

Kuldeep Singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/114661/publications.pdf>

Version: 2024-02-01

248
papers

8,974
citations

87888

38
h-index

56724

83
g-index

256
all docs

256
docs citations

256
times ranked

7805
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	The transcriptional landscape of polyploid wheat. <i>Science</i> , 2018, 361, .	12.6	768
3	Image enhancement using Exposure based Sub Image Histogram Equalization. <i>Pattern Recognition Letters</i> , 2014, 36, 10-14.	4.2	289
4	Mapping of Quantitative Trait Loci for Grain Iron and Zinc Concentration in Diploid A Genome Wheat. <i>Journal of Heredity</i> , 2009, 100, 771-776.	2.4	163
5	Image enhancement via Median-Mean Based Sub-Image-Clipped Histogram Equalization. <i>Optik</i> , 2014, 125, 4646-4651.	2.9	145
6	Crop performance and water- and nitrogen-use efficiencies in dry-seeded rice in response to irrigation and fertilizer amounts in northwest India. <i>Field Crops Research</i> , 2012, 134, 59-70.	5.1	134
7	Linking Corporate Social Responsibility (CSR) and Organizational Performance: the moderating effect of corporate reputation. <i>European Research on Management and Business Economics</i> , 2021, 27, 100139.	6.9	132
8	A novel bacterial blight resistance gene from <i>Oryza nivara</i> mapped to 38Åkb region on chromosome 4L and transferred to <i>Oryza sativa</i> L.. <i>Genetical Research</i> , 2008, 90, 397-407.	0.9	128
9	The International Oryza Map Alignment Project: development of a genus-wide comparative genomics platform to help solve the 9 billion-people question. <i>Current Opinion in Plant Biology</i> , 2013, 16, 147-156.	7.1	126
10	Polymorphism of 1,3,5-Trinitrobenzene Induced by a Trisindane Additive. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1149-1155.	13.8	125
11	Mapping of adult plant stripe rust resistance genes in diploid A genome wheat species and their transfer to bread wheat. <i>Theoretical and Applied Genetics</i> , 2008, 116, 313-324.	3.6	122
12	Evaluation and utilization of Aegilops and wild Triticum species for enhancing iron and zinc content in wheat. <i>Genetic Resources and Crop Evolution</i> , 2009, 56, 53-64.	1.6	118
13	Enhancement of low exposure images via recursive histogram equalization algorithms. <i>Optik</i> , 2015, 126, 2619-2625.	2.9	117
14	An integrated molecular linkage map of diploid wheat based on a Triticum boeoticum—T. monococcum RIL population. <i>Theoretical and Applied Genetics</i> , 2007, 115, 301-312.	3.6	101
15	Contrast enhancement via texture region based histogram equalization. <i>Journal of Modern Optics</i> , 2016, 63, 1444-1450.	1.3	96
16	Convolutional neural networks for crowd behaviour analysis: a survey. <i>Visual Computer</i> , 2019, 35, 753-776.	3.5	94
17	Diversity among landraces of Indian snapmelon (<i>Cucumis melo</i> var. <i>momordica</i>). <i>Genetic Resources and Crop Evolution</i> , 2007, 54, 1267-1283.	1.6	89
18	Pyramiding of two bacterial blight resistance and a semidwarfing gene in Type 3 Basmati using marker-assisted selection. <i>Euphytica</i> , 2011, 178, 111-126.	1.2	83

#	ARTICLE	IF	CITATIONS
19	New PCR-based sequence-tagged site marker for bacterial blight resistance gene Xa38 of rice. <i>Molecular Breeding</i> , 2012, 30, 607-611.	2.1	81
20	Crowd anomaly detection using Aggregation of Ensembles of fine-tuned ConvNets. <i>Neurocomputing</i> , 2020, 371, 188-198.	5.9	74
21	C2IM: Community based context-aware influence maximization in social networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 514, 796-818.	2.6	69
22	High-resolution genetic mapping of a novel brown planthopper resistance locus, Bph34 in <i>Oryza sativa</i> L. X <i>Oryza nivara</i> (Sharma & Shastry) derived interspecific F2 population. <i>Theoretical and Applied Genetics</i> , 2018, 131, 1163-1171.	3.6	65
23	High-resolution genetic mapping of a novel bacterial blight resistance gene xa-45(t) identified from <i>Oryza glaberrima</i> and transferred to <i>Oryza sativa</i> . <i>Theoretical and Applied Genetics</i> , 2020, 133, 689-705.	3.6	61
24	A substitution mutation in OsCCD7 cosegregates with dwarf and increased tillering phenotype in rice. <i>Journal of Genetics</i> , 2014, 93, 389-401.	0.7	60
25	Applications of Metal/Mixed Metal Oxides as Photocatalyst: A Review. <i>Oriental Journal of Chemistry</i> , 2016, 32, 2035-2042.	0.3	57
26	Robust multimodal biometric system based on optimal score level fusion model. <i>Expert Systems With Applications</i> , 2019, 116, 364-376.	7.6	54
27	Marker-aided Incorporation of Xa38, a Novel Bacterial Blight Resistance Gene, in PB1121 and Comparison of its Resistance Spectrum with xa13+xa21. <i>Scientific Reports</i> , 2016, 6, 29188.	3.3	53
28	Head-on collision of two dust ion acoustic solitary waves in a weakly relativistic multicomponent superthermal plasma. <i>Physics of Plasmas</i> , 2016, 23, .	1.9	52
29	Donors for Resistance to Brown Planthopper <i>Nilaparvata lugens</i> (Stål) from Wild Rice Species. <i>Rice Science</i> , 2016, 23, 219-224.	3.9	52
30	LAPSO-IM: A learning-based influence maximization approach for social networks. <i>Applied Soft Computing Journal</i> , 2019, 82, 105554.	7.2	51
31	Development of <i>Triticum turgidum</i> subsp. <i>durum</i> "Aegilops longissima amphiploids with high iron and zinc content through unreduced gamete formation in F1 hybrids. <i>Genome</i> , 2008, 51, 757-766.	2.0	50
32	Spectral features based convolutional neural network for accurate and prompt identification of schizophrenic patients. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2021, 235, 167-184.	1.8	50
33	Development and Identification of Novel Rice Blast Resistant Sources and Their Characterization Using Molecular Markers. <i>Rice Science</i> , 2015, 22, 300-308.	3.9	47
34	<i>Oryza.</i> , 2011,, 321-365.		46
35	Introgression of a leaf rust resistance gene from <i>Aegilops caudata</i> to bread wheat. <i>Journal of Genetics</i> , 2012, 91, 155-161.	0.7	46
36	Introgression of group 4 and 7 chromosomes of <i>Ae. peregrina</i> in wheat enhances grain iron and zinc density. <i>Molecular Breeding</i> , 2011, 28, 623-634.	2.1	44

