

# Akshaya Kumar Biswal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5101822/publications.pdf>

Version: 2024-02-01

17  
papers

906  
citations

933264

10  
h-index

996849

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1328  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rice with reduced stomatal density conserves water and has improved drought tolerance under future climate conditions. <i>New Phytologist</i> , 2019, 221, 371-384.	3.5	330
2	CRISPR-Cas9 and CRISPR-Cpf1 mediated targeting of a stomatal developmental gene EPFL9 in rice. <i>Plant Cell Reports</i> , 2017, 36, 745-757.	2.8	170
3	Simple sequence repeats in organellar genomes of rice: frequency and distribution in genic and intergenic regions. <i>Bioinformatics</i> , 2007, 23, 1-4.	1.8	99
4	Cereal flag leaf adaptations for grain yield under drought: knowledge status and gaps. <i>Molecular Breeding</i> , 2013, 31, 749-766.	1.0	70
5	Action of multiple intra-QTL genes concerted around a co-localized transcription factor underpins a large effect QTL. <i>Scientific Reports</i> , 2015, 5, 15183.	1.6	58
6	An Absolute Index (Ab-index) to Measure a Researcher's Useful Contributions and Productivity. <i>PLoS ONE</i> , 2013, 8, e84334.	1.1	33
7	CRISPR mediated genome engineering to develop climate smart rice: Challenges and opportunities. <i>Seminars in Cell and Developmental Biology</i> , 2019, 96, 100-106.	2.3	32
8	A Mitochondrial Repeat Specific Marker for Distinguishing Wild Abortive Type Cytoplasmic Male Sterile Rice Lines from their Cognate Isogenic Maintainer Lines. <i>Crop Science</i> , 2007, 47, 207-211.	0.8	24
9	Candidate regulators of Early Leaf Development in Maize Perturb Hormone Signalling and Secondary Cell Wall Formation When Constitutively Expressed in Rice. <i>Scientific Reports</i> , 2017, 7, 4535.	1.6	18
10	In silico analysis of microsatellites in organellar genomes of major cereals for understanding their phylogenetic relationships. <i>In Silico Biology</i> , 2008, 8, 87-104.	0.4	18
11	Novel Mutant Alleles Reveal a Role of the Extra-Large G Protein in Rice Grain Filling, Panicle Architecture, Plant Growth, and Disease Resistance. <i>Frontiers in Plant Science</i> , 2021, 12, 782960.	1.7	14
12	Globally Important Wheat Diseases: Status, Challenges, Breeding and Genomic Tools to Enhance Resistance Durability. , 2021, , 59-128.		12
13	Development and validation of class I SSR markers targeting (GATA) n repeat motifs in rice. <i>Euphytica</i> , 2009, 169, 263-271.	0.6	7
14	Role of Biotechnology in Rice Production. , 2017, , 487-547.		7
15	CRISPR-Cas9-Mediated Genome Editing of Rice Towards Better Grain Quality. <i>Methods in Molecular Biology</i> , 2019, 1892, 311-336.	0.4	7
16	The Nucleotide-Dependent Interactome of Rice Heterotrimeric G-Protein $\beta$ -Subunit. <i>Proteomics</i> , 2019, 19, 1800385.	1.3	6
17	Closer vein spacing by ectopic expression of nucleotide-binding and leucine-rich repeat proteins in rice leaves. <i>Plant Cell Reports</i> , 2022, 41, 319-335.	2.8	1