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Use of wild relatives to improve salt tolerance in wheat

DOI: 10.1093/jxb/erj124

Journal of Experimental Botany, 2006, 57, 1059-78.

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422	Approaches to increasing the salt tolerance of wheat and other cereals. <i>Journal of Experimental Botany</i> , 2006 , 57, 1025-43	7	1110
421	Salinity tolerance of Arabidopsis: a good model for cereals?. 2007 , 12, 534-40		103
420	Comparative transcriptome analysis of salt-tolerant wheat germplasm lines using wheat genome arrays. 2007 , 173, 327-339		37
419	Development and molecular cytogenetic identification of new winter wheat-winter barley ('Martonvéri 9 kr1' - 'Igrí') disomic addition lines. 2007 , 50, 43-50		23
418	Salt tolerance in a <i>Hordeum marinum</i> - <i>Triticum aestivum</i> amphiploid, and its parents. <i>Journal of Experimental Botany</i> , 2007 , 58, 1219-29	7	74
417	Mechanisms of high salinity tolerance in plants. 2007 , 428, 419-38		457
416	Reassessment of tissue Na(+) concentration as a criterion for salinity tolerance in bread wheat. 2007 , 30, 1486-98		197
415	AB-QTL analysis in winter wheat: I. Synthetic hexaploid wheat (<i>T. turgidum</i> ssp. <i>dicoccoides</i> x <i>T. tauschii</i>) as a source of favourable alleles for milling and baking quality traits. 2007 , 115, 683-95		98
414	Arabidopsis-rice-wheat gene orthologues for Na ⁺ transport and transcript analysis in wheat-L. <i>elongatum</i> aneuploids under salt stress. 2007 , 277, 199-212		46
413	Utilisation of <i>Aegilops</i> (goatgrass) species to widen the genetic diversity of cultivated wheat. 2008 , 163, 1-19		161
412	Phenotypic responses of the wild wheat relative <i>Aegilops geniculata</i> Roth and wheat (<i>Triticum durum</i> Desf.) to experimentally imposed salt stress. 2008 , 55, 665-674		5
411	Proteomic analysis on a high salt tolerance introgression strain of <i>Triticum aestivum</i> / <i>Thinopyrum ponticum</i> . 2008 , 8, 1470-89		156
410	Productivity enhancement of salt-affected environments through crop diversification. 2008 , 19, 429-453		140
409	Salinity tolerance in halophytes. 2008 , 179, 945-963		1660
408	Potassium transport and plant salt tolerance. 2008 , 133, 651-69		785
407	A root's ability to retain K ⁺ correlates with salt tolerance in wheat. <i>Journal of Experimental Botany</i> , 2008 , 59, 2697-706	7	205
406	Comparative mapping of HKT genes in wheat, barley, and rice, key determinants of Na ⁺ transport, and salt tolerance. <i>Journal of Experimental Botany</i> , 2008 , 59, 927-37	7	142

405	Quantitative trait loci and crop performance under abiotic stress: where do we stand?. 2008 , 147, 469-86	434
404	Assessing the genetic relatedness of higher ozone sensitivity of modern wheat to its wild and cultivated progenitors/relatives. <i>Journal of Experimental Botany</i> , 2008 , 59, 951-63	7 58
403	Abscisic acid has contrasting effects on salt excretion and polyamine concentrations of an inland and a coastal population of the Mediterranean xero-halophyte species <i>Atriplex halimus</i> . 2009 , 104, 925-36	38
402	Differential Sensitivity of Rice Cultivars to Salinity and Its Relation to Ion Accumulation and Root Tip Structure. 2009 , 12, 453-461	28
401	Tolerance of <i>Hordeum marinum</i> accessions to O ₂ deficiency, salinity and these stresses combined. 2009 , 103, 237-48	50
400	Durum Wheat Breeding. 2009 , 199-226	11
399	Identification and validation of quantitative trait loci for grain protein concentration in adapted Canadian durum wheat populations. 2009 , 119, 437-48	54
398	Wheat-alien metaphase I pairing of individual wheat genomes and D genome chromosomes in interspecific hybrids between <i>Triticum aestivum</i> L. and <i>Aegilops geniculata</i> Roth. 2009 , 119, 805-13	23
397	Development of wheat- <i>Lophopyrum elongatum</i> recombinant lines for enhanced sodium 'exclusion' during salinity stress. 2009 , 119, 1313-23	31
396	Geographic limits of a clonal population of wheat yellow rust in the Mediterranean region. 2009 , 18, 4165-79	48
395	Differences in efficient metabolite management and nutrient metabolic regulation between wild and cultivated barley grown at high salinity. 2010 , 12, 650-8	18
394	Genetic Resources for Some Wheat Abiotic Stress Tolerances. 2009 , 149-163	5
393	Triticeae: The Ultimate Source of Abiotic Stress Tolerance Improvement in Wheat. 2009 , 65-71	6
392	Climate Change, Intercropping, Pest Control and Beneficial Microorganisms. 2009 ,	17
391	Cytogenetic and molecular characterization of a durum alien disomic addition line with enhanced tolerance to <i>Fusarium</i> head blight. 2009 , 52, 467-83	61
390	Cereals. 2009 ,	5
389	Salinity and Water Stress. 2009 ,	23
388	Detection of intergenomic chromosome rearrangements in irradiated <i>Triticum aestivum</i> - <i>Aegilops biuncialis</i> amphiploids by multicolour genomic in situ hybridization. 2009 , 52, 156-65	34

387	Ionic relations and osmotic adjustment in durum and bread wheat under saline conditions. 2010 , 36, 1110-1119	105
386	Production and fish identification of wheat- <i>Aegilops biuncialis</i> addition lines and their use for the selection of U and M genome-specific molecular (SSR) markers. 2010 , 58, 151-158	5
385	Field screening and evaluation of salt and cold tolerance of wheat germplasm resources. 2010 , 38, 32-42	
384	Salt stress responses of a halophytic grass <i>Aeluropus lagopoides</i> and subsequent recovery. 2010 , 57, 784-791	10
383	HvNax3--a locus controlling shoot sodium exclusion derived from wild barley (<i>Hordeum vulgare</i> ssp. <i>spontaneum</i>). 2010 , 10, 277-91	111
382	Molecular characterization and functional analysis of elite genes in wheat and its related species. 2010 , 89, 539-54	1
381	Calcium requirement of wheat in saline and non-saline conditions. 2010 , 327, 331-345	30
380	Mechanisms of sodium uptake by roots of higher plants. 2010 , 326, 45-60	171
379	Selection of U and M genome-specific wheat SSR markers using wheat <i>Aegilops biuncialis</i> and wheat <i>Ae. geniculata</i> addition lines. 2010 , 175, 357-364	11
378	The role of antioxidant defense systems at differential salt tolerance of <i>Hordeum marinum</i> Huds. (sea barleygrass) and <i>Hordeum vulgare</i> L. (cultivated barley). 2010 , 69, 76-85	87
377	Impact of groundwater salinity on vegetation species richness in the coastal pine forests and wetlands of Ravenna, Italy. 2010 , 36, 1201-1211	71
376	Variation in salinity tolerance and shoot sodium accumulation in <i>Arabidopsis</i> ecotypes linked to differences in the natural expression levels of transporters involved in sodium transport. 2010 , 33, 793-804	84
375	Drought and salt tolerances in wild relatives for wheat and barley improvement. 2010 , 33, 670-85	280
374	Genetic diversity of Greek <i>Aegilops</i> species using different types of nuclear genome markers. 2010 , 56, 951-61	21
373	Visualization of U and M genome chromosomes by multicolour genomic in situ hybridization in <i>Aegilops biuncialis</i> and <i>Triticum aestivum</i> - <i>Ae. biuncialis</i> amphiploids. 2010 , 58, 195-202	3
372	photosynthesis in the 7H Asakaze komugi/Manas wheat/barley addition line during salt stress. 2010 , 58, 367-376	8
371	Identification of wheat alien chromosome addition lines for breeding wheat with high phosphorus efficiency. 2010 , 60, 371-379	8
370	Rβercussion de la polyploïdie artificielle sur la tolérance au stress salin chez <i>Trigonella foenum-graecum</i> L en Tunisie. 2010 , 157, 295-303	5

