaf acclimation in terrestrial species varying in flooding tolerance. <i>New Phytologist</i> , 2007 , 176, 337-345	9.8	57
423	Growth Control by Ethylene: Adjusting Phenotypes to the Environment. 2007 , 26, 188-200		94
422	Flooding-induced changes in photosynthesis and oxidative status in maize plants. 2007 , 29, 535-541		86
421	Cytosolic ascorbate peroxidase 2 (cAPX 2) is involved in the soybean response to flooding. 2008 , 69, 1295-303		78
420	A model of plant strategies in fluvial hydrosystems. 2008 , 53, 1692-1705		134
419	Underwater photosynthesis and respiration in leaves of submerged wetland plants: gas films improve CO ₂ and O ₂ exchange. <i>New Phytologist</i> , 2008 , 177, 918-926	9.8	138
418	Oxygen dynamics in submerged rice (<i>Oryza sativa</i>). <i>New Phytologist</i> , 2008 , 178, 326-334	9.8	121
417	Flooding tolerance in halophytes. <i>New Phytologist</i> , 2008 , 179, 964-974	9.8	207
416	Different flooding responses in <i>Rorippa amphibia</i> and <i>Rorippa sylvestris</i> , and their modes of expression in F1 hybrids. <i>New Phytologist</i> , 2008 , 180, 229-239	9.8	14
415	Visiting the Methodological Aspects of Flooding Experiments: Quantitative Evidence from Agricultural and Ecophysiological Studies. 2008 , 194, 249-255		17
414	Photosynthesis in aquatic adventitious roots of the halophytic stem-succulent <i>Tecticornia pergranulata</i> (formerly <i>Halosarcia pergranulata</i>). 2008 , 31, 1007-16		28
413	Flash flooding resistance of rice genotypes of <i>Oryza sativa</i> L., <i>O. glaberrima</i> Steud., and Interspecific hybridization progeny. 2008 , 63, 9-18		14
412	Growth and Allocation. 2008 , 321-374		12

411	Flooding-Stress in Plants. 2008,	1
410	Submergence tolerance conferred by Sub1A is mediated by SLR1 and SLRL1 restriction of gibberellin responses in rice. 2008, 105, 16814-9	302
409	Does anoxia tolerance involve altering the energy currency towards PPI?. 2008, 13, 221-7	98
408	Ethylene a key regulator of submergence responses in rice. 2008, 175, 43-51	104
407	Ramet demography and ecological attributes of the perennial river corridor plant <i>Cnidium dubium</i> (Schkuhr) Thell. (Apiaceae). 2008, 203, 396-408	7
406	Flooding tolerance of <i>Paspalum dilatatum</i> (Poaceae: Paniceae) from upland and lowland positions in a natural grassland. 2008, 203, 548-556	20
405	Flooding stress: acclimations and genetic diversity. 2008, 59, 313-39	1075
404	Flooding effects on plants recovering from defoliation in <i>Paspalum dilatatum</i> and <i>Lotus tenuis</i> . 2008, 102, 247-54	25
403	Relationship between Shoot Elongation and Dry Matter Weight During Submergence in <i>Oryza sativa</i> L. and <i>O. glaberrima</i> Steud. Rice Cultivars. 2008, 11, 316-323	7
402	Effects of cell number and cell size on petiole length variation in a stoloniferous herb. 2008, 95, 41-9	21
401	References. 391-500	
400	Morphological and physiological responses of rice seedlings to complete submergence (flash flooding). 2009, 103, 161-9	47
399	Growth Responses of Seedlings in <i>Oryza glaberrima</i> Steud. to Short-term Submergence in Guinea, West Africa. 2008, 42, 157-162	6
398	Evolu ^ç ões da anatomia radicular do milho <i>Paracura</i> em ciclos de sele ^ç ões sucessivos. 2008, 43, 1649-1656	34
397	Chapter 4 Low Oxygen Signaling and Tolerance in Plants. 2009, 50, 139-198	52
396	Ethylene is an endogenous stimulator of cell division in the cambial meristem of <i>Populus</i> . 2009, 106, 5984-9	162
395	Photosynthetic acclimation is important for post-submergence recovery of photosynthesis and growth in two riparian species. 2009, 104, 1435-44	41
394	Variation in flooding-induced morphological traits in natural populations of white clover (<i>Trifolium repens</i>) and their effects on plant performance during soil flooding. 2009, 103, 377-86	37

393	Transcript and metabolite profiling of the adaptive response to mild decreases in oxygen concentration in the roots of arabidopsis plants. 2009 , 103, 269-80	174
392	Distinction and characterisation of submergence tolerant and sensitive rice cultivars, probed by the fluorescence OJIP rise kinetics. 2009 , 36, 222-233	24
391	Cellular basis of growth suppression by submergence in azuki bean epicotyls. 2009 , 103, 325-32	10
390	Escape from water or remain quiescent? Lotus tenuis changes its strategy depending on depth of submergence. 2009 , 104, 1163-9	62
389	Is elongation-induced leaf emergence beneficial for submerged Rumex species?. 2009 , 103, 353-7	69
388	Tolerance of combined submergence and salinity in the halophytic stem-succulent Tecticornia pergranulata. 2009 , 103, 303-12	27
387	Oxygen stress in Salvinia natans: Interactive effects of oxygen availability and nitrogen source. 2009 , 66, 153-159	21
386	Photon-harvesting efficiency and arbuscular mycorrhiza in amphibious plants. 2009 , 47, 61-67	12
385	Biochemical cycling in the rhizosphere having an impact on global change. 2009 , 321, 61-81	162
384	Ecophysiological responses of nine floodplain meadow species to changing hydrological conditions. 2009 , 201, 589-598	16
383	Growth responses of Salix gracilistyla cuttings to a range of substrate moisture and oxygen availability. 2009 , 24, 1057-1065	12
382	Causes and consequences of variation in leaf mass per area (LMA): a meta-analysis. <i>New Phytologist</i> , 2009 , 182, 565-588	9.8 1547
381	Salinity and waterlogging as constraints to saltland pasture production: A review. 2009 , 129, 349-360	102
380	Analysis of plasma membrane proteome in soybean and application to flooding stress response. 2009 , 8, 4487-99	78
379	Proteome analysis of early-stage soybean seedlings under flooding stress. 2009 , 8, 2058-69	92
378	Differential response of antioxidant systems in leaves and roots of barley subjected to anoxia and post-anoxia. 2009 , 166, 926-37	38
377	Submergence-inducible and circadian rhythmic basic helix-loop-helix protein gene in Nicotiana tabacum. 2009 , 166, 1090-100	4
376	Effects of waterlogging on seed germination of three Mediterranean oak species: Ecological implications. 2009 , 35, 422-428	27

