Akhtar Ali

List of Publications by Year
in descending order

24 papers	850 citations	687363 13 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	1070 citing authors

#	Article	IF	Citations
1	TsHKT1;2, a HKT1 Homolog from the Extremophile Arabidopsis Relative <i>Thellungiella salsuginea</i>, Shows K+ Specificity in the Presence of NaCl Â Â. Plant Physiology, 2012, 158, 1463-1474.	4.8	161
2	A Single Amino-Acid Substitution in the Sodium Transporter HKT1 Associated with Plant Salt Tolerance. Plant Physiology, 2016, 171, 2112-2126.	4.8	93
3	Role and Functional Differences of HKT1-Type Transporters in Plants under Salt Stress. International Journal of Molecular Sciences, 2019, 20, 1059.	4.1	78
4	Desensitization of ABA-Signaling: The Swing From Activation to Degradation. Frontiers in Plant Science, 2020, 11, 379.	3.6	69
5	Rheostatic Control of ABA Signaling through HOS15-Mediated OST1 Degradation. Molecular Plant, 2019, 12, 1447-1462.	8.3	58
6	Phytochemical analysis and antidiabetic potential of Elaeagnus umbellata (Thunb.) in streptozotocin-induced diabetic rats: pharmacological and computational approach. BMC Complementary and Alternative Medicine, 2018, 18, 332.	3.7	50
7	HKT sodium and potassium transporters in <i>Arabidopsis thaliana</i> and related halophyte species. Physiologia Plantarum, 2021, 171, 546-558.	5.2	50
8	Salt stress tolerance; what do we learn from halophytes?. Journal of Plant Biology, 2017, 60, 431-439.	2.1	45
9	PWR/HDA9/ABI4 Complex Epigenetically Regulates ABA Dependent Drought Stress Tolerance in Arabidopsis. Frontiers in Plant Science, 2020, 11, 623.	3.6	43
10	The High-Affinity Potassium Transporter EpHKT1;2 From the Extremophile Eutrema parvula Mediates Salt Tolerance. Frontiers in Plant Science, 2018, 9, 1108.	3.6	42
11	The Histone-Modifying Complex PWR/HOS15/HD2C Epigenetically Regulates Cold Tolerance. Plant Physiology, 2020, 184, 1097-1111.	4.8	32
12	Role of HKT1 in<i><i>Thellungiella salsugine</i>a</i>, a model extremophile plant. Plant Signaling and Behavior, 2013, 8, e25196.	2.4	31
13	The Auxin Signaling Repressor IAA8 Promotes Seed Germination Through Down-Regulation of ABI3 Transcription in Arabidopsis. Frontiers in Plant Science, 2020, 11, 111.	3.6	30
14	Arabidopsis NHX Transporters: Sodium and Potassium Antiport Mythology and Sequestration During Ionic Stress. Journal of Plant Biology, 2018, 61, 292-300.	2.1	12
15	Arabidopsis HOS15 is a multifunctional protein that negatively regulate ABA-signaling and drought stress. Plant Biotechnology Reports, 2020, 14, 163-167.	1.5	11
16	HOS15-PWR chromatin remodeling complex positively regulates cold stress in Arabidopsis. Plant Signaling and Behavior, 2021, 16, 1893978.	2.4	10
17	Differential selection of sodium and potassium ions by TsHKT1;2. Plant Signaling and Behavior, 2016, 11, e1206169.	2.4	9
18	HOS15: A missing link that fine-tunes ABA signaling and drought tolerance in <i>Arabidopsis</i>. Plant Signaling and Behavior, 2020, 15, 1770964.	2.4	7

#	Article	IF	Citations
19	The Transcriptional Corepressor HOS15 Mediates Dark-Induced Leaf Senescence in Arabidopsis. Frontiers in Plant Science, 2022, 13, 828264.	3.6	7
20	Chromatin remodeling complex HDA9-PWR-ABI4 epigenetically regulates drought stress response in plants. Plant Signaling and Behavior, 2020, 15, 1803568.	2.4	5
21	Distributions of Invasive Weed Parthenium (Parthenium hysterophorus L.) in the University Campus Peshawar, Pakistan. European Journal of Experimental Biology, 2018, 08, .	0.3	4
22	Non-Expresser of PR-Genes 1 Positively Regulates Abscisic Acid Signaling in ArabidopsisÂthaliana. Plants, 2022, 11, 815.	3.5	3
23	ABAting the Response: A Novel ABA Signal Terminator that Disrupts the Hormone Co-receptor Complex. Molecular Plant, 2020, 13, 1241-1243.	8.3	0
24	CaÐ¡l2 Salt Signaling in Primary Root Architecture and Lateral Root Emergence in Arabidopsis thaliana. Russian Journal of Plant Physiology, 2020, 67, 515-520.	1.1	0