Pankaj Kumar

List of Publications by Year
in descending order

15	238	1307594 7	1125743 13
papers	citations	h-index	g-index

16	16	16	230
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of EMS-induced mutation population for amylose and resistant starch variation in bread wheat (Triticum aestivum) and identification of candidate genes responsible for amylose variation. BMC Plant Biology, 2016, 16, 217.	3.6	54
2	Comparative Analysis of Phenolic Compound Characterization and Their Biosynthesis Genes between Two Diverse Bread Wheat (Triticum aestivum) Varieties Differing for Chapatti (Unleavened Flat Bread) Quality. Frontiers in Plant Science, 2016, 7, 1870.	3.6	48
3	Expression patterns of genes involved in starch biosynthesis during seed development in bread wheat (Triticum aestivum). Molecular Breeding, 2015, 35, 1.	2.1	32
4	Pivotal role of bZIPs in amylose biosynthesis by genome survey and transcriptome analysis in wheat (Triticum aestivum L.) mutants. Scientific Reports, 2018, 8, 17240.	3.3	30
5	Large-scale identification and characterization of phenolic compounds and their markerâ€“trait association in wheat. Euphytica, 2020, 216, 1.	1.2	12
6	Novel intron length polymorphic (ILP) markers from starch biosynthesis genes reveal genetic relationships in Indian wheat varieties and related species. Molecular Biology Reports, 2020, 47, 3485-3500.	2.3	12
7	Genome-wide identification and expression profiling of basic leucine zipper transcription factors following abiotic stresses in potato (Solanum tuberosum L.). PLoS ONE, 2021, 16, e0247864.	2.5	9
8	Development and characterization of bZIP transcription factor based SSRs in wheat. Gene, 2020, 756, 144912.	2.2	8
9	Genome-wide analysis of RING-type E3 ligase family identifies potential candidates regulating high amylose starch biosynthesis in wheat (Triticum aestivum L.). Scientific Reports, 2021, 11, 11461.	3.3	8
10	Marker-trait association identified candidate starch biosynthesis pathway genes for starch and amyloseâ€“lipid complex gelatinization in wheat (Triticum aestivum L.). Euphytica, 2020, 216, 1.	1.2	7
11	Enhancement of chlorogenic content of the eggplant fruit with eggplant hydroxycinnamoyl CoA-quinate transferase gene via novel agroinfiltration protocol. Pharmacognosy Magazine, 2020, 16, 450.	0.6	6
12	Understanding the regulatory relationship of abscisic acid and bZIP transcription factors towards amylose biosynthesis in wheat. Molecular Biology Reports, 2021, 48, 2473-2483.	2.3	5
13	Unraveling novel and rare mutations for alpha-amylase and key transcription factors in EMS-induced wheat mutants for amylose by TILLING. Molecular Biology Reports, 2022, , 1.	2.3	2
14	Resistant starch: biosynthesis, regulatory pathways, and engineering via CRISPR system. , 2021, , 303-317.		1
15	OsMATE6 gene putatively involved in host defense response toward susceptibility against Rhizoctonia solani in rice. Journal of Plant Interactions, 2022, 17, 744-755.	2.1	0