

# Ali Mohammad Banaei-Moghaddam

## List of Publications by Citations

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**Version:** 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13 papers	561 citations	8 h-index	18 g-index
18 ext. papers	674 ext. citations	7.5 avg, IF	3.41 L-index

#	Paper	IF	Citations
13	Selfish supernumerary chromosome reveals its origin as a mosaic of host genome and organellar sequences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 13343-6	11.5	144
12	Evolution and biology of supernumerary B chromosomes. <i>Cellular and Molecular Life Sciences</i> , <b>2014</b> , 71, 467-78	10.3	102
11	Point mutation impairs centromeric CENH3 loading and induces haploid plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 11211-6	11.5	85
10	Formation and expression of pseudogenes on the B chromosome of rye. <i>Plant Cell</i> , <b>2013</b> , 25, 2536-44	11.6	65
9	High-copy sequences reveal distinct evolution of the rye B chromosome. <i>New Phytologist</i> , <b>2013</b> , 199, 550-558	9.8	60
8	Rye B chromosomes encode a functional Argonaute-like protein with in vitro slicer activities similar to its A chromosome paralog. <i>New Phytologist</i> , <b>2017</b> , 213, 916-928	9.8	40
7	The differential loading of two barley CENH3 variants into distinct centromeric substructures is cell type- and development-specific. <i>Chromosome Research</i> , <b>2015</b> , 23, 277-84	4.4	35
6	Biology and Evolution of B Chromosomes <b>2013</b> , 149-165		18
5	EARN: an ensemble machine learning algorithm to predict driver genes in metastatic breast cancer. <i>BMC Medical Genomics</i> , <b>2021</b> , 14, 122	3.7	5
4	Beyond Taxonomic Analysis of Microbiomes: A Functional Approach for Revisiting Microbiome Changes in Colorectal Cancer. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 3117	5.7	3
3	Cancerous domains: comprehensive analysis of cancer type-specific recurrent somatic mutations in proteins and domains. <i>BMC Bioinformatics</i> , <b>2017</b> , 18, 370	3.6	2
2	Unraveling the molecular heterogeneity in type 2 diabetes: a potential subtype discovery followed by metabolic modeling. <i>BMC Medical Genomics</i> , <b>2020</b> , 13, 119	3.7	2
1	Regulation of photosynthesis and vegetative growth of plants by small RNAs <b>2020</b> , 247-275		