369	Interspecific hybrids of <i>Hordeum marinum</i> ssp. <i>marinum</i> x <i>H. bulbosum</i> are mitotically stable and reveal no gross alterations in chromatin properties. 2010 , 129, 110-6	8
368	Enhancing Abiotic Stress Tolerance in Cereals Through Breeding and Transgenic Interventions. 2010 , 31-114	6
367	Membrane-Potential Alteration During K ⁺ Uptake of Different Salt-Tolerant Wheat Varieties. 2010 , 9, 974-979	1
366	Ion Channels and Plant Stress Responses. 2010 ,	7
365	Barley Origin and Related Species. 2010 , 14-62	7
364	Perennial wheat: a review of environmental and agronomic prospects for development in Australia. 2010 , 61, 679	42
363	Influence d'une contrainte saline sur la croissance d' <i>Aegilops geniculata</i> Roth et du blé dur (<i>Triticum durum</i> Desf.). 2011 , 158, 553-565	
362	Agropyron and <i>Psathyrostachys</i> . 2011 , 77-108	48
361	Plant Adaptations to Salt and Water Stress. 2011 , 1-32	100
360	Soil Salinisation and Salt Stress in Crop Production. 2011 ,	30
359	The flexibility of wheat and barley genomes under salinity stress and honeycomb evaluation. 2011 , 39, 32-43	1
358	Role of sodium and hydrogen (Na ⁺ /H ⁺) antiporters in salt tolerance of plants: Present and future challenges. 2011 , 10, 13693-13704	15
357	The performance of single chromosome substitution lines of bread wheat subjected to salinity stress. 2011 , 39, 317-324	
356	Durum wheat salt tolerance in relation to physiological, yield and quality characters. 2011 , 39, 525-534	17
355	Plasticity tradeoffs in salt tolerance mechanisms among desert <i>Distichlis spicata</i> genotypes. 2011 , 38, 187-198	7
354	Transfer of the barrier to radial oxygen loss in roots of <i>Hordeum marinum</i> to wheat (<i>Triticum aestivum</i>): evaluation of four <i>H. marinum</i> -wheat amphiploids. 2011 , 190, 499-508	51
353	Sodium transport in plants: a critical review. 2011 , 189, 54-81	288
352	Genetic analysis of abiotic stress tolerance in crops. 2011 , 14, 232-9	187

351	Gene Expression Profiling of Plants under Salt Stress. 2011 , 30, 435-458		383
350	Quantitative trait loci associated with salinity tolerance in field grown bread wheat. 2011 , 181, 371-383		40
349	<i>Hordeum marinum</i> -wheat amphiploids maintain higher leaf K ⁺ :Na ⁺ and suffer less leaf injury than wheat parents in saline conditions. 2011 , 348, 365-377		26
348	Molecular cytogenetic characterization of two high protein wheat- <i>Thinopyrum</i> intermedium partial amphiploids. 2011 , 52, 269-77		15
347	Abiotic Stress and Metabolomics. 2011 , 61-85		9
346	Proteome analysis of wheat leaf under salt stress by two-dimensional difference gel electrophoresis (2D-DIGE). 2011 , 72, 1180-91		101
345	Applicability of <i>Aegilops tauschii</i> drought tolerance traits to breeding of hexaploid wheat. 2011 , 61, 347-57		41
344	Ion transport and osmotic adjustment in plants and bacteria. 2011 , 2, 407-19		76
343	Wild Crop Relatives: Genomic and Breeding Resources. 2011 ,		13
342	Major genes for Na ⁺ exclusion, <i>Nax1</i> and <i>Nax2</i> (wheat <i>HKT1;4</i> and <i>HKT1;5</i>), decrease Na ⁺ accumulation in bread wheat leaves under saline and waterlogged conditions. <i>Journal of Experimental Botany</i> , 2011 , 62, 2939-47	7	267
341	Plant Responses to Saline and Sodic Conditions. 2011 , 169-205		10
340	Ion transport in seminal and adventitious roots of cereals during O ₂ deficiency. <i>Journal of Experimental Botany</i> , 2011 , 62, 39-57	7	104
339	Ameliorative Effect of Foliar Nutrient Supply on Growth, Inorganic Ions, Membrane Permeability, and Leaf Relative Water Content of <i>Physalis</i> Plants under Salinity Stress. 2011 , 42, 408-423		7
338	Wheat- <i>Aegilops</i> chromosome addition lines showing high iron and zinc contents in grains. 2011 , 61, 189-195		29
337	A <i>SOS3</i> homologue maps to <i>HvNax4</i> , a barley locus controlling an environmentally sensitive Na ⁺ exclusion trait. <i>Journal of Experimental Botany</i> , 2011 , 62, 1201-16	7	54
336	Drought Adaptive Traits and Wide Adaptation in Elite Lines Derived from Resynthesized Hexaploid Wheat. 2011 , 51, 1617-1626		52
335	Development of diversity array technology (DART) markers for assessment of population structure and diversity in <i>Aegilops tauschii</i> . 2012 , 62, 38-45		42
334	Impact of ancestral wheat sodium exclusion genes <i>Nax1</i> and <i>Nax2</i> on grain yield of durum wheat on saline soils. 2012 , 39, 609-618		68

333	Molecular characterization of Syrian Aegilops L. (Triticeae, Poaceae) species using ISSRs. 2012 , 40, 24-33	1
332	Potted mycorrhizal carnation plants and saline stress: Growth, quality and nutritional plant responses. 2012 , 140, 131-139	27
331	Approaches to Increasing Salt Tolerance in Crop Plants. 2012 , 63-88	10
330	Physiology of acclimation to salinity stress in pea (<i>Pisum sativum</i>). 2012 , 84, 44-51	78
329	Wheat: Functional Genomics of Abiotic Stress Tolerance. 2012 , 637-656	
328	Gene expression profiling of defense-related genes resistant to <i>Septoria tritici</i> blotch in wheat. 2012 , 11,	
327	Effects of silver nitrate applications on cucumbers (<i>Cucumis sativus</i> L.) morphology. 2012 , 11,	1
326	Detection of various U and M chromosomes in wheat- <i>Aegilops biuncialis</i> hybrids and derivatives using fluorescence in situ hybridisation and molecular markers. 2012 , 48, 169-177	9
325	Nitrite reductase (<i>nir2</i>) gene has a positive role in nitrogen metabolism in tobacco. 2012 , 11,	
324	Application of Non-invasive Microelectrode Flux Measurements in Plant Stress Physiology. 2012 , 91-126	8
323	Genetic behaviour of physiological traits conferring cytosolic K ⁺ /Na ⁺ homeostasis in wheat. 2012 , 14, 438-46	46
322	Development and utilization of new sequenced characterized amplified region markers specific for E genome of <i>Thinopyrum</i> . 2013 , 8, 451-459	0
321	Relationship between constitutive root aerenchyma formation and flooding tolerance in <i>Zea mays</i> . 2013 , 370, 447-460	40
320	Plant proteome responses to salinity stress - comparison of glycophytes and halophytes. 2013 , 40, 775-786	56
319	Physiological mechanisms involved in the recovery of <i>euonymus</i> and <i>laurustinus</i> subjected to saline waters. 2013 , 128, 131-139	26
318	How the nucleus and mitochondria communicate in energy production during stress: nuclear MtATP6, an early-stress responsive gene, regulates the mitochondrial F ₁ F ₀ ATP synthase complex. 2013 , 54, 756-69	19
317	HVP10 encoding V-PPase is a prime candidate for the barley HvNax3 sodium exclusion gene: evidence from fine mapping and expression analysis. 2013 , 237, 1111-22	31
316	Substitution of <i>Hordeum marinum</i> ssp. <i>gussoneanum</i> chromosome 7HL into wheat homoeologous group-7. 2013 , 192, 251-257	4