375	Flooding tolerance: suites of plant traits in variable environments. 2009 , 36, 665-681	511
374	Reconstructing the ancestral angiosperm flower and its initial specializations. 2009 , 96, 22-66	234
373	Effects of Ethephon on Aerenchyma Formation in Rice Roots. 2009 , 16, 210-216	6
372	Endogenous abscisic acid as a key switch for natural variation in flooding-induced shoot elongation. 2010 , 154, 969-77	42
371	Submergence tolerance in <i>Hordeum marinum</i> : dissolved CO ₂ determines underwater photosynthesis and growth. 2010 , 37, 524	16
370	Identification of flooding stress responsible cascades in root and hypocotyl of soybean using proteome analysis. 2010 , 38, 729-38	61
369	Comparative proteomics analysis of differentially expressed proteins in soybean cell wall during flooding stress. 2010 , 39, 1435-49	124
368	Seed germination and seedling development of <i>Prunus armeniaca</i> under different burial depths in soil. 2010 , 21, 492-496	9
367	The effect of experimental inundation and sediment deposition on the survival and growth of two herbaceous riverbank plant species. 2010 , 209, 57-69	24
366	Targeted metabolomics in an intrusive weed, <i>Rumex obtusifolius</i> L., grown under different environmental conditions reveals alterations of organ related metabolite pathway. 2010 , 6, 497-510	15
365	Plant developmental responses to the environment: eco-devo insights. 2010 , 13, 96-101	63
364	Morpho-anatomical and physiological responses of two <i>Dendranthema</i> species to waterlogging. 2010 , 68, 122-130	41
363	Cell wall proteome of wheat roots under flooding stress using gel-based and LC MS/MS-based proteomics approaches. 2010 , 1804, 124-36	85
362	Unrealized Expectations for Restoration of a Floodplain Plant Community. 2010 , 18, 810-819	26
361	The effects of flooding, plant traits, and predation on purple loosestrife leaf-beetles. 2010 , 135, 85-95	9
360	Studies on sodium bypass flow in lateral rootless mutants <i>lrt1</i> and <i>lrt2</i> , and crown rootless mutant <i>crl1</i> of rice (<i>Oryza sativa</i> L.). 2010 , 33, 687-701	32
359	Hormonal interplay during adventitious root formation in flooded tomato plants. 2010 , 63, 551-62	179
358	Intraspecific variability and trait-based community assembly. 2010 , 98, 1134-1140	383

357	Subtle topographical differences along a floodplain promote different plant strategies among <i>Paspalum dilatatum</i> subspecies and populations. 2010 , 35, 189-196	17
356	Leaf plasticity in successive selection cycles of <i>Baracura</i> maize in response to periodic soil flooding. 2010 , 45, 16-24	28
355	The heat-inducible transcription factor HsfA2 enhances anoxia tolerance in <i>Arabidopsis</i> . 2010 , 152, 1471-83	181
354	A kinetic analysis of hyponastic growth and petiole elongation upon ethylene exposure in <i>Rumex palustris</i> . 2010 , 106, 429-35	8
353	<i>Arabidopsis</i> RAP2.2: an ethylene response transcription factor that is important for hypoxia survival. 2010 , 153, 757-72	230
352	Prolonged root hypoxia effects on enzymes involved in nitrogen assimilation pathway in tomato plants. 2010 , 5, 1583-9	21
351	Proteomics application of crops in the context of climatic changes. 2010 , 43, 1803-1813	60
350	Clonal integration enhances flood tolerance of <i>Spartina alterniflora</i> daughter ramets. 2010 , 92, 9-13	29
349	Effects of simulated submergence on survival and recovery growth of three species in water fluctuation zone of the Three Gorges reservoir. 2010 , 30, 216-220	10
348	BACK MATTER. 2010 , 367-418	
347	Waterlogging Signalling and Tolerance in Plants. 2010 ,	12
346	Aerenchyma formation: programmed cell death in adventitious roots of winter wheat (<i>Triticum aestivum</i>) under waterlogging. 2010 , 37, 748	25
345	On the Relevance and Control of Leaf Angle. 2010 , 29, 300-316	55
344	Different strategies of <i>Lotus japonicus</i> , <i>L. corniculatus</i> and <i>L. tenuis</i> to deal with complete submergence at seedling stage. 2012 , 14, 50-5	24
343	Contrasting growth and adaptive responses of two oak species to flooding stress: role of non-symbiotic haemoglobin. 2011 , 34, 1113-26	24
342	Hydrologic effects on riparian vegetation in a boreal river: an experiment testing climate change predictions. 2011 , 17, 254-267	36
341	Growth-mediated stress escape: convergence of signal transduction pathways activated upon exposure to two different environmental stresses. <i>New Phytologist</i> , 2011 , 189, 122-34	9.8 38
340	Aquatic adventitious roots of the wetland plant <i>Meionectes brownii</i> can photosynthesize: implications for root function during flooding. <i>New Phytologist</i> , 2011 , 190, 311-9	9.8 24

339	Natural variation of submergence tolerance among <i>Arabidopsis thaliana</i> accessions. <i>New Phytologist</i> , 2011 , 190, 299-310	9.8	87
338	Molecular characterization of the submergence response of the <i>Arabidopsis thaliana</i> ecotype Columbia. <i>New Phytologist</i> , 2011 , 190, 457-71	9.8	144
337	Fitness consequences of natural variation in flooding-induced shoot elongation in <i>Rumex palustris</i> . <i>New Phytologist</i> , 2011 , 190, 409-20	9.8	41
336	Plant functional traits capture species richness variations along a flooding gradient. 2011 , 120, 389-398		54
335	Trampling enhances the dominance of graminoids over forbs in flooded grassland mesocosms. 2011 , 14, 95-106		24
334	The role of developmental plasticity in evolutionary innovation. 2011 , 278, 2705-13		353
333	Characterization of a novel flooding stress-responsive alcohol dehydrogenase expressed in soybean roots. 2011 , 77, 309-22		70
332	Dynamics of organic acid occurrence under flooding stress in the rhizosphere of three plant species from the water fluctuation zone of the Three Gorges Reservoir, P.R. China. 2011 , 344, 111-129		10
331	Phenotypic responses of <i>Spartina anglica</i> to duration of tidal immersion. 2011 , 26, 395-402		8
330	Cell Wall Modifying Proteins Mediate Plant Acclimatization to Biotic and Abiotic Stresses. 2011 , 30, 548-562		105
329	A perspective on underwater photosynthesis in submerged terrestrial wetland plants. 2011 , 2011, plr030		60
328	Petiole hyponasty: an ethylene-driven, adaptive response to changes in the environment. 2011 , 2011, plr031		23
327	Recovery dynamics of growth, photosynthesis and carbohydrate accumulation after de-submergence: a comparison between two wetland plants showing escape and quiescence strategies. 2011 , 107, 49-63		67
326	Anatomical adaptations of four <i>Crassula</i> species to water availability. 2011 , 4, 13-22		12
325	Adaptation to flooding during emergence and seedling growth in rice and weeds, and implications for crop establishment. 2012 , 2012, pls019		76
324	Wait or escape? Contrasting submergence tolerance strategies of <i>Rorippa amphibia</i> , <i>Rorippa sylvestris</i> and their hybrid. 2012 , 109, 1263-76		51
323	Reactive oxygen species-driven transcription in <i>Arabidopsis</i> under oxygen deprivation. 2012 , 159, 184-96		90
322	Combined use of leaf size and economics traits allows direct comparison of hydrophyte and terrestrial herbaceous adaptive strategies. 2012 , 109, 1047-53		50