#	ARTICLE	IF	CITATIONS
37	Human Activity Recognition Based on Spatial Distribution of Gradients at Sublevels of Average Energy Silhouette Images. IEEE Transactions on Cognitive and Developmental Systems, 2017, 9, 316-327.	3.8	43
38	Development and Genetic Characterization of A Novel Herbicide (Imazethapyr) Tolerant Mutant in Rice (Oryza sativa L.). Rice, 2017, 10, 10.	4.0	43
39	Effect of polarization force on head-on collision between multi-solitons in dusty plasma. Physics of Plasmas, 2018, 25, .	1.9	42
40	Development of high yielding IR64-ORyza rufipogon (Griff.) introgression lines and identification of introgressed alien chromosome segments using SSR markers. Euphytica, 2008, 160, 401-409.	1.2	41
41	Nutraceuticals Inspiring the Current Therapy for Lifestyle Diseases. Advances in Pharmacological Sciences, 2019, 2019, 1-5.	3.7	40
42	Identification and mapping of two powdery mildew resistance genes in Triticum boeoticum L.. Theoretical and Applied Genetics, 2012, 124, 1051-1058.	3.6	38
43	Two-layer LSTM network-based prediction of epileptic seizures using EEG spectral features. Complex & Intelligent Systems, 2022, 8, 2405-2418.	6.5	38
44	Identification of new sources of bacterial blight (Xanthomonas oryzae pv. oryzae) resistance in wild Oryza species and O. glaberrima. Plant Genetic Resources: Characterisation and Utilisation, 2007, 5, 108-112.	0.8	37
45	Yield-Enhancing Heterotic QTL Transferred from Wild Species to Cultivated Rice Oryza sativa L. PLoS ONE, 2014, 9, e96939.	2.5	37
46	Effect of polarization force on dust-acoustic cnoidal waves in dusty plasma. European Physical Journal D, 2018, 72, 1.	1.3	37
47	Incorporation of the novel bacterial blight resistance gene Xa38 into the genetic background of elite rice variety Improved Samba Mahsuri. PLoS ONE, 2018, 13, e0198260.	2.5	36
48	IoT and cloud computing based automatic epileptic seizure detection using HOS features based random forest classification. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 15497-15512.	4.9	36
49	Multi-Trait and Multi-Environment QTL Analyses for Resistance to Wheat Diseases. PLoS ONE, 2012, 7, e38008.	2.5	35
50	Hydroponic experiment for identification of tolerance traits developed by rice Nagina 22 mutants to low-phosphorus in field condition. Archives of Agronomy and Soil Science, 2014, 60, 565-576.	2.6	35
51	Energy detection based spectrum sensing for gamma shadowed $\hat{\lambda}^{\alpha} e^{-\lambda} \lambda^{\alpha-1}$ and $\hat{\lambda}^{\alpha} e^{-\lambda} \lambda^{\alpha-1}$ fading channels. AEU - International Journal of Electronics and Communications, 2018, 93, 26-31.	2.9	35
52	Evaluation and identification of wild lentil accessions for enhancing genetic gains of cultivated varieties. PLoS ONE, 2020, 15, e0229554.	2.5	34
53	MIM2: Multiple influence maximization across multiple social networks. Physica A: Statistical Mechanics and Its Applications, 2019, 526, 120902.	2.6	33
54	Adaptive Weighted Graph Approach to Generate Multimodal Cancelable Biometric Templates. IEEE Transactions on Information Forensics and Security, 2020, 15, 1945-1958.	6.9	33