315	Conditional QTL mapping for waterlogging tolerance in two RILs populations of wheat. 2013 , 2, 245	29
314	Physiological adaptive mechanisms of plants grown in saline soil and implications for sustainable saline agriculture in coastal zone. 2013 , 35, 2867-2878	118
313	Flooding tolerance in interspecific introgression lines containing chromosome segments from teosinte (<i>Zea nicaraguensis</i>) in maize (<i>Zea mays</i> subsp. <i>mays</i>). 2013 , 112, 1125-39	43
312	Current Concepts about Salinity and Salinity Tolerance in Plants. 2013 , 163-188	2
311	Salt tolerance of halophytes, research questions reviewed in the perspective of saline agriculture. 2013 , 92, 83-95	138
310	Growing floricultural crops with brackish water. 2013 , 92, 165-175	60
309	Repeated evolution of salt-tolerance in grasses. 2013 , 9, 20130029	49
308	Salinity-Induced Genes and Molecular Basis of Salt-Tolerant Strategies in Mangroves. 2013 , 53-86	6
307	Responses of leaf growth and gas exchanges to salt stress during reproductive stage in wild wheat relative <i>Aegilops geniculata</i> Roth. and wheat (<i>Triticum durum</i> Desf.). 2013 , 35, 1453-1461	11
306	Cultural Conditions and Propagule Type Influence Relative Chloride Exclusion in Grapevine Rootstocks. 2013 , 64, 241-250	14
305	Hidden diversity in wild Beta taxa from Portugal: insights from genome size and ploidy level estimations using flow cytometry. 2013 , 207, 72-8	20
304	Protein contribution to plant salinity response and tolerance acquisition. 2013 , 14, 6757-89	127
303	Sodium (Na ⁺) homeostasis and salt tolerance of plants. 2013 , 92, 19-31	282
302	Improvement of salt and waterlogging tolerance in wheat: comparative physiology of <i>Hordeum marinum</i> - <i>Triticum aestivum</i> amphiploids with their <i>H. marinum</i> and wheat parents. 2013 , 40, 1168-1178	15
301	Sustainable Food Production. 2013 , 986-1002	3
300	Constitutive expression of a miR319 gene alters plant development and enhances salt and drought tolerance in transgenic creeping bentgrass. 2013 , 161, 1375-91	272
299	Investigating the role of respiration in plant salinity tolerance by analyzing mitochondrial proteomes from wheat and a salinity-tolerant Amphiploid (wheat <i>Lophopyrum elongatum</i>). 2013 , 12, 4807-29	55
298	Cloning of allene oxide cyclase gene from <i>Leymus mollis</i> and analysis of its expression in wheat- <i>Leymus</i> chromosome addition lines. 2013 , 63, 68-76	8

297	Differential activity of plasma and vacuolar membrane transporters contributes to genotypic differences in salinity tolerance in a Halophyte Species, <i>Chenopodium quinoa</i> . 2013 , 14, 9267-85		78
296	Genetic variation in wheat for <i>Azospirillum brasilense</i> to adhere to the seedling root. 2013 , 41, 275-283		1
295	Genome Structure and Salt Stress Response of Some Segregated Lines from Wheat and <i>Triticum</i> Crosses. 2013 , 78, 367-377		4
294	Plant Roots under Aluminum Stress: Toxicity and Tolerance. 2013 , 548-571		11
293	. 2013 ,		3
292	Characterization of a new wheat- <i>Aegilops biuncialis</i> addition line conferring quality-associated HMW glutenin subunits. 2014 , 13, 660-9		18
291	In vivo screening of salinity tolerance in Giant Swamp Taro (<i>Cyrtosperma merkusii</i>). 2014 , 32, 33		1
290	From Halophyte Research to Halophytes Farming. 2014 , 135-142		5
289	Structural-functional dissection and characterization of yield-contributing traits originating from a group 7 chromosome of the wheatgrass species <i>Thinopyrum ponticum</i> after transfer into durum wheat. <i>Journal of Experimental Botany</i> , 2014 , 65, 509-25	7	20
288	Wheat and barley dehydrins under cold, drought, and salinity - what can LEA-II proteins tell us about plant stress response?. 2014 , 5, 343		101
287	Irrigation of <i>Myrtus communis</i> plants with reclaimed water: morphological and physiological responses to different levels of salinity. 2014 , 89, 487-494		17
286	mRNA and Small RNA Transcriptomes Reveal Insights into Dynamic Homoeolog Regulation of Allopolyploid Heterosis in Nascent Hexaploid Wheat. 2014 , 26, 1878-1900		193
285	Production and Molecular Cytogenetic Identification of Wheat-Alien Hybrids and Introgression Lines. 2014 , 255-283		13
284	Genomes, Chromosomes and Genes of the Wheatgrass Genus <i>Thinopyrum</i> : the Value of their Transfer into Wheat for Gains in Cytogenomic Knowledge and Sustainable Breeding. 2014 , 333-358		14
283	Wheat- <i>Aegilops biuncialis</i> amphiploids have efficient photosynthesis and biomass production during osmotic stress. 2014 , 171, 509-17		11
282	Rubisco catalytic properties optimized for present and future climatic conditions. 2014 , 226, 61-70		30
281	Expression levels and promoter activities of candidate salt tolerance genes in halophytic and glycophytic Brassicaceae. 2014 , 99, 59-66		31
280	Salinity tolerance. 2014 , 133-178		6