321	Waterproofing crops: effective flooding survival strategies. 2012 , 160, 1698-709		243
320	Measuring the diurnal pattern of leaf hyponasty and growth in Arabidopsis - a novel phenotyping approach using laser scanning. 2012 , 39, 860-869		60
319	Microbial transformations of nitrogen, sulfur, and iron dictate vegetation composition in wetlands: a review. 2012 , 3, 156		76
318	Soil oxidation-reduction in wetlands and its impact on plant functioning. 2012 , 1, 196-221		117
317	Internode elongation pattern and differential response of rice genotypes to varying levels of flood water. 2012 , 39, 137-145		12
316	Ethylene-induced differential petiole growth in Arabidopsis thaliana involves local microtubule reorientation and cell expansion. <i>New Phytologist</i> , 2012 , 193, 339-48	9.8	55
315	Modulation of ethylene- and heat-controlled hyponastic leaf movement in Arabidopsis thaliana by the plant defence hormones jasmonate and salicylate. 2012 , 235, 677-85		14
314	Adaptation and morpho-physiology of three Populus deltoides Marsh. ^ [P. nigra L. clones after preconditioning to prolonged waterlogging. 2012 , 86, 433-442		12
313	Adaptation of submerged macrophytes to both water depth and flood intensity as revealed by their mechanical resistance. 2012 , 696, 77-93		54
312	Ubiquitin/proteasome-mediated proteolysis is involved in the response to flooding stress in soybean roots, independent of oxygen limitation. 2012 , 185-186, 250-8		42
311	Plasticity as a plastic response: how submergence-induced leaf elongation in Rumex palustris depends on light and nutrient availability in its early life stage. <i>New Phytologist</i> , 2012 , 194, 572-582	9.8	39
310	Germination and early growth of Nymphaea odorata at different water depths. 2012 , 98, 12-19		9
309	Analysis of proteomic changes in roots of soybean seedlings during recovery after flooding. 2012 , 75, 878-93		49
308	Ontogeny and characterization of aerenchymatous tissues of Melastomataceae in the flooded and well-drained soils of a Neotropical savanna. 2012 , 207, 212-222		10
307	Quantifying the functional responses of vegetation to drought and oxygen stress in temperate ecosystems. 2012 , 26, 1355-1365		25
306	The Fate of ACC in Higher Plants. 2012 , 83-115		13
305	Anatomical responses to waterlogging in Chrysanthemum zawadskii. 2012 , 146, 86-91		15
304	Identification and expression analysis of hypoxia stress inducible CCCH-type zinc finger protein genes in rice. 2012 , 55, 489-497		8

303	Time is on our side: the importance of considering a recovery period when assessing flooding tolerance in plants. 2012 , 27, 983-987	50
302	Effects of copper on growth, radial oxygen loss and root permeability of seedlings of the mangroves <i>Bruguiera gymnorhiza</i> and <i>Rhizophora stylosa</i> . 2012 , 359, 255-266	30
301	Evaluation of Metabolite Alteration under Flooding Stress in Soybeans. 2012 , 46, 237-248	22
300	References. 546-722	
299	Effect of Flooding Duration and Nitrogen Fertilization on Yield and Protein Content of Three Forage Species. 2012 , 104, 791-798	9
298	Activation of Oxygen: Multipurpose Tool. 2012 , 7-45	1
297	Lysigenous aerenchyma formation involves non-apoptotic programmed cell death in rice (<i>Oryza sativa</i> L.) roots. 2012 , 18, 1-9	36
296	Ethylene promotes induction of aerenchyma formation and ethanolic fermentation in waterlogged roots of <i>Dendranthema</i> spp. 2013 , 40, 4581-90	23
295	Label-free quantitative proteomic analysis of abscisic acid effect in early-stage soybean under flooding. 2013 , 12, 4769-84	98
294	The effects of flooding and injury on vegetative regeneration from roots: a case study with <i>Rorippa palustris</i> . 2013 , 214, 999-1006	4
293	Effects of waterlogging on amyloplasts and programmed cell death in endosperm cells of <i>Triticum aestivum</i> L. 2013 , 250, 1091-103	11
292	Effects of sediment anoxia on growth and root respiratory metabolism of <i>Iris pseudacorus</i> : Implications for vegetation restoration of eutrophic waters in China. 2013 , 53, 194-199	14
291	Influence of growing conditions on metabolite profile of <i>Ammi visnaga</i> umbels with special reference to bioactive furanochromones and pyranocoumarins. 2013 , 95, 197-206	13
290	Root transcript profiling of two <i>Rorippa</i> species reveals gene clusters associated with extreme submergence tolerance. 2013 , 163, 1277-92	52
289	Seasonal timing of inundation affects riparian plant growth and flowering: implications for riparian vegetation composition. 2013 , 214, 87-101	18
288	Oxygen dynamics in a salt-marsh soil and in <i>Suaeda maritima</i> during tidal submergence. 2013 , 92, 73-82	29
287	Early responses of <i>Bassia diffusa</i> (Thunb.) Kuntze to submergence for different salinity treatments. 2013 , 84, 19-29	18
286	Importance of sub-surface rhizosphere-mediated coupled nitrification-denitrification in a flooded agroecosystem in Hawaii. 2013 , 57, 362-373	35

285	Effect of deep flooding on nutrients and non-structural carbohydrates of mature <i>Typha domingensis</i> and its post-flooding recovery. 2013 , 53, 267-274		16
284	Genetic and cultural improvement of soybean for waterlogged conditions in Asia. 2013 , 152, 3-7		29
283	Complete submergence escape with shoot elongation ability by underwater photosynthesis in African rice, <i>Oryza glaberrima</i> Steud.. 2013 , 152, 17-26		15
282	Nitric oxide in plants: an assessment of the current state of knowledge. 2013 , 5, pls052		323
281	SUB1A-mediated submergence tolerance response in rice involves differential regulation of the brassinosteroid pathway. <i>New Phytologist</i> , 2013 , 198, 1060-1070	9.8	69
280	Ethylene--and oxygen signalling--drive plant survival during flooding. 2013 , 15, 426-35		144
279	Floods affect physiological and growth variables of peach trees (<i>Prunus persica</i> (L.) Batsch), as well as the postharvest behavior of fruits. 2013 , 152, 56-60		12
278	Isolation of an alcohol dehydrogenase cDNA from and characterization of its expression in chrysanthemum under waterlogging. 2013 , 212, 48-54		8
277	Mapping of quantitative trait loci controlling seedling vigor in rice (<i>Oryza sativa</i> L.) under submergence. 2013 , 192, 63-75		16
276	Morpho-anatomical and physiological responses to waterlogging of sesame (<i>Sesamum indicum</i> L.). 2013 , 208, 102-11		36
275	NAC transcription factor speedy hyponastic growth regulates flooding-induced leaf movement in <i>Arabidopsis</i> . 2013 , 25, 4941-55		73
274	Sulfide as a soil phytotoxin-a review. <i>Frontiers in Plant Science</i> , 2013 , 4, 268	6.2	178
273	Influence of Water Level on <i>Cynodon dactylon</i> Population in Water-Level-Fluctuating Zone of the Three Gorges Reservoir. 2013 , 295-298, 1857-1861		
272	Effects of Red Mud on Growth of <i>Alternanthera philoxeroides</i> . 2013 , 781-784, 2055-2058		
271	Photoinhibition-like damage to the photosynthetic apparatus in plant leaves induced by submergence treatment in the dark. 2014 , 9, e89067		16
270	Ethylene and hydrogen peroxide are involved in hypoxia signaling that modulates AtERF73/HRE1 expression. 2014 , 9, e28583		10
269	Growth responses and adaptations of the emergent macrophyte <i>Acorus calamus</i> Linn. to different water-level fluctuations. 2014 , 29, 101-116		9
268	Gas film retention and underwater photosynthesis during field submergence of four contrasting rice genotypes. 2014 , 65, 3225-33		49