#	ARTICLE	IF	CITATIONS
55	A fuzzy-based trust model for flying ad hoc networks (FANETs). <i>International Journal of Communication Systems</i> , 2018, 31, e3517.	2.5	32
56	Multi-locus genome-wide association studies reveal novel genomic regions associated with vegetative stage salt tolerance in bread wheat (<i>Triticum aestivum</i> L.). <i>Genomics</i> , 2020, 112, 4608-4621.	2.9	32
57	Identification of novel resistant sources for ascochyta blight (<i>Ascochyta rabiei</i>) in chickpea. <i>PLoS ONE</i> , 2020, 15, e0240589.	2.5	32
58	Development and characterization of <i>Triticum aestivum</i> × <i>Aegilops kotschy</i> amphiploids with high grain iron and zinc contents. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2009, 7, 271-280.	0.8	31
59	Histogram equalization techniques for enhancement of low radiance retinal images for early detection of diabetic retinopathy. <i>Engineering Science and Technology, an International Journal</i> , 2019, 22, 736-745.	3.2	31
60	Novel Alleles of Phosphorus-Starvation Tolerance 1 Gene (PSTOL1) from <i>Oryza rufipogon</i> Confers High Phosphorus Uptake Efficiency. <i>Frontiers in Plant Science</i> , 2017, 8, 509.	3.6	30
61	Level-2 node clustering coefficient-based link prediction. <i>Applied Intelligence</i> , 2019, 49, 2762-2779.	5.3	30
62	Cross-Enyne and Ring-Closing Metathesis Cascade: A Building-Block Approach Suitable for Diversity-Oriented Synthesis of Densely Functionalized Macrocyclics with Amino Acid Scaffolds. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5909-5916.	2.4	29
63	Marker-Assisted Development of Bacterial Blight Resistant, Dwarf, and High Yielding Versions of Two Traditional Basmati Rice Cultivars. <i>Crop Science</i> , 2011, 51, 759-770.	1.8	29
64	Clustering of people in social network based on textual similarity. <i>Perspectives in Science</i> , 2016, 8, 570-573.	0.6	29
65	Genotyping by sequencing of rice interspecific backcross inbred lines identifies QTLs for grain weight and grain length. <i>Euphytica</i> , 2018, 214, 1.	1.2	29
66	Machine learning for cooperative spectrum sensing and sharing: A survey. <i>Transactions on Emerging Telecommunications Technologies</i> , 2022, 33, e4352.	3.9	29
67	Comparative analysis of five machine learning algorithms for IP traffic classification. , 2011, , .		28
68	Marker Assisted Transfer of Two Powdery Mildew Resistance Genes PmTb7A.1 and PmTb7A.2 from <i>Triticum boeoticum</i> (Boiss.) to <i>Triticum aestivum</i> (L.). <i>PLoS ONE</i> , 2015, 10, e0128297.	2.5	28
69	Identification and Characterization of a Large Effect QTL from <i>Oryza glumaepatula</i> Revealed Pi68(t) as Putative Candidate Gene for Rice Blast Resistance. <i>Rice</i> , 2020, 13, 17.	4.0	28
70	Nonlinear excitations in a degenerate relativistic magneto-rotating quantum plasma. <i>Physics of Plasmas</i> , 2019, 26, .	1.9	27
71	The evolution of rogue wave triplets and super rogue waves in superthermal polarized space dusty plasma. <i>Physics of Plasmas</i> , 2019, 26, .	1.9	26
72	A new gene Bph33(t) conferring resistance to brown planthopper (BPH), <i>Nilaparvata lugens</i> (Stål) in rice line RP2068-18-3-5. <i>Euphytica</i> , 2018, 214, 1.	1.2	25

#	ARTICLE	IF	CITATIONS
73	Dust acoustic shock waves in magnetized dusty plasma. <i>Plasma Science and Technology</i> , 2018, 20, 074005.	1.5	25
74	Smart neurocare approach for detection of epileptic seizures using deep learning based temporal analysis of EEG patterns. <i>Multimedia Tools and Applications</i> , 2022, 81, 29555-29586.	3.9	25
75	Maize Genotypes Show Striking Differences for Induction and Regeneration of Haploid Wheat Embryos in the Wheat A—Maize System. <i>Crop Science</i> , 1999, 39, 1722-1727.	1.8	24
76	Head-on collision between two dust acoustic solitary waves and study of rogue waves in multicomponent dusty plasma. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	24
77	A STUDY ON THE DETERMINANTS OF FINANCIAL PERFORMANCE OF U.S. AGRICULTURAL COOPERATIVES. <i>Journal of Business Economics and Management</i> , 2019, 20, 633-647.	2.4	24
78	Diversity among melon (<i>Cucumis melo</i> L.) landraces from the Indo-Gangetic plains of India and their genetic relationship with USA melon cultivars. <i>Genetic Resources and Crop Evolution</i> , 2014, 61, 1189-1208.	1.6	23
79	TKEH: an efficient algorithm for mining top-k high utility itemsets. <i>Applied Intelligence</i> , 2019, 49, 1078-1097.	5.3	23
80	Molecular mapping of cereal cyst nematode resistance in <i>Triticum monococcum</i> L. and its transfer to the genetic background of cultivated wheat. <i>Euphytica</i> , 2010, 176, 213-222.	1.2	22
81	Mining of high-utility itemsets with negative utility. <i>Expert Systems</i> , 2018, 35, e12296.	4.5	22
82	Evolution of ion acoustic solitary waves in pulsar wind. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1612-1620.	4.4	22
83	Heavy-and light-nuclei acoustic dressed shock waves in white dwarfs. <i>Chinese Journal of Physics</i> , 2021, 72, 286-298.	3.9	22
84	Genome-wide association mapping reveals key genomic regions for physiological and yield-related traits under salinity stress in wheat (<i>Triticum aestivum</i> L.). <i>Genomics</i> , 2021, 113, 3198-3215.	2.9	22
85	<i>Paederia foetida</i> "a promising ethno-medicinal tribal plant of northeastern India. <i>Journal of Forestry Research</i> , 2013, 24, 801-808.	3.6	21
86	Fingerprint image super-resolution via ridge orientation-based clustered coupled sparse dictionaries. <i>Journal of Electronic Imaging</i> , 2015, 24, 043015.	0.9	21
87	Introgression of Yield Component Traits in Rice (<i>Oryza sativa</i> ssp. <i>indica</i>) through Interspecific Hybridization. <i>Crop Science</i> , 2017, 57, 1557-1573.	1.8	21
88	Effect of Anisotropic Pressure on Electron Acoustic Oscillatory and Monotonic Shocks in Suprathermal Magnetoplasma. <i>Radio Science</i> , 2019, 54, 1192-1203.	1.6	21
89	Widening the genetic base of cultivated gene pool following introgression from wild <i>Lens</i> taxa. <i>Plant Breeding</i> , 2018, 137, 470-485.	1.9	20
90	Breather Structures and Peregrine Solitons in a Polarized Space Dusty Plasma. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	20