279	Gene expression analysis in the roots of salt-stressed wheat and the cytogenetic derivatives of wheat combined with the salt-tolerant wheatgrass, <i>Lophopyrum elongatum</i> . 2014 , 33, 189-201	4
278	Genomics of Plant Genetic Resources. 2014 ,	13
277	Investigation of diversity in <i>Aegilops biuncialis</i> and <i>Aegilops umbellulata</i> by A-PAGE. 2014 , 28, 1626-36	4
276	Phenotypic and genetic variation occurred during wide hybridisation and allopolyploidisation between <i>Brassica rapa</i> and <i>Brassica nigra</i> . 2014 , 176, 22-31	6
275	Durum and bread wheat differ in their ability to retain potassium in leaf mesophyll: implications for salinity stress tolerance. 2014 , 55, 1749-62	40
274	Genome duplication improves rice root resistance to salt stress. 2014 , 7, 15	45
273	Salt stress differently affects growth, water status and antioxidant enzyme activities in <i>Solanum lycopersicum</i> and its wild relative <i>Solanum chilense</i> . 2014 , 62, 359	14
272	Salinity tolerance of <i>Aegilops cylindrica</i> genotypes collected from hyper-saline shores of Uremia Salt Lake using physiological traits and SSR markers. 2014 , 36, 2243-2251	24
271	Salinity Tolerance Ranking Of Various Wheat Landraces From The West Of The Urmia Saline Lake In Iran By Using Physiological Parameters. 2014 , 37, 1025-1039	2
270	QTLs for Waterlogging Tolerance at Germination and Seedling Stages in Population of Recombinant Inbred Lines Derived from a Cross Between Synthetic and Cultivated Wheat Genotypes. 2014 , 13, 31-39	15
269	Biotechnological applications to improve salinity stress in wheat. 2015 , 1-27	
268	Dormancy and germination: How does the crop seed decide?. 2015 , 17, 1104-12	55
267	Salinity stiffens the epidermal cell walls of salt-stressed maize leaves: is the epidermis growth-restricting?. 2015 , 10, e0118406	40
266	Heat Stress Adaptation in Elite Lines Derived from Synthetic Hexaploid Wheat. 2015 , 55, 2719-2735	40
265	Flow sorting of C-genome chromosomes from wild relatives of wheat <i>Aegilops markgrafii</i> , <i>Ae. triuncialis</i> and <i>Ae. cylindrica</i> , and their molecular organization. 2015 , 116, 189-200	26
264	Salt Adaptation Mechanisms of Halophytes: Improvement of Salt Tolerance in Crop Plants. 2015 , 243-279	31
263	Utilization of wild relatives of wheat, barley, maize and oat in developing abiotic and biotic stress tolerant new varieties. 2015 , 27, 1	20
262	Elucidation of Abiotic Stress Signaling in Plants. 2015 ,	6

261	Developing and validating a high-throughput assay for salinity tissue tolerance in wheat and barley. 2015 , 242, 847-57	24
260	Wheat-Perennial Triticeae Introgressions: Major Achievements and Prospects. 2015 , 273-313	4
259	Wheat-Barley Hybrids and Introgression Lines. 2015 , 315-345	3
258	Monitoring the introgression of E genome chromosomes into triticale using multicolor GISH. 2015 , 68, 317-322	2
257	Genomewide association study of <i>Aegilops tauschii</i> traits under seedling-stage cadmium stress. 2015 , 3, 405-415	11
256	Responses of two barley cultivars differing in their salt tolerance to moderate and high salinities and subsequent recovery. 2015 , 59, 106-114	5
255	Cytogenetic and Molecular Marker-Based Characterization of a Wheat- <i>Psathyrostachys huashanica</i> Keng 2Ns(2D) Substitution Line. 2015 , 33, 414-423	7
254	Chloride exclusion patterns in six grapevine populations. 2015 , 21, 147-155	9
253	Metabolic contribution to salt stress in two maize hybrids with contrasting resistance. 2015 , 233, 107-115	66
252	The evolution of halophytes, glycophytes and crops, and its implications for food security under saline conditions. 2015 , 206, 557-70	114
251	Plant salt tolerance: adaptations in halophytes. 2015 , 115, 327-31	380
250	Using QTL mapping to investigate the relationships between abiotic stress tolerance (drought and salinity) and agronomic and physiological traits. 2015 , 16, 43	79
249	Salt stress response of wheat-Barley addition lines carrying chromosomes from the winter barley <i>Manas</i> . 2015 , 203, 491-504	20
248	Physiology of salinity tolerance in <i>Aegilops cylindrica</i> . 2015 , 37, 1	19
247	<i>Thinopyrum ponticum</i> chromatin-integrated wheat genome shows salt-tolerance at germination stage. 2015 , 16, 4512-7	7
246	K(+) accumulation in the cytoplasm and nucleus of the salt gland cells of <i>Limonium bicolor</i> accompanies increased rates of salt secretion under NaCl treatment using NanoSIMS. 2015 , 238, 286-96	75
245	Model of Cation Transportation Mediated by High-Affinity Potassium Transporters (HKTs) in Higher Plants. 2015 , 17, 1	40
244	Differential response of NADP-dehydrogenases and carbon metabolism in leaves and roots of two durum wheat (<i>Triticum durum</i> Desf.) cultivars (Karim and Azizi) with different sensitivities to salt stress. 2015 , 179, 56-63	37

243	Making the Bread: Insights from Newly Synthesized Allohexaploid Wheat. 2015 , 8, 847-59	36
242	Macroevolutionary patterns of salt tolerance in angiosperms. 2015 , 115, 333-41	26
241	Phenotypic effects of additional chromosomes on agronomic and photosynthetic traits of common wheat in the background of Chinese Spring. 2015 , 66, 32	0
240	Alien Introgression in Wheat. 2015 ,	24
239	Large-scale screening for <i>Aegilops tauschii</i> tolerant genotypes to phosphorus deficiency at seedling stage. 2015 , 204, 571-586	10
238	Salt tolerance in two tall wheatgrass species is associated with selective capacity for K ⁺ over Na ⁺ . 2015 , 37, 1	9
237	Exploring ion homeostasis and mechanism of salinity tolerance in primary tritopyrum lines (<i>Wheat</i> × <i>Thinopyrum bessarabicum</i>) in the presence of salinity. 2016 , 10, 911-919	4
236	Food Security in the Face of Salinity, Drought, Climate Change, and Population Growth. 2016 , 111-123	44
235	Proteomic Response of <i>Hordeum vulgare</i> cv. Tadmor and <i>Hordeum marinum</i> to Salinity Stress: Similarities and Differences between a Glycophyte and a Halophyte. 2016 , 7, 1154	35
234	Hydathode morphology and role of guttation in excreting sodium at different concentrations of sodium chloride in eddo. 2016 , 19, 528-539	5
233	Salt tolerance during germination and seedling growth of wild wheat <i>Aegilops tauschii</i> and its impact on the species range expansion. 2016 , 6, 38554	15
232	Genotype-by-sequencing facilitates genetic mapping of a stem rust resistance locus in <i>Aegilops umbellulata</i> , a wild relative of cultivated wheat. 2016 , 17, 1039	19
231	Innovations in Dryland Agriculture. 2016 ,	7
230	Breeding and Genetic Enhancement of Dryland Crops. 2016 , 257-296	1
229	Development and Validation of <i>Thinopyrum elongatum</i> Expressed Molecular Markers Specific for the Long Arm of Chromosome 7E. 2016 , 56, 354-364	14
228	Climate Change vis-a-vis Saline Agriculture: Impact and Adaptation Strategies. 2016 , 5-53	11
227	Characterization of Two HKT1;4 Transporters from <i>Triticum monococcum</i> to Elucidate the Determinants of the Wheat Salt Tolerance <i>Nax1</i> QTL. 2016 , 57, 2047-2057	21
226	Deciphering the evolutionary interplay between subgenomes following polyploidy: A paleogenomics approach in grasses. 2016 , 103, 1167-74	13