267	Learning from nature: the use of non-model species to identify novel acclimations to flooding stress. 2014 , 6,		16
266	Quantitative proteomics reveals the effect of protein glycosylation in soybean root under flooding stress. <i>Frontiers in Plant Science</i> , 2014 , 5, 627	6.2	50
265	Leaf gas films delay salt entry and enhance underwater photosynthesis and internal aeration of <i>Melilotus siculus</i> submerged in saline water. 2014 , 37, 2339-49		12
264	Drowned, buried and carried away: effects of plant traits on the distribution of native and alien species in riparian ecosystems. <i>New Phytologist</i> , 2014 , 204, 19-36	9.8	80
263	Environmental water allocations are insufficient to control an invasive wetland plant: evidence from a highly regulated floodplain wetland. <i>Journal of Applied Ecology</i> , 2014 , 51, 1292-1303	5.8	6
262	Partial versus complete submergence: snorkelling aids root aeration in <i>Rumex palustris</i> but not in <i>R. acetosa</i> . 2014 , 37, 2381-90		20
261	Extreme flooding tolerance in <i>Rorippa</i> . 2014 , 9, e27847		8
260	Role of Ethylene and Other Plant Hormones in Orchestrating the Responses to Low Oxygen Conditions. 2014 , 117-132		6
259	Germination of 14 freshwater wetland plants as affected by oxygen and light. 2014 , 114, 29-34		3
258	Membrane transporters mediating root signalling and adaptive responses to oxygen deprivation and soil flooding. 2014 , 37, 2216-33		84
257	What happens to plant mitochondria under low oxygen? An omics review of the responses to low oxygen and reoxygenation. 2014 , 37, 2260-77		58
256	The role of vegetation in methane flux to the atmosphere: should vegetation be included as a distinct category in the global methane budget?. 2014 , 119, 1-24		91
255	Low-Oxygen Stress in Plants. 2014 ,		9
254	Analysis of initial changes in the proteins of soybean root tip under flooding stress using gel-free and gel-based proteomic techniques. 2014 , 106, 1-16		25
253	Physiological Mechanisms of Flooding Tolerance in Rice: Transient Complete Submergence and Prolonged Standing Water. 2014 , 255-307		24
252	Ethylene: Role in Plants Under Environmental Stress. 2014 , 189-222		8
251	Flooding tolerance and horizontal expansion of wetland plants: Facilitation by floating mats?. 2014 , 113, 83-89		14
250	Physiological Mechanisms and Adaptation Strategies in Plants Under Changing Environment. 2014 ,		6

249	Plant growth and mortality under climatic extremes: An overview. 2014 , 98, 13-19		113
248	Progress in Botany. 2014 ,		2
247	A Shoot-Specific Hypoxic Response of Arabidopsis Sheds Light on the Role of the Phosphate-Responsive Transcription Factor PHOSPHATE STARVATION RESPONSE1. 2014 , 165, 774-790		27
246	Deep transcriptome sequencing of wild halophyte rice, <i>Porteresia coarctata</i> , provides novel insights into the salinity and submergence tolerance factors. 2014 , 21, 69-84		93
245	Response of an invasive native wetland plant to environmental flows: implications for managing regulated floodplain ecosystems. 2014 , 132, 268-77		11
244	Saline tidal flooding effects on <i>Spartina densiflora</i> plants from different positions of the salt marsh. Diversities and similarities on growth, anatomical and physiological responses. 2014 , 102, 27-36		13
243	Morphological changes and resource allocation of <i>Zizania latifolia</i> (Griseb.) Stapf in response to different submergence depth and duration. 2014 , 209, 279-284		30
242	The joint evolution of traits and habitat: ontogenetic shifts in leaf morphology and wetland specialization in <i>Lasthenia</i> . <i>New Phytologist</i> , 2015 , 208, 949-59	9.8	10
241	Floods reduce the prevalence of exotic plant species within the riparian zone: evidence from natural floods. 2015 , 18, 503-512		11
240	Abiotic Stresses: Insight into Gene Regulation and Protein Expression in Photosynthetic Pathways of Plants. 2015 , 16, 20392-416		86
239	Anatomical and morphological modifications in response to flooding by six Cerrado tree species. 2015 , 29, 478-488		11
238	Pb-induced avoidance-like chloroplast movements in fronds of <i>Lemna trisulca</i> L. 2015 , 10, e0116757		16
237	Root plasticity of <i>Populus euphratica</i> seedlings in response to different water table depths and contrasting sediment types. 2015 , 10, e0118691		12
236	Short-term complete submergence of rice at the tillering stage increases yield. 2015 , 10, e0127982		7
235	Growth and Physiological Responses to Water Depths in <i>Carex schmidtii</i> Meinsh. 2015 , 10, e0128176		9
234	Recurrent Water Level Fluctuation Alleviates the Effects of Submergence Stress on the Invasive Riparian Plant <i>Alternanthera philoxeroides</i> . 2015 , 10, e0129549		4
233	Development of schizogenous intercellular spaces in plants. <i>Frontiers in Plant Science</i> , 2015 , 6, 497	6.2	10
232	Ethylene Biosynthesis Is Promoted by Very-Long-Chain Fatty Acids during Lysigenous Aerenchyma Formation in Rice Roots. 2015 , 169, 180-93		32

231	The Ecological Amplitude of <i>Acorus calamus</i> Young Shoots Under Water Level Gradient. 2015 , 63, 585-592	2
230	Plant Breeding for Flood Tolerance: Advances and Limitations. 2015 , 43-72	1
229	Comparison of transcriptomes undergoing waterlogging at the seedling stage between tolerant and sensitive varieties of <i>Brassica napus</i> L.. 2015 , 14, 1723-1734	18
228	Contrasting submergence tolerance in two species of stem-succulent halophytes is not determined by differences in stem internal oxygen dynamics. 2015 , 115, 409-18	6
227	Genome-wide survey of the seagrass <i>Zostera muelleri</i> suggests modification of the ethylene signalling network. 2015 , 66, 1489-98	31
226	The effects of complete submergence on the morphological and biomass allocation response of the invasive plant <i>Alternanthera philoxeroides</i> . 2015 , 746, 159-169	20
225	Greater resistance to flooding of seedlings of <i>Ulmus laevis</i> than <i>Ulmus minor</i> is related to the maintenance of a more positive carbon balance. 2015 , 29, 835-848	21
224	Morphological, physiological, and biochemical responses of <i>Populus euphratica</i> to soil flooding. 2015 , 53, 110-117	35
223	Impact of water depth and sediment type on root morphology of the submerged plant <i>Vallisneria spiralis</i> . 2015 , 30, 75-84	18
222	Proteomic Techniques and Management of Flooding Tolerance in Soybean. 2015 , 14, 3768-78	27
221	Life cycle stage and water depth affect flooding-induced adventitious root formation in the terrestrial species <i>Solanum dulcamara</i> . 2015 , 116, 279-90	25
220	Combined application of silica and nitrogen alleviates the damage of flooding stress in rice. 2015 , 66, 679	6
219	High water level impedes the adaptation of <i>Polygonum hydropiper</i> to deep burial: responses of biomass allocation and root morphology. 2014 , 4, 5612	18
218	Antioxidant responses to waterlogging stress and subsequent recovery in two Kentucky bluegrass (<i>Poa pratensis</i> L.) cultivars. 2015 , 37, 1	15
217	Effect of nutrient application and water turbidity on submergence tolerance of rice (<i>Oryza sativa</i>). 2015 , 166, 90-104	5
216	Changes in proline accumulation, amino acid, sugar and chlorophyll content in leaf and culm of Phourel-amubi, a rice cultivar of Manipur in response to flash flood. 2015 , 20, 10-13	7
215	Impacts of controlled irrigation and drainage on the yield and physiological attributes of rice. 2015 , 149, 156-165	31
214	Environmental variation as a key process of co-existence in flood-meadows. 2015 , 26, 480-491	12