#	ARTICLE	IF	CITATIONS
91	TBCS: A Trust Based Clustering Scheme for Secure Communication in Flying Ad-Hoc Networks. <i>Wireless Personal Communications</i> , 2020, 114, 3173-3196.	2.7	20
92	IM&SSO: Maximizing influence in social networks using social spider optimization. <i>Concurrency Computation Practice and Experience</i> , 2020, 32, e5421.	2.2	19
93	Agro-Morphological Characterization of Lentil Germplasm of Indian National Genebank and Development of a Core Set for Efficient Utilization in Lentil Improvement Programs. <i>Frontiers in Plant Science</i> , 2021, 12, 751429.	3.6	19
94	Evaluation of the benefits of an insecticide resistance management programme in Punjab in India. <i>International Journal of Pest Management</i> , 2009, 55, 207-220.	1.8	18
95	Characterization and molecular mapping of EMS-induced brittle culm mutants of diploid wheat (<i>Triticum monococcum</i> L.). <i>Euphytica</i> , 2012, 186, 165-176.	1.2	18
96	Fingerprint denoising using ridge orientation based clustered dictionaries. <i>Neurocomputing</i> , 2015, 167, 418-423.	5.9	18
97	RNA-sequencing based gene expression landscape of guava cv. Allahabad Safeda and comparative analysis to colored cultivars. <i>BMC Genomics</i> , 2020, 21, 484.	2.8	18
98	Deployment of wild relatives for genetic improvement in rice (<i>Oryza sativa</i>). <i>Plant Breeding</i> , 2021, 140, 23-52.	1.9	18
99	A Strain of an Emerging Indian <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> Pathotype Defeats the Rice Bacterial Blight Resistance Gene xa13 Without Inducing a Clade III SWEET Gene and Is Nearly Identical to a Recent Thai Isolate. <i>Frontiers in Microbiology</i> , 2018, 9, 2703.	3.5	17
100	Identification of QTLs/Defense Genes Effective at Seedling Stage Against Prevailing Races of Wheat Stripe Rust in India. <i>Frontiers in Genetics</i> , 2020, 11, 572975.	2.3	17
101	Genetic enhancement for semi-dwarf and bacterial blight resistance with enhanced grain quality characteristics in traditional Basmati rice through marker-assisted selection. <i>Comptes Rendus - Biologies</i> , 2019, 342, 142-153.	0.2	16
102	Genome-Wide Association Study Reveals Genomic Regions Associated With Ten Agronomical Traits in Wheat Under Late-Sown Conditions. <i>Frontiers in Plant Science</i> , 2020, 11, 549743.	3.6	16
103	Cloud based ensemble machine learning approach for smart detection of epileptic seizures using higher order spectral analysis. <i>Physical and Engineering Sciences in Medicine</i> , 2021, 44, 313-324.	2.4	16
104	The evolving path of CSR: toward business and society relationship. <i>Journal of Economic and Administrative Sciences</i> , 2022, 38, 304-332.	1.4	16
105	SSR marker-based DNA fingerprinting and cultivar identification of rice (<i>Oryza sativa</i> L.) in Punjab state of India. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2010, 8, 42-44.	0.8	15
106	Effect of ion beam on the characteristics of ion acoustic Gardner solitons and double layers in a multicomponent superthermal plasma. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	15
107	EHNL: An efficient algorithm for mining high utility itemsets with negative utility value and length constraints. <i>Information Sciences</i> , 2019, 484, 44-70.	6.9	15
108	Design and Analysis of Adaptive Graph-Based Cancelable Multi-Biometrics Approach. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2022, 19, 54-66.	5.4	15