225	Smart Engineering of Genetic Resources for Enhanced Salinity Tolerance in Crop Plants. 2016 , 35, 146-189	130
224	Expression of genes related to Na ⁺ exclusion and proline accumulation in tolerant and susceptible wheat genotypes under salt stress. 2016 , 44, 404-413	7
223	Characterization of a New Wheat-Aegilops biuncialis1Mb(1B) Substitution Line with Good Quality-associated HMW Glutenin Subunit. 2016 , 44, 198-205	3
222	Salt sensitivity in chickpea is determined by sodium toxicity. 2016 , 244, 623-37	21
221	Evolution and Adaptation of Wild Emmer Wheat Populations to Biotic and Abiotic Stresses. 2016 , 54, 279-301	46
220	Rubisco catalytic properties of wild and domesticated relatives provide scope for improving wheat photosynthesis. <i>Journal of Experimental Botany</i> , 2016 , 67, 1827-38	7 67
219	Natural variability in Drosophila larval and pupal NaCl tolerance. 2016 , 88, 15-23	1
218	The Phylogenetic Association Between Salt Tolerance and Heavy Metal Hyperaccumulation in Angiosperms. 2016 , 43, 119-130	20
217	Genomics, Physiology, and Molecular Breeding Approaches for Improving Salt Tolerance. 2017 , 68, 405-434	194
216	Comparative performance of $\delta^{13}C$, ion accumulation and agronomic parameters for phenotyping durum wheat genotypes under various irrigation water salinities. 2017 , 170, 229-239	6
215	Development of intron targeting (IT) markers specific for chromosome arm 4VS of Haynaldia villosa by chromosome sorting and next-generation sequencing. 2017 , 18, 167	17
214	High-throughput mining of E-genome-specific SNPs for characterizing Thinopyrum elongatum introgressions in common wheat. 2017 , 17, 1318-1329	14
213	Overexpression of ERF96, a small ethylene response factor gene, enhances salt tolerance in Arabidopsis. 2017 , 61, 693-701	15
212	RNAseq analysis reveals pathways and candidate genes associated with salinity tolerance in a spaceflight-induced wheat mutant. 2017 , 7, 2731	45
211	Marker assisted selection (MAS) towards generating stress tolerant crop plants. 2017 , 11, 205-218	8
210	Comparative germination responses to water potential across different populations of Aegilops geniculata and cultivar varieties of Triticum durum and Triticum aestivum. 2017 , 19, 165-171	8
209	Biotechnological characterization of a diverse set of wheat progenitors (Aegilops sp. and Triticum sp.) using callus culture parameters. 2017 , 15, 45-50	5
208	Cloning and functional characterization of HKT1 and AKT1 genes of Fragaria spp.-Relationship to plant response to salt stress. 2017 , 210, 9-17	24

207	Molecular cytogenetic characterization and phenotypic evaluation of new wheat lines derived from hexaploid triticale \times common wheat hybrids. 2017 , 136, 809-819	2
206	Salt tolerance response revealed by RNA-Seq in a diploid halophytic wild relative of sweet potato. 2017 , 7, 9624	15
205	Salix species variation in leaf gas exchange, sodium, and nutrient parameters at three levels of salinity. 2017 , 47, 1045-1055	7
204	A comparative analysis of cytosolic Na ⁺ changes under salinity between halophyte quinoa (Chenopodium quinoa) and glycophyte pea (Pisum sativum). 2017 , 141, 154-160	20
203	Salt stress reveals differential physiological, biochemical and molecular responses in and wheat genotypes. 2017 , 23, 517-528	15
202	Differences in dry matter production, grain production, and photosynthetic rate in barley cultivars under long-term salinity. 2017 , 20, 288-299	8
201	Back into the wild-Apply untapped genetic diversity of wild relatives for crop improvement. 2017 , 10, 5-24	193
200	Photosynthetic responses of a wheat (Asakaze)-barley (Manas) 7H addition line to salt stress. 2017 , 55, 317-328	6
199	Production and Molecular Cytogenetic Characterization of a Durum Wheat-Thinopyrum elongatum 7E Disomic Addition Line with Resistance to Fusarium Head Blight. 2017 , 153, 165-173	4
198	A major QTL on chromosome 7HS controls the response of barley seedling to salt stress in the Nure \times Tremois population. 2017 , 18, 79	9
197	Durum Wheat Roots Adapt to Salinity Remodeling the Cellular Content of Nitrogen Metabolites and Sucrose. 2016 , 7, 2035	85
196	Pentaploid Wheat Hybrids: Applications, Characterisation, and Challenges. 2017 , 8, 358	18
195	vs. Abiotic Stress: Focus on Drought and Salt Stress, Recent Insights and Perspectives. 2017 , 8, 1214	72
194	Addition of U and M Chromosomes Affects Protein and Dietary Fiber Content of Wholemeal Wheat Flour. 2017 , 8, 1529	27
193	Rapid Development and Characterization of Chromosome Specific Translocation Line of with Improved Dough Strength. 2017 , 8, 1593	9
192	Variation in shoot tolerance mechanisms not related to ion toxicity in barley. 2017 , 44, 1194-1206	23
191	Molecular cytogenetic (FISH) and genome analysis of diploid wheatgrasses and their phylogenetic relationship. 2017 , 12, e0173623	26
190	Improved salt tolerance in a wheat stay-green mutant tasg1. 2018 , 40, 1	8

189	Interspecific and intergeneric hybridization as a source of variation for wheat grain quality improvement. 2018 , 131, 225-251	30
188	Genetic and environmental variation of seed weight in <i>Trichloris</i> species (Chloridoideae, Poaceae) and its association with seedling stress tolerance. 2018 , 11, 173-184	7
187	Allelic variations and differential expressions detected at quantitative trait loci for salt stress tolerance in wheat. 2018 , 41, 919-935	62
186	Comprehensive evaluating of wild and cultivated emmer wheat (<i>Triticum turgidum</i> L.) genotypes response to salt stress. 2018 , 84, 261-273	11
185	The landscape of molecular mechanisms for salt tolerance in wheat. 2018 , 6, 42-47	29
184	Expression pattern of salt tolerance-related genes in. 2018 , 24, 61-73	14
183	Identification of COS markers specific for <i>Thinopyrum elongatum</i> chromosomes preliminary revealed high level of macrosyntenic relationship between the wheat and <i>Th. elongatum</i> genomes. 2018 , 13, e0208840	7
182	Morpho-physiological responses of tall wheatgrass populations to different levels of water stress. 2018 , 13, e0209281	9
181	Compensation Ability between the Chromosomes of Homoeologous Group 7 of <i>Triticum aestivum</i> L. and <i>Hordeum marinum</i> ssp. <i>gussoneanum</i> Hudson (2n = 28) and Analysis of the Transmission Frequency of Alien 7H1Lmar Chromosome through Gametes in the Progeny of Wheat-Barley Substitution Lines. 2018 , 54, 1050-1058	1
180	Morpho-physiological and proteomic responses of <i>Aegilops tauschii</i> to imposed moisture stress. 2018 , 132, 445-452	12
179	<i>Tritopyrum</i> (<i>Triticum durum</i> × <i>Thinopyrum bessarabicum</i>) might be able to provide an economic and stable solution against the soil salinity problem. 2018 , 12, 1159-1168	0
178	Transcriptome analysis reveals complex response of the medicinal/ornamental halophyte <i>Iris halophila</i> Pall. to high environmental salinity. 2018 , 165, 250-260	14
177	Abiotic Stress and Metabolomics. 2018 , 61-85	12
176	Genetic and Genomic Tools to Assist Sugar Beet Improvement: The Value of the Crop Wild Relatives. 2018 , 9, 74	22
175	Salinity is a prevailing factor for amelioration of wheat blast by biocontrol agents. 2018 , 125, 81-89	6
174	Na ⁺ extrusion from the cytosol and tissue-specific Na ⁺ sequestration in roots confer differential salt stress tolerance between durum and bread wheat. <i>Journal of Experimental Botany</i> , 2018 , 69, 3987-4001	46
173	Metabolomic and transcriptomic analyses reveal the reasons why <i>Hordeum marinum</i> has higher salt tolerance than <i>Hordeum vulgare</i> . 2018 , 156, 48-61	24
172	<i>Hordeum vulgare</i> and <i>Hordeum maritimum</i> respond to extended salinity stress displaying different temporal accumulation pattern of metabolites. 2018 , 45, 1096-1109	56

