



Publons Peer Review Awards 2018

Publons, in accordance with the recommendation of the Managing Director, hereby recognize

Avinash Chandra Pandey

For placing in the top 1% of reviewers in
Plant & Animal Science

on Publons' global reviewer database, determined by the number of peer review reports performed during the 2017 - 2018 Award year.

Publons peer review awards honor the elite contributors to scholarly peer review and editorial pursuits internationally. Recipients have demonstrated an outstanding expert commitment to protecting the integrity and accuracy of published research in their field.



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of science and research

Dr. A.R.H. Preston, CEO, Publons.com

Avinash Chandra Pandey

<https://publons.com/a/1196077>

Awards on Publons

September 2018: Top reviewers in PLANT & ANIMAL SCIENCE

Publons Rankings

98th percentile of reviewers from Syngenta India Limited on Publons up until September 2018.

98th percentile of reviewers from International Rice Research Institute on Publons up until September 2018.

98th percentile of reviewers from National Bureau of Plant Genetic Resource, ICAR New Delhi, India on Publons up until September 2018.

98th percentile of reviewers from Indian Agricultural Research Institute on Publons up until September 2018.

98th percentile of reviewers from Central Rice Research Institute, Cuttack on Publons up until September 2018.

98th percentile of reviewers from Jawaharlal Nehru Agricultural University on Publons up until September 2018.

98th percentile of reviewers from National Botanical Research Institute, Lucknow on Publons up until September 2018.

98th percentile of reviewers from Bundelkhand University on Publons up until September 2018.

98th percentile of reviewers from VBS Purvanchal University on Publons up until September 2018.

99th percentile of reviewers in Agricultural and Biological Sciences (all) on Publons up until September 2018.

Peer Review Summary

Performed 134 reviews for journals including *Agronomy for Sustainable Development* and *Scientific Reports*; placing in the 98th percentile for verified review contributions on Publons up until September 2018.

★ 6 of these reviews were rated "Excellent" in quality by 2 different editors.

	3	Agronomy for Sustainable Development	
	2	Scientific Reports	
	2	Frontiers in Microbiology	
	1	International Journal of Molecular Sciences	★ (1 excellent review)
	19	Frontiers in Plant Science	★ (1 excellent review)
	3	Plos One	
	3	Gene	
	2	Molecular Breeding	
	2	Biochemical Genetics	
	1	Environmental Engineering Science	
	2	3 Biotech	
	9	Acta Physiologiae Plantarum	
	1	Agronomy	
	2	Physiological and Molecular Plant Pathology	
	7	Plant Breeding	
	1	Environmental Engineering and Management Journal	
	3	Journal of Integrative Agriculture	
	1	Journal of Environmental Biology	
	1	Journal of Genetics	
	1	Caryologia	
	2	Cereal Research Communications	

	2	Legume Research - An International Journal
	1	Journal of Crop Improvement
	1	Sabrao Journal of Breeding and Genetics
	2	Philippine Journal of Science
	1	Malaysian Applied Biology
	9	Current Plant Biology ★ (2 excellent reviews)
	1	Agrotechnology
	2	Bio-Protocol
	9	Advances in Crop Science and Technology
	1	Bio S ★ (1 excellent review)
	1	Journal of Biotechnology & Biomaterials
	14	Journal of Horticulture
	2	Journal of Applied and Natural Science
	1	Advances in Plants & Agriculture Research
	1	Biological Systems: Open Access
	1	Current Agriculture Research Journal
	5	Rice Research: Open Access
	1	Defence Life Science Journal
	3	International Journal of Plant Breeding and Crop Science
	3	Indian Journal Of Agricultural Research
	2	Open Biological Sciences Journal
	1	Journal of Plant Breeding and Genetics
	1	Journal of Intellectual Property Rights
	1	Journal of Advancements in Plant Science

Pre-Publication Review List

A list of the 50 most recent verified reviews up until September 2018.