#	ARTICLE	IF	CITATIONS
109	Mapping of bacterial blight resistance gene <i>Xa8</i> in rice (<i>Oryza sativa</i> L.). Indian Journal of Genetics and Plant Breeding, 2014, 74, 589.	0.5	15
110	Additive genes at nine loci govern Karnal bunt resistance in a set of common wheat cultivars. Euphytica, 2005, 142, 301-307.	1.2	14
111	Evaluation of <i>Aegilops tauschii</i> (Coss.) germplasm for Karnal bunt resistance in a screen house with simulated environmental conditions. Plant Genetic Resources: Characterisation and Utilisation, 2008, 6, 79-84.	0.8	14
112	A Survey on Information Diffusion Models in Social Networks. Communications in Computer and Information Science, 2019, , 426-439.	0.5	14
113	Robust object tracking with crow search optimized multi-cue particle filter. Pattern Analysis and Applications, 2020, 23, 1439-1455.	4.6	14
114	Recent advances in genomics-assisted breeding of brown planthopper (<i>Nilaparvata lugens</i>) resistance in rice (<i>Oryza sativa</i>). Plant Breeding, 2020, 139, 1052-1066.	1.9	14
115	Developing an agricultural entrepreneur inclination model for sustainable agriculture by integrating expert mining and ISM-MICMAC. Environment, Development and Sustainability, 2021, 23, 5122-5150.	5.0	14
116	Gastroprotective mechanism of <i>Paederia foetida</i> Linn. (Rubiaceae) – a popular edible plant used by the tribal community of North-East India. BMC Complementary and Alternative Medicine, 2015, 15, 304.	3.7	13
117	Mapping of male sterility gene <i>ms10</i> in chilli pepper (<i>Capsicum annum</i> L.). Plant Breeding, 2016, 135, 531-535.	1.9	13
118	Effect of Superthermal Polarization Force on Dust Acoustic Nonlinear Structures. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2018, 73, 795-803.	1.5	13
119	1,2,3-Triazole \hat{I}^2 -lactam conjugates as antimicrobial agents. Heliyon, 2020, 6, e04241.	3.2	13
120	Heavy nucleus acoustic periodic waves in a degenerate relativistic magneto-rotating quantum plasma. Waves in Random and Complex Media, 2022, 32, 743-754.	2.7	13
121	Fluid simulation of ion acoustic solitary waves in electron-positron-ion plasma. European Physical Journal Plus, 2021, 136, 1.	2.6	13
122	Netizens' behavior towards a blockchain-based esports framework: a TPB and machine learning integrated approach. International Journal of Sports Marketing and Sponsorship, 2022, 23, 665-683.	1.4	13
123	Understanding genetic variability in the mungbean (<i>Vigna radiata</i> L.) gene pool. Annals of Applied Biology, 2020, 177, 346-357.	2.5	12
124	Sensitizing Netizen's behavior through influencer intervention enabled by crowdsourcing – a case of reddit. Behaviour and Information Technology, 2022, 41, 1286-1297.	4.0	12
125	Corporate social responsibility and financial inclusion: Evaluating the moderating effect of income. Managerial and Decision Economics, 2021, 42, 1263-1274.	2.5	12
126	Broadening the genetic base of cultivated chickpea following introgression of wild Cicer species-progress, constraints and prospects. Genetic Resources and Crop Evolution, 2021, 68, 2181-2205.	1.6	12

#	ARTICLE	IF	CITATIONS
127	Exploring the synergy between nano-influencers and sports community: behavior mapping through machine learning. <i>Information Technology and People</i> , 2022, 35, 1829-1854.	3.2	12
128	Fine mapping of powdery mildew resistance genes PmTb7A.1 and PmTb7A.2 in <i>Triticum boeoticum</i> (Boiss.) using the shotgun sequence assembly of chromosome 7AL. <i>Theoretical and Applied Genetics</i> , 2015, 128, 2099-2111.	3.6	11
129	Long-term impact of Bt cotton: An empirical evidence from North India. <i>Journal of Cleaner Production</i> , 2021, 312, 127575.	9.3	11
130	Deep learning based smart health monitoring for automated prediction of epileptic seizures using spectral analysis of scalp EEG. <i>Physical and Engineering Sciences in Medicine</i> , 2021, 44, 1161-1173.	2.4	11
131	Mungbean Genetic Resources and Utilization. <i>Compendium of Plant Genomes</i> , 2020, , 9-25.	0.5	11
132	Identification of resistance sources in wild species of rice against two recently evolved pathotypes of <i>Xanthomonas oryzae</i> pv <i>oryzae</i> . <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2017, 15, 558-562.	0.8	10
133	Screening of water-efficient rice genotypes for dry direct seeding in South Asia. <i>Archives of Agronomy and Soil Science</i> , 2018, 64, 103-115.	2.6	10
134	Identification of drought stress tolerance in wild species germplasm of rice based on leaf and root morphology. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2018, 16, 289-295.	0.8	10
135	Agronomic fortification of rice and wheat grains with zinc for nutritional security. <i>Current Science</i> , 2015, 109, 1171.	0.8	10
136	A Near Real-time IP Traffic Classification Using Machine Learning. <i>International Journal of Intelligent Systems and Applications</i> , 2013, 5, 83-93.	1.1	10
137	Characterization and gene mapping of a brittle culm mutant of diploid wheat (<i>Triticum monococcum</i>) Tj ETQq1 1 0.784314 rgBT /Over	2.1	9
138	A novel approach of multi-stage tracking for precise localization of target in video sequences. <i>Expert Systems With Applications</i> , 2017, 78, 208-224.	7.6	9
139	A novel QTL qSPP2.2 controlling spikelet per panicle identified from <i>Oryza longistaminata</i> (A. Chev. et) Tj ETQq1 1 0.784314 rgBT /Ov	2.1	9
140	Improved versions of rice maintainer line, APMS 6B, possessing two resistance genes, Xa21 and Xa38, exhibit high level of resistance to bacterial blight disease. <i>Molecular Breeding</i> , 2018, 38, 1.	2.1	9
141	CoIM: Community-Based Influence Maximization in Social Networks. <i>Communications in Computer and Information Science</i> , 2019, , 440-453.	0.5	9
142	Pesticides Hazardous Hotspots: Empirical Evidences from North India. <i>Environmental Management</i> , 2020, 66, 899-915.	2.7	9
143	A sparse coded composite descriptor for human activity recognition. <i>Expert Systems</i> , 2022, 39, e12805.	4.5	9
144	Viable Alternatives to the Rice-Wheat Cropping System in Punjab. <i>Journal of Crop Improvement</i> , 2009, 23, 300-318.	1.7	8