171	Screening wild progenitors of wheat for salinity stress at early stages of plant growth: insight into potential sources of variability for salinity adaptation in wheat. 2018 , 69, 649	18
170	Osmotic stress enhances suberization of apoplastic barriers in barley seminal roots: analysis of chemical, transcriptomic and physiological responses. 2019 , 221, 180-194	47
169	Transcriptomic analysis of <i>Aegilops tauschii</i> during long-term salinity stress. 2019 , 19, 13-28	17
168	Potassium Transporter Is Essential for K Preservation in , A Salt-Resistant Desert Shrub. 2019 , 10,	6
167	A Review of Soil-Improving Cropping Systems for Soil Salinization. 2019 , 9, 295	73
166	Response of the Durum Wheat Cultivar Um Qais (<i>Triticum turgidum</i> subsp. durum) to Salinity. 2019 , 9, 135	5
165	Genetic sources for the development of salt tolerance in crops. 2019 , 89, 1-17	24
164	Transcriptomic and alternative splicing analyses reveal mechanisms of the difference in salt tolerance between barley and rice. 2019 , 166, 103810	13
163	Progress in tetraploid wheat breeding through the use of synthetic hexaploid amphiploids. 2019 , 47, 157-169	1
162	Discovery of powdery mildew resistance gene candidates from <i>Aegilops biuncialis</i> chromosome 2Mb based on transcriptome sequencing. 2019 , 14, e0220089	6
161	Bread Wheat With High Salinity and Sodicity Tolerance. 2019 , 10, 1280	49
160	Sustainable wheat (<i>L.</i>) production in saline fields: a review. 2019 , 39, 999-1014	39
159	Identification of qPHS.sicau-1B and qPHS.sicau-3D from synthetic wheat for pre-harvest sprouting resistance wheat improvement. 2019 , 39, 1	7
158	Nucleotide diversity patterns at the DREB1 transcriptional factor gene in the genome donor species of wheat (<i>Triticum aestivum</i> L). 2019 , 14, e0217081	1
157	Multi-dimensional evaluation of response to salt stress in wheat. 2019 , 14, e0222659	22
156	Domestication influences morphological and physiological responses to salinity in seedlings. 2019 , 11, plz046	3
155	An Update of Recent Use of Species in Wheat Breeding. 2019 , 10, 585	58
154	Molecular and Biotechnological Tools in Developing Abiotic Stress Tolerance in Wheat. 2019 , 283-341	1

153	Salt Stress Responses and Tolerance in Wheat. 2019 , 89-127	1
152	Acclimation improves salinity tolerance capacity of pea by modulating potassium ions sequestration. 2019 , 254, 193-198	5
151	Breeding strategies for structuring salinity tolerance in wheat. 2019 , 155, 121-187	32
150	Increasing Salinity Tolerance of Crops. 2019 , 245-267	1
149	Broadening the bread wheat D genome. 2019 , 132, 1295-1307	15
148	Advances in mechanisms of drought tolerance in crops, with emphasis on barley. 2019 , 156, 265-314	19
147	Unlocking the Genetic Diversity and Population Structure of a Wild Gene Source of Wheat, , and Its Relationship With the Heading Time. 2019 , 10, 1531	7
146	Developing a High-Throughput SNP-Based Marker System to Facilitate the Introgression of Traits From Species Into Bread Wheat (). 2018 , 9, 1993	14
145	Advances in Rice Research for Abiotic Stress Tolerance. 2019 , 585-614	10
144	Comparative analysis of salt impact on sea barley from semi-arid habitats in Tunisia and cultivated barley with special emphasis on reserve mobilization and stress recovery aptitude. 2020 , 154, 544-552	4
143	Different proline responses of two Algerian durum wheat cultivars to in vitro salt stress. 2020 , 42, 1	13
142	Seminal roots of wild and cultivated barley differentially respond to osmotic stress in gene expression, suberization, and hydraulic conductivity. 2020 , 43, 344-357	21
141	Production of synthetic wheat lines to exploit the genetic diversity of emmer wheat and D genome containing Aegilops species in wheat breeding. 2020 , 10, 19698	2
140	Improving crop salt tolerance using transgenic approaches: An update and physiological analysis. 2020 , 43, 2932-2956	27
139	Morphological and physiological traits reveal differential salinity tolerance of two contrasting Glandularia cultivars. 2020 , 32, 231-241	1
138	Novel Sources of Variation in Grain Yield, Components and Mineral Traits Identified in Wheat Amphidiploids Derived from Thinopyrum bessarabicum (Savul. & Rayss) [L.] (Poaceae) under Saline Soils in India. 2020 , 12, 8975	
137	Halophile wheatgrass Thinopyrum elongatum (Host) D.R. Dewey (Poaceae) in three Apulian coastal wetlands: vegetation survey and genetic diversity. 2020 , 1-15	5
136	Induced in vitro adaptation for salt tolerance in date palm (Phoenix dactylifera L.) cultivar Khalas. 2020 , 53, 37	7

135	Genetic basis of ion exclusion in salinity stressed wheat: implications in improving crop yield. 2020 , 92, 479-496	14
134	QTL mapping for stripe rust and powdery mildew resistance in <i>Triticum durum</i> × <i>Aegilops speltoides</i> backcross introgression lines. 2020 , 18, 211-221	4
133	The effect of a perennial wheat and lucerne biculture diet on feed intake, growth rate and carcass characteristics of Australian lambs. 2020 , 192, 106235	10
132	Drought Stress Tolerance and Photosynthetic Activity of Alloplasmic Lines x. 2020 , 21,	6
131	Molecular Cytogenetic Identification of Wheat- 5M Disomic Addition Line with Tenacious and Black Glumes. 2020 , 21,	3
130	Long-term somatic memory of salinity unveiled from physiological, biochemical and epigenetic responses in two contrasting rice genotypes. 2020 , 170, 248-268	8
129	Use of QTL in Developing Stress Tolerance in Agronomic Crops. 2020 , 527-556	3
128	Scale development and utilization of universal PCR-based and high-throughput KASP markers specific for chromosome arms of rye (<i>Secale cereale</i> L.). 2020 , 21, 206	7
127	Salt tolerance in Argentine wheatgrass is related to shoot sodium exclusion. 2020 , 60, 2437-2451	0
126	Use of Plant Antimicrobial Peptides in in vitro Embryogenic Cultures of <i>Larix sibirica</i> . 2020 , 47, 225-236	
125	Reverse introduction of two- and six-rowed barley lines from the United States into Egypt. 2020 , 60, 812-829	0
124	Exploiting the genome of <i>Thinopyrum elongatum</i> to expand the gene pool of hexaploid wheat. 2020 , 133, 2213-2226	8
123	Accession difference in leaf photosynthesis, root hydraulic conductance and gene expression of root aquaporins under salt stress in barley seedlings. 2021 , 24, 73-82	3
122	Physiological and molecular responses of wheat plants to mycorrhizal and epibrassinolide interactions under salinity. 2021 , 155, 1075-1080	
121	Morpho-physiological, biochemical and isotopic response of tall wheatgrass populations to salt stress. 2021 , 207, 236-248	1
120	Molecular diversity analysis of genotypes from four <i>Aegilops</i> species based on retrotransposon-microsatellite amplified polymorphism (REMAP) markers. 2021 , 49, 37-44	5
119	Ensuring Food Security of Arid Regions through Sustainable Cultivation of Halophytes. 2021 , 2191-2210	1
118	Assessment of genetic diversity among Iranian <i>Aegilops triuncialis</i> accessions using ISSR, SCot, and CDBP markers. 2021 , 19, 5	13