	Sep 2018	Plos One	<i>Estimation of Physiological Genomic Estimated Breeding Values Combining full Hyperspectral and Marker Data Across Environments for Grain Yield Under Combined Heat and Drought Stress</i>
	Sep 2018	★ Current Plant Biology	<i>Profiling Bangladeshi Rice Diversity based on Grain size and amylose content using molecular markers</i>
	Sep 2018	Acta Physiologiae Plantarum	<i>Seed quality deterioration dynamics for isoflavones biosynthesis in soybean (Glycine max L. Merr.) seeds against field mildew stress</i>
	Aug 2018	Advances in Crop Science and Technology	<i>Influence of exogenous 6-benzylaminopurine on growth, physiological parameters, proximate content and mineral element composition of pot-grown solanecio bialfrae</i>
	Aug 2018	Journal of Biotechnology & Biomaterials	<i>Evolution of antagonistic of Trichoderma spp. against Fusarium oxysporum f. sp. lycopersici and Fusarium oxysporum f. sp. ciceri in vitro</i>
	Aug 2018	Physiological and Molecular Plant Pathology	<i>Study of biochemical and histopathological changes induced in the sweet pepper (Capsicum annuum L.) in response to Chilli leaf curl virus infection</i>
	Aug 2018	Acta Physiologiae Plantarum	<i>Dynamic changes of isoflavones biosynthesis in soybean (Glycine max L. Merr.) seeds against field mildew stress</i>
	Aug 2018	Caryologia	<i>Characterization of intraspecific hybrid in Clitoria ternatea (L.) using Cyto-morphological and molecular markers</i>
	Aug 2018	Gene	<i>Transcriptome sequencing of alpine ornamental plant Meconopsis 'Lingholm' flower of different anthesis process</i>
	Aug 2018	Scientific Reports	<i>Potential of the Oryza officinalis CC-genome to augment the cold tolerance genetic mechanisms of Oryza sativa AA-genome by network complementation</i>

-  Aug 2018 Current Agriculture Research Journal
Nitrogen and plant population effects on phenology and grain yield of maize (Zea mays L.)
-  Aug 2018 Journal of Environmental Biology
Study of phenotypic diversity of sorghum (Sorghum bicolor (L.) Moench) accessions cultivated in Algeria by using agro-morphological traits
-  Aug 2018 Plos One
Marker-assisted pyramiding of two major broad-spectrum bacterial blight resistance genes, Xa21 and Xa33 into an elite maintainer line of rice, DRR17B
-  Jul 2018 Biochemical Genetics
Genetic diversity and population structure in upland rice (Oryza sativa L.) of Mizoram, Northeast India as revealed by morphological, biochemical and molecular markers
-  Jul 2018 Journal of Horticulture
Significant water savings can be made in commercial spinach cropping without adverse impacts on crop yield or shelf life
-  Jul 2018 Acta Physiologiae Plantarum
Dynamic changes of isoflavones biosynthesis in soybean seeds against field mildew stress
-  Jul 2018 Acta Physiologiae Plantarum
Developmental changes in the composition of leaf cuticular wax of banana leaves influenced by wax biosynthesis gene expression: a case study in Musa acuminata and Musa balbisiana
-  Jul 2018 Plos One
Global DNA cytosine methylation variation in Spartina alterniflora at North Inlet, SC.
-  Jul 2018 Journal of Advancements in Plant Science
Detection of Aromatic Lines by Phenotype and Molecular Marker in Backcross Population Combined High Yield
-  Jul 2018 Acta Physiologiae Plantarum
Effect of male sterile and fertile cytoplasm on nuclear DNA Methylation in Hybrid rice
-  Jul 2018 Indian Journal Of Agricultural Research
Tolerance Mechanisms of Yardlong Beans Plants Against Drought Stress
-  Jul 2018  Current Plant Biology
Molecular interventions for the improvement of underutilized crop Grewia asiatica L
-  Jul 2018 Scientific Reports
Potential of the Oryza officinalis CC-genome to augment the cold tolerance genetic mechanisms of Oryza sativa AA-genome by network complementation
-  Jul 2018 Gene
Transcriptome sequencing of alpine ornamental plant Meconopsis 'Lingholm' flower of different anthesis process
-  Jun 2018 Agronomy for Sustainable Development
Analyses of $\delta^{13}C$ and $\delta^{15}N$ stable isotopes demonstrate that inter-cropping non-Bt maize is more important than organic farming in top-down suppression of arthropod herbivory
-  Jun 2018 Physiological and Molecular Plant Pathology
Study of biochemical and histopathological changes induced in the sweet pepper (Capsicum annuum L.) in response to Chilli leaf curl virus infection
-  Apr 2018 Rice Research: Open Access
Physio-morphological and marker assisted selection for water efficient aromatic rice
-  Apr 2018 3 Biotech
Unravelling genes related to Plant Development and Stress Responses through Genomics and Transcriptomics Studies
-  Apr 2018 Acta Physiologiae Plantarum
The mirror symmetrically dynamic changes of isoflavones biosynthesis revealed the important role of isoflavones in the responses of soybean seed to field mildew during harvesting period
-  Apr 2018 Journal of Horticulture
The Role of Shade and Nitrogen on Physiological Traits and Secondary Metabolites of Piper betle L
-  Apr 2018 Advances in Crop Science and Technology
Physiological and Biochemical Based Analysis to assess the Efficacy of Mulch Under Partial Root Zone Drying in Wheat
-  Apr 2018 Acta Physiologiae Plantarum
Developmental changes in the composition and gene expression in the leaf cuticular wax of contrasting species Musa balbisiana and Musa acuminata: a case study in banana
-  Apr 2018 Indian Journal Of Agricultural Research