#	ARTICLE	IF	CITATIONS
145	Red pericarp introgression lines derived from interspecific crosses of rice: physicochemical characteristics, antioxidative properties and phenolic content. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 2912-2920.	3.5	8
146	Stacked Autoencoders Based Deep Learning Approach for Automatic Epileptic Seizure Detection. , 2018, , .		8
147	Notice of Retraction: CHN: an efficient algorithm for mining closed high utility itemsets with negative utility. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2024, , 1-1.	5.7	8
148	Blind image deblurring via gradient orientation-based clustered coupled sparse dictionaries. <i>Pattern Analysis and Applications</i> , 2019, 22, 549-558.	4.6	8
149	Novel cis-acting regulatory elements in wild <i>Oryza</i> species impart improved rice bran quality by lowering the expression of phospholipase D alpha1 enzyme (OsPLD1). <i>Molecular Biology Reports</i> , 2020, 47, 401-422.	2.3	8
150	An xa5 Resistance Gene-Breaking Indian Strain of the Rice Bacterial Blight Pathogen <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> Is Nearly Identical to a Thai Strain. <i>Frontiers in Microbiology</i> , 2020, 11, 579504.	3.5	8
151	Novel allelic variation in the Phospholipase D alpha1 gene (OsPLD1) of wild <i>Oryza</i> species implies to its low expression in rice bran. <i>Scientific Reports</i> , 2020, 10, 6571.	3.3	8
152	Green Methods for the Synthesis of Pyrazoles: A Review. <i>Organic Preparations and Procedures International</i> , 2021, 53, 317-351.	1.3	8
153	High-resolution mapping of the quantitative trait locus (QTLs) conferring resistance to false smut disease in rice. <i>Journal of Applied Genetics</i> , 2022, 63, 35-45.	1.9	8
154	Prediction of epileptic seizures from spectral features of intracranial eeg recordings using deep learning approach. <i>Multimedia Tools and Applications</i> , 2022, 81, 28875-28898.	3.9	8
155	Genotyping-by-Sequencing Based Investigation of Population Structure and Genome Wide Association Studies for Seven Agronomically Important Traits in a Set of 346 <i>Oryza rufipogon</i> Accessions. <i>Rice</i> , 2022, 15, .	4.0	8
156	High utility itemsets mining with negative utility value: A survey. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018, 35, 6551-6562.	1.4	7
157	Nonplanar dust acoustic solitary and rogue waves in an ion beam plasma with superthermal electrons and ions. <i>Plasma Science and Technology</i> , 2018, 20, 074009.	1.5	7
158	Mining of Closed High Utility Itemsets: A Survey. <i>Recent Advances in Computer Science and Communications</i> , 2021, 14, 6-12.	0.7	7
159	Predicting Epileptic Seizures from EEG Spectral Band Features Using Convolutional Neural Network. <i>Wireless Personal Communications</i> , 2022, 125, 2667-2684.	2.7	7
160	Molecular mapping and transfer of a novel brown planthopper resistance gene bph42 from <i>Oryza rufipogon</i> (Griff.) To cultivated rice (<i>Oryza sativa</i> L.). <i>Molecular Biology Reports</i> , 2022, 49, 8597-8606.	2.3	7
161	Genetic diversity and gene flow estimates among three populations of <i>Botryodiplodia theobromae</i> causing die-back and bark canker of pear in Punjab. <i>Archives of Phytopathology and Plant Protection</i> , 2011, 44, 951-960.	1.3	6
162	Characterization of wild emmer wheat <i>Triticum dicoccoides</i> germplasm for vernalization alleles. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2015, 24, 249-253.	1.7	6

