

# Jan Bartoň

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4385150/publications.pdf>

Version: 2024-02-01

12  
papers

2,695  
citations

1307594

7  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

3698  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shifting the limits in wheat research and breeding using a fully annotated reference genome. <i>Science</i> , 2018, 361, .	12.6	2,424
2	A first survey of the rye ( <i>Secale cereale</i> ) genome composition through BAC end sequencing of the short arm of chromosome 1R. <i>BMC Plant Biology</i> , 2008, 8, 95.	3.6	106
3	Ph2 encodes the mismatch repair protein MSH7-3D that inhibits wheat homoeologous recombination. <i>Nature Communications</i> , 2021, 12, 803.	12.8	49
4	Evolutionary loss of light-harvesting proteins Lhcb6 and Lhcb3 in major land plant groups –“break-up of current dogma. <i>New Phytologist</i> , 2016, 210, 808-814.	7.3	40
5	Sequence of the supernumerary B chromosome of maize provides insight into its drive mechanism and evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	25
6	Reciprocal allopolyploid grasses ( <i>Festuca</i> – <i>Lolium</i> ) display stable patterns of genome dominance. <i>Plant Journal</i> , 2021, 107, 1166-1182.	5.7	14
7	Development of Deletion Lines for Chromosome 3D of Bread Wheat. <i>Frontiers in Plant Science</i> , 2020, 10, 1756.	3.6	10
8	Towards spruce-type photosystem II: consequences of the loss of light-harvesting proteins LHCB3 and LHCB6 in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2021, 187, 2691-2715.	4.8	10
9	The B chromosome of <i>Sorghum purpureosericeum</i> reveals the first pieces of its sequence. <i>Journal of Experimental Botany</i> , 2021, 72, 1606-1616.	4.8	7
10	B Chromosomes in Genus <i>Sorghum</i> (Poaceae). <i>Plants</i> , 2021, 10, 505.	3.5	5
11	Genome Dominance in <i>Allium</i> Hybrids ( <i>A. cepa</i> – <i>A. roylei</i> ). <i>Frontiers in Plant Science</i> , 2022, 13, 854127.	3.6	4
12	Generation of Deletion Lines in Allohexaploid Bread Wheat. <i>Methods in Molecular Biology</i> , 2022, 2484, 183-199.	0.9	0