213	Carbohydrate reserve and aerenchyma formation enhance submergence tolerance in rice. 2016 , 27, 256-264	0
212	. 2016 ,	10
211	Expression profile of rice Hsp genes under anoxic stress. 2016 , 15,	5
210	Adaptation of terrestrial weeds to water stress: Waterlogging and temporary hypoxia. 2016 , 391-395	
209	The Relative Importance of Genetic Diversity and Phenotypic Plasticity in Determining Invasion Success of a Clonal Weed in the USA and China. <i>Frontiers in Plant Science</i> , 2016 , 7, 213	6.2 50
208	Identification and Comparative Analysis of Differential Gene Expression in Soybean Leaf Tissue under Drought and Flooding Stress Revealed by RNA-Seq. <i>Frontiers in Plant Science</i> , 2016 , 7, 1044	6.2 78
207	Allocation patterns contribute to the distributional limits of a flood tolerant ecotype of <i>Chamaecrista fasciculata</i> . 2016 , 134, 31-38	
206	Leaf gas films, underwater photosynthesis and plant species distributions in a flood gradient. 2016 , 39, 1537-48	24
205	Role of rice cytosolic hexokinase OsHXK7 in sugar signaling and metabolism. 2016 , 58, 127-35	23
204	Habitat restoration alters adult butterfly morphology and potential fecundity through effects on host plant quality. 2016 , 7, e01522	6
203	Plant trait composition as an indicator for the ecological memory of rehabilitated floodplains. 2016 , 17, 479-488	3
202	Oxygen absorption by adventitious roots promotes the survival of completely submerged terrestrial plants. 2016 , 118, 675-683	44
201	Flooding stress and O ₂ -shortage in plants. 2016 , 711-731	2
200	Phytoglobin expression influences soil flooding response of corn plants. 2016 , 118, 919-931	16
199	Brassinosteroid signaling modulates submergence-induced hyponastic growth in <i>Arabidopsis thaliana</i> . 2016 , 59, 397-404	4
198	Proteomics of Flooding-Stressed Plants. 2016 , 71-95	
197	Rice putative methyltransferase gene OsTSD2 is required for root development involving pectin modification. 2016 , 67, 5349-5362	10
196	Contribution of seedling vigour and anoxia/hypoxia-responsive genes to submergence tolerance in Vietnamese lowland rice (<i>Oryza sativa</i> L.). 2016 , 30, 842-852	2

195	Soybean Production Under Flooding Stress and Its Mitigation Using Plant Growth-Promoting Microbes. 2016 , 23-40	9
194	Peptides interfering with protein-protein interactions in the ethylene signaling pathway delay tomato fruit ripening. 2016 , 6, 30634	21
193	Insights into the Response of Soybean Mitochondrial Proteins to Various Sizes of Aluminum Oxide Nanoparticles under Flooding Stress. 2016 , 15, 4464-4475	39
192	Response differences of <i>Eichhornia crassipes</i> to shallow submergence and drawdown with an experimental warming in winter. 2016 , 50, 307-314	7
191	Plant responses to flooding stress. 2016 , 33, 64-71	159
190	Flooding tolerance of forage legumes. 2017 , 68, 1851-1872	44
189	Mechanisms of metal toxicity in plants. 2016 , 8, 269-85	155
188	Moisture and soil parameters drive plant community assembly in Mediterranean temporary pools. 2016 , 781, 55-66	9
187	Effects of submergence and eutrophication on the morphological traits and biomass allocation of the invasive plant <i>Alternanthera philoxeroides</i> . 2016 , 31, 341-349	11
186	Does hydrological fluctuation alter impacts of species richness on biomass in wetland plant communities?. 2016 , 9, 434-441	21
185	Reactive oxygen species regulate programmed cell death progress of endosperm in winter wheat (<i>Triticum aestivum</i> L.) under waterlogging. 2016 , 253, 311-27	26
184	Comprehensive analysis of response and tolerant mechanisms in early-stage soybean at initial-flooding stress. 2017 , 169, 225-232	22
183	Variation in species-level plant functional traits over wetland indicator status categories. 2017 , 7, 3732-3744	16
182	Mycorrhiza - Function, Diversity, State of the Art. 2017 ,	15
181	Morphological and enzymatic responses to waterlogging in three <i>Prunus</i> species. 2017 , 221, 62-67	19
180	Short-term responses to flooding stress of three <i>Prunus</i> rootstocks. 2017 , 224, 135-141	7
179	Benefits of flooding-induced aquatic adventitious roots depend on the duration of submergence: linking plant performance to root functioning. 2017 , 120, 171-180	33
178	Impact of Seedling Age and Nitrogen Application on Submergence Tolerance of Sub1 and Non-Sub1 Cultivars of Rice (<i>Oryza sativa</i> L.). 2017 , 36, 629-642	10

177	Environmental factors constraining adventitious root formation during flooding of <i>Solanum dulcamara</i> . 2017 , 44, 858-866		7
176	Interactions between ethylene, gibberellin and abscisic acid in regulating submergence induced petiole elongation in <i>Nelumbo nucifera</i> . 2017 , 137, 9-15		13
175	Assessment of alcohol dehydrogenase synthesis and aerenchyma formation in the tolerance of <i>Sium L.</i> species (Apiaceae) to water-logging. 2017 , 142, 71-77		5
174	Effects of waterlogging levels on <i>Holcus lanatus</i> response traits in different created topsoils. 2017 , 234, 106-118		1
173	Inter- and intraspecific variability in physiological traits and post-anoxia recovery of photosynthetic efficiency in grasses under oxygen deprivation. 2017 , 161, 385-399		13
172	Physiological and morphological responses to permanent and intermittent waterlogging in seedlings of four evergreen trees of temperate swamp forests. <i>Tree Physiology</i> , 2017 , 37, 779-789	4.2	10
171	Changes in Community-Level Riparian Plant Traits over Inundation Gradients, Colorado River, Grand Canyon. 2017 , 37, 635-646		13
170	Acclimation of <i>Salix triandroides</i> cuttings to incomplete submergence is reduced by low light. 2017 , 51, 321-330		5
169	Dynamic and rapid changes in the transcriptome and epigenome during germination and in developing rice (<i>Oryza sativa</i>) coleoptiles under anoxia and re-oxygenation. 2017 , 89, 805-824		43
168	Shifts and linkages of functional diversity between above- and below-ground compartments along a flooding gradient. 2017 , 31, 350-360		13
167	Role of ethylene and the APETALA 2/ethylene response factor superfamily in rice under various abiotic and biotic stress conditions. 2017 , 134, 33-44		58
166	Comparative Physiological, Biochemical, and Genetic Responses to Prolonged Waterlogging Stress in Okra and Maize Given Exogenous Ethylene Priming. 2017 , 8, 632		40
165	Functional Balancing of the Hypoxia Regulators RAP2.12 and HRA1 Takes Place in Plants. <i>Frontiers in Plant Science</i> , 2017 , 8, 591	6.2	13
164	Growth and Physiological Adaptation of <i>Salix matsudana</i> Koidz. to Periodic Submergence in the Hydro-Fluctuation Zone of the Three Gorges Dam Reservoir of China. 2017 , 8, 283		6
163	Hypoxia in grape berries: the role of seed respiration and lenticels on the berry pedicel and the possible link to cell death. 2018 , 69, 2071-2083		23
162	Time-Course Transcriptomics Analysis Reveals Key Responses of Submerged Deepwater Rice to Flooding. 2018 , 176, 3081-3102		30
161	Aquatic and terrestrial morphotypes of the aquatic invasive plant, , show distinct morphological and metabolomic responses. 2018 , 8, 2568-2579		8
160	Constraints on the evolution of phenotypic plasticity in the clonal plant <i>Hydrocotyle vulgaris</i> . 2018 , 31, 1006-1017		9