#	ARTICLE	IF	CITATIONS
181	Feature extraction based IP traffic classification using machine learning. , 2011, , .		4
182	In silico annotation of 458 genes identified from comparative analysis of Full length cDNAs and NextGen Sequence of chromosome 2A of hexaploid wheat. Journal of Plant Biochemistry and Biotechnology, 2019, 28, 25-34.	1.7	4
183	Zein film functionalized with gold nanoparticles and the factors affecting its mechanical properties. RSC Advances, 2019, 9, 25184-25188.	3.6	4
184	Sugarcane and Wheat Productivity Under Different Cropping Systems. Sugar Tech, 2019, 21, 415-420.	1.8	4
185	Dark Channel Processing for Medical Image Enhancement. , 2019, , .		4
186	Corporate Social Responsibility as a tool for healthtech startups: Modelling enablers of healthcare and social support system to fight Coronavirus Pandemic. , 2020, , .		4
187	Influence Maximization on Social Networks: A Study. Recent Advances in Computer Science and Communications, 2021, 14, 13-29.	0.7	4
188	Neuroprotective Ability of Apocynin Loaded Nanoparticles (APO-NPs) as NADPH Oxidase (NOX)-Mediated ROS Modulator for Hydrogen Peroxide-Induced Oxidative Neuronal Injuries. Molecules, 2021, 26, 5011.	3.8	4
189	Development of coreset of aromatic rice (<i>Oryza sativa</i> L. Indica) based on molecular and morphological diversity. Genetic Resources and Crop Evolution, 2021, 68, 441-450.	1.6	4
190	Comparison of Principle Component Analysis and Stacked Autoencoder on NSL-KDD Dataset. Advances in Intelligent Systems and Computing, 2021, , 223-241.	0.6	4
191	Sugarcane Planting in Standing Wheat Using Furrow Irrigated Raised Bed (FIRB) Method. Sugar Tech, 2012, 14, 351-356.	1.8	3
192	Productivity, Profitability and Soil Properties Influenced by Planting Methods and Band Application of FYM in Autumn Sugarcane. Sugar Tech, 2013, 15, 145-151.	1.8	3
193	An Efficient Genetic Algorithm for Fuzzy Community Detection in Social Network. Communications in Computer and Information Science, 2017, , 63-72.	0.5	3
194	Click Chemistry Approach to Isoindole-1,3-dione Tethered 1,2,3-Triazole Derivatives. SynOpen, 2019, 03, 67-70.	1.7	3
195	Efficient Algorithm for Mining High Utility Pattern Considering Length Constraints. International Journal of Data Warehousing and Mining, 2019, 15, 1-27.	0.6	3
196	Future Battlefield Air Space Management: An Internet of Things (IoT) Based Framework. , 2019, , .		3
197	Physical mapping of an adult plant stripe rust resistance gene from <i>Triticum monococcum</i> . Journal of Plant Biochemistry and Biotechnology, 2020, 29, 47-55.	1.7	3
198	High resolution genetic mapping and identification of a candidate gene(s) for the purple sheath color and plant height in an interspecific F2 population derived from <i>Oryza nivara</i> Sharma & Shastry &— <i>Oryza sativa</i> L. cross. Genetic Resources and Crop Evolution, 2020, 67, 97-105.	1.6	3