117	Morpho-physiological and gene expression responses of wheat by <i>Aegilops cylindrica</i> amphidiploids to salt stress. 2021 , 144, 619	4
116	Assessment of <i>Thinopyrum ponticum</i> (Podp.) Barkworth & D. R. Dewey accessions using universal rice primers and molecular cytogenetics. 2021 , 68, 1875-1888	2
115	Drought Tolerance in Some Field Crops: State of the Art Review. 2021 , 17-62	0
114	Uncovering candidate genes involved in photosynthetic capacity using unexplored genetic variation in Spring Wheat. 2021 , 19, 1537-1552	8
113	Diversity of Leaf Cuticular Transpiration and Growth Traits in Field-Grown Wheat and <i>Aegilops</i> Genetic Resources. 2021 , 11, 522	2
112	Effect of saline irrigation on plant water traits, photosynthesis and ionic balance in durum wheat genotypes. 2021 , 28, 2510-2517	7
111	Exploration of wheat wild relative diversity from Lahaul valley: a cold arid desert of Indian Himalayas. 1	8
110	Proteomic analysis of salt-responsive proteins in the leaves of two contrasting Tunisian barley landraces. 2021 , 95, 65-82	2
109	Contribution of functional genomics to identify the genetic basis of water-deficit tolerance in barley and the related molecular mechanisms. 2021 , 207, 913	2
108	One Hundred Candidate Genes and Their Roles in Drought and Salt Tolerance in Wheat. 2021 , 22,	5
107	Mapping QTL for seedling morphological and physiological traits under normal and salt treatments in a RIL wheat population. 2021 , 134, 2991-3011	0
106	Genetic Diversity and Synergistic Modulation of Salinity Tolerance Genes in <i>Coss</i> . 2021 , 10,	1
105	Hybridization of wheat and <i>Aegilops cylindrica</i> : development, karyomorphology, DNA barcoding and salt tolerance of the amphidiploids. 1	1
104	Potential of Wild Relatives of Wheat: Ideal Genetic Resources for Future Breeding Programs. 2021 , 11, 1656	5
103	Revealing the genetic diversity and population structure in <i>Aegilops crassa</i> and <i>Aegilops cylindrica</i> species using molecular markers and physio-chemical traits. 1	
102	Effects of Salinity Stress on Chloroplast Structure and Function. 2021 , 10,	18
101	Tissue-Specific Proteome and Subcellular Microscopic Analyses Reveal the Effect of High Salt Concentration on Actin Cytoskeleton and Vacuolization in Aleurone Cells during Early Germination of Barley. 2021 , 22,	0
100	Into the weeds: new insights in plant stress. 2021 , 26, 1050-1060	1

99	The Potentials of African Neglected and Orphan Crops in Augmentation of African Food Security. 2021 , 43-62	
98	Contribution of Landraces in Wheat Breeding. 2021 , 215-258	1
97	Genomics of Tolerance to Abiotic Stress in the Triticeae. 2009 , 481-558	5
96	Dissecting Qtls For Tolerance to Drought and Salinity. 2007 , 381-411	7
95	Recent Advances in Breeding Wheat for Drought and Salt Stresses. 2007 , 565-585	18
94	Encyclopedia of Sustainability Science and Technology. 2019 , 1-24	1
93	Broadening the Genetic Diversity of Bread Wheat Using Alien Germplasm: Emphasis on Disease Resistance. 2016 , 107-120	2
92	Potassium and Potassium-Permeable Channels in Plant Salt Tolerance. 2010 , 87-110	25
91	Introduction. 2016 , 1-8	1
90	Deep soil exploration vs. topsoil exploitation: distinctive rooting strategies between wheat landraces and wild relatives. 2021 , 459, 397-421	10
89	Addition of <i>Aegilops biuncialis</i> chromosomes 2M or 3M improves the salt tolerance of wheat in different way. 2020 , 10, 22327	4
88	Drought and salt tolerances in wild relatives for wheat and barley improvement. 2010 ,	1
87	Wheatgrass and Wildrye Grasses (Triticeae). 2009 , 41-79	6
86	Genetic Factors Affecting Abiotic Stress Tolerance in Crops. 2016 , 833-880	7
85	Salinity tolerance and sodium exclusion in genus <i>Triticum</i> . 2009 , 59, 671-678	34
84	Chromosome isolation by flow sorting in <i>Aegilops umbellulata</i> and <i>Ae. comosa</i> and their allotetraploid hybrids <i>Ae. biuncialis</i> and <i>Ae. geniculata</i> . 2011 , 6, e27708	37
83	Syntenic relationships between the U and M genomes of <i>Aegilops</i> , wheat and the model species <i>Brachypodium</i> and rice as revealed by COS markers. 2013 , 8, e70844	28
82	Quantitative proteomic analysis of the rice (<i>Oryza sativa</i> L.) salt response. 2015 , 10, e0120978	32

81	Quantitative Trait Loci for Salinity Tolerance Identified under Drained and Waterlogged Conditions and Their Association with Flowering Time in Barley (<i>Hordeum vulgare</i> . L). 2015 , 10, e0134822	21
80	Production and Identification of Wheat-Agropyron cristatum 2P Translocation Lines. 2016 , 11, e0145928	21
79	Hybridization potential Aegilops sp. / durum wheat: which interest for the genetic breeding of the drought tolerance?. 2019 , 113, 83	1
78	Tissue damage to wheat seedlings (<i>Triticum aestivum</i>) under salt exposure. 2020 , 5, 395-407	1
77	Identification of ecogeographical gaps in the Spanish collections with potential tolerance to drought and salinity. 2017 , 5, e3494	7
76	Comparative assessment of SCoT and ISSR markers for analysis of genetic diversity and population structure in some Aegilops tauschii Coss. accessions. 1-9	1
75	Responses of Cereal Plants to Environmental and Climate Changes [A Review]. 2009 , 91-119	1
74	Encyclopedia of Sustainability Science and Technology. 2012 , 5315-5331	
73	Physiological study of Indian wheat varieties (<i>Triticum aestivum</i> L.). 2016 , 11, 122-126	
72	Plant Stress Physiology: Physiological and Biochemical Strategies Allowing Plants/Crops to Thrive under Ionic Stress. 2016 , 1081-1124	
71	Statistical Analysis of Yields and its Component of Seeds Resulted from Early Crosses of wheat Cultivars under Salinity Conditions. 2017 , 9, 56-66	1
70	Investigation of the Genetic Diversity of Iranian Bread Wheat Germplasm for Tolerance to Saline Stress. 2018 , 10, 173-184	1
69	Olive cuttings survival influences with saline water irrigation. 2018 , 2,	
68	Mapping of Tolerant Salinity QTLs in the Progeny of Gaspard and Kharchia Cultivars in Bread Wheat. 2018 , 10, 125-132	
67	Discovery of powdery mildew resistance gene candidates from Aegilops biuncialis chromosome 2Mb based on transcriptome sequencing.	
66	Ensuring Food Security of Arid Regions through Sustainable Cultivation of Halophytes. 2020 , 1-21	
65	Morpho-physiological and gene expression responses of wheat by Aegilops cylindrica amphidiploids to salt stress.	0
64	Uncovering candidate genes involved in photosynthetic capacity using unexplored genetic variation in Spring Wheat.	1