159	Phosphoproteomics unveils stable energy supply as key to flooding tolerance in <i>Kandelia candel</i> . 2018 , 176, 1-12		12
158	The abundance and distribution of guilds of riparian woody plants change in response to land use and flow regulation. <i>Journal of Applied Ecology</i> , 2018 , 55, 2227-2240	5.8	22
157	Soil salinity and matric potential interaction on water use, water use efficiency and yield response factor of bean and wheat. 2018 , 8, 2679		24
156	Responses in shoot elongation, carbohydrate utilization and growth recovery of an invasive species to submergence at different water temperatures. 2018 , 8, 306		5
155	The major-effect quantitative trait locus CsARN6.1 encodes an AAA ATPase domain-containing protein that is associated with waterlogging stress tolerance by promoting adventitious root formation. 2018 , 93, 917-930		42
154	The ability to regulate voltage-gated K ⁺ -permeable channels in the mature root epidermis is essential for waterlogging tolerance in barley. 2018 , 69, 667-680		21
153	Hydrogen peroxide promotes the tolerance of soybeans to waterlogging. 2018 , 232, 40-45		28
152	Structural and functional responses of plant communities to climate change-mediated alterations in the hydrology of riparian areas in temperate Europe. 2018 , 8, 4120-4135		8
151	A disturbed auxin signaling affects adventitious root outgrowth in <i>Solanum dulcamara</i> under complete submergence. 2018 , 224-225, 11-18		14
150	Leaf gas films contribute to rice (<i>Oryza sativa</i>) submergence tolerance during saline floods. 2018 , 41, 885-897		7
149	Riparian plant guilds become simpler and most likely fewer following flow regulation. <i>Journal of Applied Ecology</i> , 2018 , 55, 365-376	5.8	30
148	Proteomic approaches to uncover the flooding and drought stress response mechanisms in soybean. 2018 , 172, 201-215		29
147	Overexpression of mango alcohol dehydrogenase (MiADH1) mimics hypoxia in transgenic tomato and alters fruit flavor components. 2018 , 7, 23-33		5
146	The Fate of ACC in Higher Plants. 2018 , 83-115		1
145	Modelling the growth of floodplain grasslands to explore the impact of changing hydrological conditions on vegetation productivity. 2018 , 387, 220-237		4
144	Gene Expression Profiling Provides Insight into the Escape Behavior of Deepwater Rice During Submergence. 2018 , 61, 374-382		1
143	Effect of Nitrogen and Silicon on Rice Submerged at Tillering Stage. 2018 , 110, 183-192		8
142	The role of wetland microorganisms in plant-litter decomposition and soil organic matter formation: a critical review. 2018 , 94,		35

141	Tolerance and resistance facilitate the invasion success of <i>Alternanthera philoxeroides</i> in disturbed habitats: A reconsideration of the disturbance hypothesis in the light of phenotypic variation. 2018 , 153, 135-142		14
140	Hydrological Conditions Affect the Interspecific Interaction between Two Emergent Wetland Species. <i>Frontiers in Plant Science</i> , 2017 , 8, 2253	6.2	12
139	Subcellular Proteomics: Application to Elucidation of Flooding-Response Mechanisms in Soybean. 2018 , 6,		6
138	Effects of Exogenous Application of Protocatechuic Acid and Vanillic Acid to Chlorophylls, Phenolics and Antioxidant Enzymes of Rice (<i>Oryza sativa</i> L.) in Submergence. 2018 , 23,		25
137	Separating effects of clonal integration on plant growth during submergence and de-submergence. 2018 , 246-247, 118-125		6
136	Gibberellin application ameliorates the adverse impact of short-term flooding on L. 2018 , 475, 2893-2905		16
135	Physiological Adaptations to Wetland Habitats. 2018 , 383-394		
134	Survival of completely submerged <i>Salix triandroides</i> cuttings is associated with non-structural carbohydrate metabolism. 2019 , 34, 395-404		1
133	, an ethylene-responsive element binding factor, plays an essential role in waterlogging tolerance of petunia. 2019 , 6, 83		17
132	Niche differentiation of tallgrass prairie plants species along soil hydrological gradients. 2019 , 97, 487-494		0
131	Strong effect of recovery period between hypoxia events on roots of chickpea (<i>Cicer arietinum</i> L). 2019 , 11, 100163		1
130	Growth responses of eight wetland species to water level fluctuation with different ranges and frequencies. 2019 , 14, e0220231		10
129	Diel O ₂ Dynamics in Partially and Completely Submerged Deepwater Rice: Leaf Gas Films Enhance Internodal O ₂ Status, Influence Gene Expression and Accelerate Stem Elongation for SnorkellingP during Submergence. 2019 , 60, 973-985		10
128	Responses of two macrophytes of the genus <i>Polygonum</i> to water level fluctuations and interspecific competition. 2019 , 157, 10-16		6
127	Land Plants. 2019 , 347-397		1
126	Differential Strategies to Tolerate Flooding in Plants Originating From Low- and High-Elevation Habitats. <i>Frontiers in Plant Science</i> , 2018 , 9, 1970	6.2	10
125	Submergence Stress in Rice: Physiological Disorders, Tolerance Mechanisms, and Management. 2019 , 173-189		1
124	Water Saturation Stress in <i>Mimosa scabrella</i> Seedlings. 2019 , 26,		

123	Intact mangrove root electrodes for desalination.. 2019 , 9, 4735-4743	3
122	Transcriptome Analysis for Abiotic Stresses in Rice (<i>Oryza sativa</i> L.). 2019 ,	4
121	Elevated carbon dioxide plus chronic warming causes dramatic increases in leaf angle in tomato, which correlates with reduced plant growth. 2019 , 42, 1247-1256	4
120	Responses of nitre goosefoot (<i>Chenopodium nitrariaceum</i>) to simulated rainfall and depth and duration of experimental flooding. 2019 , 70, 493	3
119	Alternative transient states and slow plant community responses after changed flooding regimes. 2019 , 25, 1358	11
118	Comparative morphological and transcriptomic responses of lowland and upland rice to root-zone hypoxia. 2020 , 169, 103916	9
117	Effects of soil fertility and flooding regime on the growth of <i>Ambrosia trifida</i> . 2020 , 16, 39-46	4
116	Glutamate dehydrogenase mediated amino acid metabolism after ammonium uptake enhances rice growth under aeration condition. 2020 , 39, 363-379	6
115	Effects of grafting on root growth, anaerobic respiration enzyme activity and aerenchyma of bitter melon under waterlogging stress. 2020 , 261, 108977	7
114	The Anaerobic Product Ethanol Promotes Autophagy-Dependent Submergence Tolerance in. 2020 , 21,	2
113	Drivers of plant traits that allow survival in wetlands. 2020 , 34, 956-967	13
112	The significance and functions of ethylene in flooding stress tolerance in plants. 2020 , 179, 104188	30
111	Inundation depth affects ecosystem CO ₂ and CH ₄ exchange by changing plant productivity in a freshwater wetland in the Yellow River Estuary. 2020 , 454, 87-102	2
110	Submergence deactivates wound-induced plant defence against herbivores. 2020 , 3, 651	1
109	Carbohydrate saving or biomass maintenance: which is the main determinant of the plant's long-term submergence tolerance?. 2021 , 149, 155-170	0
108	Desiccation Mitigates Heat Stress in the Resurrection Fern,. <i>Frontiers in Plant Science</i> , 2020 , 11, 597731 6.2	3
107	Comparative transcriptome profiling of two sweetpotato cultivars with contrasting flooding stress tolerance levels. 2020 , 14, 743-756	2
106	Flooding and salinity reduces AC saltlander green wheatgrass and smooth bromegrass productivity. 2020 , 112, 1101-1110	