Estimation of genetic variability and character association for morphological and quality traits of advanced backcross population in Rice (Oryza sativa L.)



Mar 2018 Plant Breeding

Identification of Quantitative Trait Loci for Seed Isoflavone Concentration in Soybean (Glycine max) against Soybean Cyst Nematode (SCN) Stress



Mar 2018 Journal of Horticulture

Sensitivity of Grape and Tomato to Micro-rates of three Dicamba-Based Herbicides



Mar 2018 Journal of Horticulture

Effect of Drip Irrigation and Nitrogen, Phosphorus and Potassium Application Rates on Tomato Biomass Accumulation, Nutrient Content, Yield, and Soil Nutrient Status



Mar 2018 Bio-Protocol

Growing and Pollinating Maize



Mar 2018 Current Plant Biology

Conventional and Biotechnological interventions for the improvement of underutilized crop Grewia asiatica L



Mar 2018 Frontiers in Plant Science

The Impact of phosphorus supply on selenium uptake during hydroponics experiment of winter wheat (Triticum aestivum) in China



Feb 2018 Frontiers in Plant Science

The Impact of Phosphorus Supply on Selenium Uptake During Hydroponics Experiment of Winter Wheat (Triticum aestivum) in China



Feb 2018 Frontiers in Plant Science

AFLP Approach Reveals Variability in Phragmites australis: Implications for Its Die-Back and Evidence for Genotoxic Effects



Feb 2018 Frontiers in Plant Science

Non-destructive phenotyping of chili fruits ripening by spectroscopic probes: A potential source for shelf-life measurement



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Feb 2018 Journal of Integrative Agriculture

Effect of time of shading and nitrogen level on grain filling and quality in japonica super rice



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The Impact of phosphorus supply on selenium uptake during hydroponics experiment of winter wheat (Triticum aestivum) in China



Feb 2018 Frontiers in Plant Science

Non-destructive phenotyping of chili fruits ripening by spectroscopic probes: A potential source for shelf-life measurement



Feb 2018 Journal of Intellectual Property Rights

Genetically Modified Crops Controversy, As It Effects The Actualization Of Intellectual Property Rights Regime



Feb 2018 Frontiers in Plant Science

AFLP Approach Reveals Variability in Phragmites australis: Implications for its Die-back and Evidence for Genotoxic Effects



Feb 2018 3 Biotech

Unravelling Stress Responsive Genes and Growth Regulators through Genomics and Transcriptomics Studies in Plants
