

# Andriy Bilichak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/220421/publications.pdf>

Version: 2024-02-01

18  
papers

370  
citations

1163117

8  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

515  
citing authors

#	ARTICLE	IF	CITATIONS
1	The elucidation of stress memory inheritance in <i>Brassica rapa</i> plants. <i>Frontiers in Plant Science</i> , 2015, 6, 5.	3.6	102
2	Transgenerational response to stress in plants and its application for breeding. <i>Journal of Experimental Botany</i> , 2016, 67, 2081-2092.	4.8	102
3	Genome editing in wheat microspores and haploid embryos mediated by delivery of ZFN proteins and cell-penetrating peptide complexes. <i>Plant Biotechnology Journal</i> , 2020, 18, 1307-1316.	8.3	39
4	Intracellular delivery of fluorescent protein into viable wheat microspores using cationic peptides. <i>Frontiers in Plant Science</i> , 2015, 6, 666.	3.6	30
5	Genetic Variation and Unintended Risk in the Context of Old and New Breeding Techniques. <i>Critical Reviews in Plant Sciences</i> , 2021, 40, 68-108.	5.7	20
6	Emerging Genome Engineering Tools in Crop Research and Breeding. <i>Methods in Molecular Biology</i> , 2020, 2072, 165-181.	0.9	18
7	Identification of BABY BOOM homolog in bread wheat. <i>Agri Gene</i> , 2018, 7, 43-51.	1.9	11
8	The genetics of <i>Cannabis</i> ’ genomic variations of key synthases and their effect on cannabinoid content. <i>Genome</i> , 2021, 64, 490-501.	2.0	9
9	<i>Arabidopsis thaliana</i> siRNA biogenesis mutants have the lower frequency of homologous recombination. <i>Plant Signaling and Behavior</i> , 2016, 11, e1151599.	2.4	8
10	The Combined Bisulfite Restriction Analysis (COBRA) Assay for the Analysis of Locus-Specific Changes in Methylation Patterns. <i>Methods in Molecular Biology</i> , 2017, 1456, 63-71.	0.9	7
11	Advances in Gene Editing of Haploid Tissues in Crops. <i>Genes</i> , 2021, 12, 1410.	2.4	7
12	Small RNA Library Preparation and Illumina Sequencing in Plants. <i>Methods in Molecular Biology</i> , 2017, 1456, 189-196.	0.9	4
13	Applications of CPPs in Genome Editing of Plants. <i>Methods in Molecular Biology</i> , 2022, 2383, 595-616.	0.9	4
14	Evaluation of Factors Affecting <i>In Planta</i> Gene Editing Efficiency in Wheat ( <i>Triticum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	2.3	3
15	Increasing a Stable Transformation Efficiency of <i>Arabidopsis</i> by Manipulating the Endogenous Gene Expression Using Virus-Induced Gene Silencing. <i>Methods in Molecular Biology</i> , 2017, 1456, 225-236.	0.9	2
16	Analysis of Global Genome Methylation Using the Cytosine-Extension Assay. <i>Methods in Molecular Biology</i> , 2017, 1456, 73-79.	0.9	2
17	Bioinformatics Analysis of Small RNA Transcriptomes: The Detailed Workflow. <i>Methods in Molecular Biology</i> , 2017, 1456, 197-224.	0.9	1
18	The Random Oligonucleotide-Primed Synthesis Assay for the Quantification of DNA Strand Breaks. <i>Methods in Molecular Biology</i> , 2017, 1456, 237-242.	0.9	1