105	Unnatural flooding alters the functional diversity of riparian vegetation of the Three Gorges Reservoir. 2020 , 65, 1585-1595	7
104	Post-Anoxia in Plants: Reasons, Consequences, and Possible Mechanisms. 2020 , 67, 45-59	5
103	Gas exchange characteristics and their influencing factors for halophytic plant communities on west coast of Bohai Sea. 2020 , 15, e0229047	2
102	Anatomic Atlas of Aquatic and Wetland Plant Stems. 2020 ,	8
101	Eco-Physiological Traits Related to Recovery from Complete Submergence in the Model Legume. 2020 , 9,	3
100	Effects of resource heterogeneity and environmental disturbance on the growth performance and interspecific competition of wetland clonal plants. 2020 , 22, e00914	2
99	Root biomass and root traits of <i>Alnus glutinosa</i> show size-dependent and opposite patterns in a drained and a rewetted forest peatland. 2021 , 127, 337-346	3
98	Elevation-dependent selection for plasticity in leaf and root traits of <i>Polygonum hydropiper</i> in response to flooding. 2021 , 182, 104331	2
97	Wetter is Better: Rewetting of Minerotrophic Peatlands Increases Plant Production and Moves Them Towards Carbon Sinks in a Dry Year. 2021 , 24, 1093-1109	6
96	Dissecting the morpho-physiological and biochemical responses in some traditional rice cultivars under submergence stress. 2021 , 34, 191-204	3
95	Variability among <i>Festuca arundinacea</i> cultivars for tolerance to and recovery from waterlogging, salinity and their combination. 2021 , 72, 75	1
94	Effects of repetitive submergence on the accumulation and release of nutrient elements in <i>Pinus elliottii</i> seedlings. 2021 , 28, 27420-27431	
93	Nanoparticles for improving and augmenting plant functions. 2021 , 171-227	3
92	Mechanisms of Waterlogging Tolerance in Plants: Research Progress and Prospects. <i>Frontiers in Plant Science</i> , 2020 , 11, 627331	6.2 38
91	Responses of Swamp Cypress (<i>Taxodium distichum</i>) and Chinese Willow (<i>Salix matsudana</i>) Roots to Periodic Submergence in Mega-Reservoir: Changes in Organic Acid Concentration. 2021 , 12, 203	8
90	Tolerance to excess moisture in soybean is enhanced by over-expression of the Glycine max Phytoalbumin (GmPab1). 2021 , 159, 322-334	4
89	Germination and seedlings response of bermudagrasses under water submersion. 2021 , 86, 14-20	
88	Responses and Tolerance Mechanisms of Mangrove Trees to the Ambient Salinity along the Egyptian Red Sea Coast. 2021 , 21, 3-13	2

87	Bioconcentration and translocation of elements regulate plant responses to water-salt conditions in saline-alkaline wetlands. 2021 , 183, 104360		3
86	Diversity of plant assemblages dampens the variability of the growing season phenology in wetland landscapes. 2021 , 21, 91		0
85	Community Trait Responses of Three Dominant Macrophytes to Variations in Flooding During 2011-2019 in a Yangtze River-Connected Floodplain Wetland (Dongting Lake, China). <i>Frontiers in Plant Science</i> , 2021 , 12, 604677	6.2	1
84	The effects of water control on the survival and growth of <i>Alternanthera philoxeroides</i> in the vegetative reproduction and seedling stages. 2021 , 11, 13556		1
83	Physiological and transcriptional responses of <i>Phalaris arundinacea</i> under waterlogging conditions. 2021 , 261, 153428		3
82	Leaf morphology and chlorophyll fluorescence characteristics of mulberry seedlings under waterlogging stress. 2021 , 11, 13379		3
81	Gibberellins, brassinolide, and ethylene signaling were involved in flower differentiation and development in <i>Nelumbo nucifera</i> . 2021 ,		2
80	The anatomy of two species of emergent macrophytes of the genus <i>Polygonum</i> differentially changes in response to water-level fluctuations. e2341		0
79	Effects of Abiotic Stress on Soil Microbiome. 2021 , 22,		19
78	Nanotechnology as Effective Tool for Improved Crop Production under Changing Climatic Conditions. 2021 , 463-512		2
77	Metabolomic Approaches for Improving Crops Under Adverse Conditions. 755-784		2
76	Physical Properties of Forest Soils. 2013 , 19-44		12
75	What Have We Learnt from Studying Mycorrhizal Colonisation of Wetland Plant Species?. 2017 , 291-304		2
74	Genetic Variability and Determinism of Adaptation of Plants to Soil Waterlogging. 2010 , 241-265		6
73	Oxygen Deficiency. 2019 , 143-164		2
72	Selective mRNA Translation Tailors Low Oxygen Energetics. 2014 , 95-115		5
71	Insights into Algal Fermentation. 2014 , 135-163		2
70	Biochemical and Molecular Mechanism of Abiotic Stress Tolerance in Plants. 2020 , 825-853		2

- 69 Interactions between plants and soil shaping the root microbiome under abiotic stress. **2019**, 476, 2705-2724 78
- 68 Adaptations to winter-wet ironstone soils: a comparison between rare ironstone *Hakea* (Proteaceae) species and their common congeners. **2008**, 56, 574 9
- 67 The marked flooding tolerance of seedlings of a threatened swamp gum: implications for the restoration of critical wetland forests. **2015**, 63, 669 11
- 66 No escape? Costs and benefits of leaf de-submergence in the pasture grass *Chloris gayana* under different flooding regimes. **2017**, 44, 899-906 13
- 65 Photosynthetic responses to submergence in mangrove seedlings. **2014**, 65, 497 19
- 64 Hypoxia in the grape berry linked to mesocarp cell death: the role of seed respiration and lenticels on the berry pedicel. 1
- 63 An Endosperm-Associated Cuticle Is Required for Arabidopsis Seed Viability, Dormancy and Early Control of Germination. **2015**, 11, e1005708 65
- 62 Caracteriza^o morfoanat^{ica} e histoqu^{ica} de *Cuphea carthagenensis* (Jacq.) J.f. Macbr. (Lythraceae). **2011**, 25, 517-527 5
- 61 Two metallothionein gene family members in buckwheat: Expression analysis in flooding stress using Real Time RT-PCR technology. **2008**, 60, 77-82 3
- 60 Selection of Tomato and Cucumber Accessions for Waterlogging Sensitivity through Morpho-Physiological Assessment at an Early Vegetative Stage. **2020**, 10, 1490 4
- 59 Nitrogen recovery and agronomic efficiency of forages with nitrogen fertilization under flooded condition. **2013**, 04, 138-148 1
- 58 Isolation and characterization of *Bradh1* gene encoding alcohol dehydrogenase from Chinese cabbage (*Brassica rapa*). **2011**, 38, 77-86 3
- 57 Effects of submergence on growth and survival of saplings of three wetland trees differing in adaptive mechanisms for flood tolerance. **2015**, 24, 001 7
- 56 Effects of substrate and water depth of a eutrophic pond on the physiological status of a submerged plant,. **2020**, 8, e10273 4
- 55 Photosynthetic and morphological traits control aquatic plant distribution according to light stress. **2021**, 35, 739 1
- 54 Ecophysiological responses of nine floodplain meadow species to changing hydrological conditions. **2008**, 225-234 0
- 53 Effect of submergence on rhizospheric soil enzyme activity and fertility of bermudagrass (*Cynodon dactylon*). **2011**, 19, 8-12
- 52 Yield and uptake of bahiagrass under flooded environment as affected by nitrogen fertilization. **2012**, 03, 491-500 0