63	Transcriptome based identification and validation of heat stress transcription factors in wheat progenitor species <i>Aegilops speltoides</i> . 2021 , 11, 22049	4
62	Salinity tolerance mechanisms and their breeding implications. 2021 , 19, 173	5
61	Genetic, Epigenetic, Genomic and Microbial Approaches to Enhance Salt Tolerance of Plants: A Comprehensive Review.. 2021 , 10,	2
60	Rewilding staple crops for the lost halophytism: Toward sustainability and profitability of agricultural production systems.. 2021 ,	1
59	Potassium Role in Plants Response to Abiotic Stresses. 2022 , 15-39	0
58	Crosstalk of Potassium and Phytohormones Under Abiotic Stress. 2022 , 89-110	
57	Uncovering the Iranian wheat landraces for salinity stress tolerance at early stages of plant growth. 1	0
56	Screening of Salt-Tolerant Under Two Coastal Region Salinity Stress Levels.. 2022 , 13, 832013	1
55	Exotic alleles contribute to heat tolerance in wheat under field conditions.	1
54	Channelizing Novel Diversity Through Synthetics for Wheat Improvement. 2022 , 565-621	
53	Evolutionary Significance of NHX Family and NHX1 in Salinity Stress Adaptation in the Genus .. 2022 , 23,	1
52	Identification of New QTLs for Dietary Fiber Content in .. 2022 , 23,	1
51	Identification and Characterization of Wheat- 7M (7A) Disomic Substitution Lines with Stripe Rust and Powdery Mildew Resistance.. 2022 ,	
50	Production of new wheat <i>A. cristatum</i> translocation lines with modified chromosome 2P coding for powdery mildew and leaf rust resistance. 2022 , 42, 1	
49	Allele mining, evolutionary genetic analysis of TaHKT1;5 gene and evaluation of salinity stress in selected lines of wheat.	
48	Evaluation of Germination Responses on the Some Barley Genotypes under Saline Conditions. 2022 , 27, 99-108	
47	Evaluation of <i>Triticum durum</i> <i>Aegilops tauschii</i> derived primary synthetics as potential sources of drought stress tolerance for wheat improvement.	
46	Data_Sheet_1.xlsx. 2019 ,	

45 Data_Sheet_2.xlsx. **2019,**

44 Data_Sheet_3.xlsx. **2019,**

43 Data_Sheet_4.xlsx. **2019,**

42 Table_1.docx. **2019,**

41 Image_1.JPEG. **2019,**

40 Image_2.JPEG. **2019,**

39 Image_3.jpg. **2019,**

38 Image_4.jpg. **2019,**

37 Image_5.JPEG. **2019,**

36 Image_6.JPEG. **2019,**

35 DataSheet_1.xlsx. **2019,**

34 DataSheet_2.docx. **2019,**

33 Table_1.docx. **2019,**

32 Table_2.docx. **2019,**

31 Table_3.docx. **2019,**

30 Wheat Breeding. **2022,** 39-111

29 Multiple Genes (SOS, HKT, TVP) Expression in Two Contrasting Bread Wheat (*Triticum aestivum* L.), Cultivars on In Vitro Saline Stress Conditions. **2022,** 635-642

28 Harnessing Genetic Diversity for Addressing Wheat-based Time Bound Food Security Projections. **2022,** 160-288

27	Effects of Increasing Salinity by Drip Irrigation on Total Grain Weight Show High Yield Potential of Putative Salt-Tolerant Mutagenized Wheat Lines. 2022 , 14, 5061	0
26	Molecular Cytogenetic Identification of a New Wheat-Rye 6R Addition Line and Physical Localization of Its Powdery Mildew Resistance Gene. 2022 , 13,	0
25	Ecophysiological Responses of Tall Wheatgrass Germplasm to Drought and Salinity. 2022 , 11, 1548	1
24	Barley with Improved Drought Tolerance: Challenges and Perspectives. 2022 , 104965	2
23	Establishment of a set of wheat-rye addition lines with resistance to stem rust. 2022 , 135, 2469-2480	0
22	Strategies for utilization of crop wild relatives in plant breeding programs.	1
21	Natural variation in growth and leaf ion homeostasis in response to salinity stress in <i>Panicum hallii</i> . 13,	1
20	Adaptive mechanisms of tall wheatgrass to salinity and alkalinity stress.	0
19	Emerging Technological Frameworks for the Sustainable Agriculture and Environmental Management. 2022 , 3, 100026	1
18	Biotechnological Advances to Improve Abiotic Stress Tolerance in Crops. 2022 , 23, 12053	1
17	Transcriptome responses to salt stress in roots and leaves of <i>Lilium pumilum</i> . 2023 , 309, 111622	0
16	Improving Wheat Salt Tolerance for Saline Agriculture. 2022 , 70, 14989-15006	0
15	Exotic alleles contribute to heat tolerance in wheat under field conditions. 2023 , 6,	0
14	The Use of Genetic Material of Tall Wheatgrass to Protect Common Wheat from Septoria Blotch in Western Siberia. 2023 , 13, 203	0
13	Disomic Substitution of 3D Chromosome with Its Homoeologue 3E in Tetraploid <i>Thinopyrum elongatum</i> Enhances Wheat Seedlings Tolerance to Salt Stress. 2023 , 24, 1609	0
12	Marker-assisted breeding for abiotic stress tolerance in wheat crop. 2023 , 51-65	0
11	Mitigation of abiotic stress tolerance in wheat through conventional breeding. 2023 , 15-32	0
10	A chromosome arm from <i>Thinopyrum intermedium</i> \times <i>Thinopyrum ponticum</i> hybrid confers increased tillering and yield potential in wheat.	0

- 9 The Response of Chromosomally Engineered Durum Wheat-*Thinopyrum ponticum* Recombinant Lines to the Application of Heat and Water-Deficit Stresses: Effects on Physiological, Biochemical and Yield-Related Traits. **2023**, 12, 704 ○
- 8 Combined abiotic stresses in wheat species. **2023**, 273-282 1
- 7 Comparative Analysis of Morphological, Physiological, Anatomic and Biochemical Responses in Relatively Sensitive *Zinnia elegans* Zinnita Scarlet and Relatively Tolerant *Zinnia marylandica* Double Zahara Fire Improved Under Saline Conditions. **2023**, 9, 247 ○
- 6 Comparative transcriptome responses of leaf and root tissues to salt stress in wheat strains with different salinity tolerances. 14, ○
- 5 Crop root system plasticity for improved yields in saline soils. 14, ○
- 4 Ethnic Aspects of Halophytes and Importance in the Economy. **2023**, 173-197 ○
- 3 Salt-Tolerant Crops: Time to Deliver. **2023**, 74, ○
- 2 Variation in the tonoplast cadmium transporter heavy metal ATPase 3 (HMA3) homolog gene in *Aegilops tauschii*. **2023**, 18, e0279707 ○
- 1 Asymmetric auxin distribution establishes a contrasting pattern of aerenchyma formation in the nodal roots of *Zea nicaraguensis* during gravistimulation. 14, ○