51	CRESCIMENTO E PARTIÇÃO DE CARBOIDRATOS EM PLANTAS DE <i>Sebastiania membranifolia</i> SUBMETIDAS AO ALAGAMENTO. 2015 , 21, 67-74		0
50	Proteomic analysis of food crops under abiotic stresses in the context of climate change. 43-69		
49	Efecto del Anegamiento en la Actividad de la Enzima Alcohol Deshidrogenasa en Raíces de Maracuyá Amarillo <i>Passiflora Edulis</i> var. <i>Flavicarpa</i> . 2015 , 17, 114-122		1
48	Physiological Adaptations to Wetland Habitats. 2016 , 1-12		
47	Growth and Allocation. 2019 , 385-449		1
46	Effects of water level and competition pattern on ecological stoichiometry characteristics of a typical wetland plant <i>Polygonum hydropiper</i> in Lake Dongting. 2019 , 31, 1651-1661		
45	Partial Submergence Tolerance in Rice (<i>Oryza sativa</i> L.) Cultivated in North Sulawesi at the Vegetative Phase. 2019 , 22, 95-102		1
44	Nutrient Perception and Signaling in Plants. 2019 , 59-77		
43	Abscisic acid is required for exodermal suberization to form a barrier to radial oxygen loss in the adventitious roots of rice (<i>Oryza sativa</i>). <i>New Phytologist</i> , 2021 , 233, 655	9.8	2
42	Formation of a barrier to radial oxygen loss in L-type lateral roots of rice. 2020 , 14, 33-41		2
41	The overexpression of NCED results in waterlogging sensitivity in soybean. 2022 , 3, 100047		0
40	Early Growth Responses of <i>Larix kaempferi</i> (Lamb.) Carr. Seedling to Short-Term Extreme Climate Events in Summer. 2021 , 12, 1595		0
39	Flooding depths and burial effects on seedling emergence of five California weedy rice (<i>Oryza sativa spontanea</i>) accessions. 1-22		0
38	Saline Soils. 2021 , 49-100		
37	Genomic architecture of promoters and transcriptional regulation of candidate genes in rice involved in tolerance to anaerobic germination. 2022 , 29, 100236		3
36	Abscisic Acid modulates neighbor proximity-induced leaf hyponasty in <i>Arabidopsis</i> .		0
35	The Effects of Edaphic Factors on Riparian Plants in the Middle and Lower Reaches of the Hanjiang River, China.. 2022 , 11,		0
34	The leading trait dimensions in flood-tolerant plants.. 2022 ,		0

33	Trapped between drowning and desiccation: Riverine plants under hydropeaking.. <i>Science of the Total Environment</i> , 2022 , 154451	10.2	0
32	Experimental flooding modifies rhizosphere conditions, induces photoacclimation and promotes antioxidant activities in <i>Rhizophora mucronata</i> seedlings. 2022 , 65, 1-12		2
31	Potential Role of Plant Growth Regulators in Administering Crucial Processes Against Abiotic Stresses. 2021 , 3,		12
30	Research Status and Trends of Underwater Photosynthesis. 2022 , 14, 4644		2
29	Table_1.DOCX. 2020 ,		
28	Differences in the metabolic and functional mechanisms used to tolerate flooding in <i>Guazuma ulmifolia</i> (Lam.) from flood-prone Amazonian and dry Cerrado savanna populations. <i>Tree Physiology</i> ,	4.2	
27	Differential Growth Responses of <i>Alternanthera philoxeroides</i> as Affected by Submergence Depths. <i>Frontiers in Plant Science</i> , 2022 , 13,	6.2	
26	Tolerance of Plant Cell Wall to Environment.		
25	Evaluation of 10 Eggplant (<i>Solanum melongena</i> L.) Genotypes for Development of Cultivars Suitable for Short-Term Waterlogged Conditions. <i>Gesunde Pflanzen</i> ,	1.9	
24	Ventilation Systems in Wetland Plant Species. <i>Diversity</i> , 2022 , 14, 517	2.5	1
23	Rewetting prolongs root growing season in minerotrophic peatlands and mitigates negative drought effects. <i>Journal of Applied Ecology</i> ,	5.8	0
22	Evaluation of growth responses of six gymnosperm species under long-term excessive irrigation and traits determining species resistance to waterlogging. <i>Agricultural and Forest Meteorology</i> , 2022 , 323, 109071	5.8	2
21	Hydropeaking impacts on riverine plants downstream from the world's largest hydropower dam, the Three Gorges Dam. <i>Science of the Total Environment</i> , 2022 , 845, 157137	10.2	1
20	Effects of water level changes on the morphological and physiology of the submerged macrophyte <i>Vallisneria spiralis</i> . 2022 , 37, 405-424		0
19	Development, Diversity and Dynamics of Plant Architecture in <i>Utricularia</i> subgenus <i>Polypompholyx</i> Towards Understanding Evolutionary Processes in the <i>Lentibulariaceae</i> .		0
18	Abscisic Acid Modulates Neighbor Proximity-Induced Leaf Hyponasty in <i>Arabidopsis</i> .		1
17	Exogenous Silicon Applications Enhance Peach Seedling Response to Flooding-Induced Hypoxia Stress.		0
16	Physiological Response of Sugar Beet Seedlings to Ferric, Hypoxia, and Interactive Ferric-Hypoxia Stresses.		0

- 15 Multi-stress resilience in plants recovering from submergence. ○
- 14 Functional traits of riparian trees in the lower Fitzroy River, Western Australia. ○
- 13 Inundation Depth Shape Phenotypic Variability of *Phragmites australis* in Liaohe Estuary Wetland, Northeast China. **2022**, 14, 14911 ○
- 12 Exogenous Melatonin Improves Waterlogging Tolerance in Wheat through Promoting Antioxidant Enzymatic Activity and Carbon Assimilation. **2022**, 12, 2876 1
- 11 Metabolite profiling of leaves of three *Epilobium* species. **2022**, 20, 279-293 ○
- 10 A simple and cost-effective method for studying anoxia tolerance in plants. ○
- 9 Modeling strategies and data needs for representing coastal wetland vegetation in land surface models. ○
- 8 Comparative transcriptomic analysis of germinating rice seedlings to individual and combined anaerobic and cold stress. **2023**, 24, ○
- 7 In situ mapping of ion distribution profiles and gene expression reveals interactions between hypoxia and Mn²⁺/Fe²⁺ availability in barley roots. **2023**, 329, 111607 ○
- 6 Physiology and proteomics analyses reveal the response mechanisms of *Rhizophora mucronata* seedlings to prolonged complete submergence. **2023**, 25, 420-432 ○
- 5 Rewiring of hormones and light response pathways underlies the inhibition of stomatal development in an amphibious plant *Rorippa aquatica* underwater. **2023**, 33, 543-556.e4 ○
- 4 Environmental extremes affect productivity and habitus of common reed in intermittent wetland. **2023**, 189, 106911 ○
- 3 ADH Gene Cloning and Identification of Flooding-Responsive Genes in *Taxodium distichum* (L.) Rich. **2023**, 12, 678 ○
- 2 Nutrients Regulation and Abiotic Stress Tolerance in Plants. **2023**, 209-223 ○
- 1 Soil moisture influences the root characteristics of a herbaceous riparian plant along a regulated river. ○