#	ARTICLE	IF	CITATIONS
199	Crowd Emotion Analysis Using 2D ConvNets. , 2020, , .		3
200	Improvement in Productivity and Profitability of Sugarcane Through Drip Fertigation in North Indian Conditions. Sugar Tech, 2021, 23, 536-545.	1.8	3
201	Head-on collision of multi-solitons in a magnetized space dusty plasma in the presence of nonextensive polarization force. Waves in Random and Complex Media, 2023, 33, 955-971.	2.7	3
202	Frequent Patterns Mining from Data Cube Using Aggregation and Directed Graph. Advances in Intelligent Systems and Computing, 2016, , 167-177.	0.6	3
203	What makes phishing emails hard for humans to detect?. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 431-435.	0.3	3
204	A survey on soft computing-based high-utility itemsets mining. Soft Computing, 2022, 26, 6347-6392.	3.6	3
205	Calcium-Rich Pigeonpea Seed Coat: A Potential Byproduct for Food and Pharmaceutical Industries. Sustainability, 2022, 14, 4918.	3.2	3
206	BSA-seq Identifies a Major Locus on Chromosome 6 for Root-Knot Nematode (Meloidogyne) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	2.3	3
207	Indian Wheat Genomics Initiative for Harnessing the Potential of Wheat Germplasm Resources for Breeding Disease-Resistant, Nutrient-Dense, and Climate-Resilient Cultivars. Frontiers in Genetics, 0, 13, .	2.3	3
208	Grain Nutrients Variability in Pigeonpea Genebank Collection and Its Potential for Promoting Nutritional Security in Dryland Ecologies. Frontiers in Plant Science, 0, 13, .	3.6	3
209	Sparse coding based robust image denoising via coupled dictionary. , 2016, , .		2
210	Introgression and Exploitation of QTL for Yield and Yield Components from Related Wild Species in Rice Cultivars. Sustainable Development and Biodiversity, 2016, , 171-202.	1.7	2
211	Frontiers in Rice Breeding. , 2017, , 137-160.		2
212	Intrusion Detection and Recovery of MANET by Using ACO Algorithm and Genetic Algorithm. Advances in Intelligent Systems and Computing, 2018, , 97-109.	0.6	2
213	Ion acoustic shocks in degenerate plasma with trapping in a quantizing magnetic field. AIP Conference Proceedings, 2019, , .	0.4	2
214	Reinforcement learning-based real time search algorithm for routing optimisation in wireless sensor networks using fuzzy link cost estimation. International Journal of Communication Networks and Distributed Systems, 2019, 22, 363.	0.4	2
215	Applications of Rozenâ€™s Reagent in Oxygen-Transfer and Câ€™H Activation Reactions. Synthesis, 2019, 51, 371-383.	2.3	2
216	How to bring positive societal change through Corporate Social Responsibility (CSR)? Modeling the social responsible enablers using ISM-MICMAC. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
217	Ion Acoustic Cnoidal Waves in Ion-Beam Dense Plasma in the Presence of Quantizing Magnetic Field. IEEE Transactions on Plasma Science, 2021, 49, 1686-1693.	1.3	2
218	Mechanism of leaf rust resistance in wheat wild relatives, Triticum monococcum and T. boeoticum. Plant Genetic Resources: Characterisation and Utilisation, 0, , 1-8.	0.8	2
219	Cloning, expression analysis and In silico characterization of HSP101: a potential player conferring heat stress in Aegilops speltoides (Tausch) Gren. Physiology and Molecular Biology of Plants, 2021, 27, 1205-1218.	3.1	2
220	Segmentation of retinal blood vessels based on feature-oriented dictionary learning and sparse coding using ensemble classification approach. Journal of Medical Imaging, 2019, 6, 1.	1.5	2
221	Subacute presentation of herpes simplex virus-1 encephalitis: A rare case report. JMS - Journal of Medical Society, 2018, 32, 144.	0.0	2
222	Callose depositions underlie the incompatible reaction in intergeneric crosses of rice. Plant Genetic Resources: Characterisation and Utilisation, 0, , 1-6.	0.8	2
223	Chemical constituents, pharmacological activities, and uses of common ayurvedic medicinal plants: a future source of new drugs. Advances in Traditional Medicine, 2023, 23, 673-714.	2.0	2
224	Molecular profiling of BADH2 locus reveals distinct functional allelic polymorphism associated with fragrance variation in Indian aromatic rice germplasm. Physiology and Molecular Biology of Plants, 2022, 28, 1013-1027.	3.1	2
225	Happiness Index in Social Network. Communications in Computer and Information Science, 2017, , 261-270.	0.5	1
226	Sparse proximity based robust fingerprint recognition. , 2017, , .		1
227	A Robust Framework for the Recognition of Human Action and Activity Using Spatial Distribution Gradients and Gabor Wavelet. Advances in Intelligent Systems and Computing, 2018, , 103-113.	0.6	1
228	Efficient disparity estimation from stereo images using hybrid-guided image filter. Imaging Science Journal, 2018, 66, 139-151.	0.5	1
229	Corporate Social Responsibility (CSR): An Emerging Opportunity or a Forced Liability. SSRN Electronic Journal, 2019, , .	0.4	1
230	Magnetoacoustic Nonlinear Solitary and Freak Waves in Pair-Ion Plasma. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2019, 74, 777-786.	1.5	1
231	Comparative analysis of chromosome 2A molecular organization in diploid and hexaploid wheat. Molecular Biology Reports, 2020, 47, 1991-2003.	2.3	1
232	Impact of Retail Banking on Customer Satisfaction in Delhi. SSRN Electronic Journal, 0, , .	0.4	1
233	Bioactive Extracts: Strategies to Generate Diversified Natural Product- Like Libraries. Current Bioactive Compounds, 2022, 18, .	0.5	1
234	Kinetic Alfvénic cnoidal waves in Saturnian magnetospheric plasmas. Waves in Random and Complex Media, 0, , 1-14.	2.7	1

#	ARTICLE	IF	CITATIONS
235	Fuzzy logic based closed loop adaptive power control for minimization of near-far interference in CDMA systems. , 2015, , .		0
236	Biochemical Characterization of a RIL Population of Rice (<i>Oryza sativa</i> L.) Under Direct-Seeded Aerobic and Transplanted Conditions. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2015, 85, 1087-1093.	1.0	0
237	Positron-acoustic nonlinear waves in multicomponent plasmas. AIP Conference Proceedings, 2019, , .	0.4	0
238	Head-on Collision between Multi-solitons in relativistic plasma. , 2019, , .		0
239	Finger-Print Image Super-Resolution via Gradient Operator based Clustered Coupled Sparse Dictionaries. , 2019, , .		0
240	Three dimensional ion acoustic solitary waves in a magnetized plasma consisting of two temperature nonextensive electrons. AIP Conference Proceedings, 2019, , .	0.4	0
241	Nonlinear excitations in a relativistic plasma with non-Maxwellian electrons. AIP Conference Proceedings, 2019, , .	0.4	0
242	Heavy Nucleus Acoustic Periodic Waves in a Degenerate Relativistic Quantum Plasma. , 2019, , .		0
243	Preparation and characterization of fragrance by extracting the essential oils from different raw materials. Journal of the Indian Chemical Society, 2021, 98, 100178.	2.8	0
244	Novel Extension of Binary Constraint Method for Automated Frequency Assignment: Application to Military Battlefield Environment. Advances in Intelligent Systems and Computing, 2014, , 569-577.	0.6	0
245	Impact of different intercroppings in the management of pod borer, <i>Helicoverpa armigera</i> L. in chickpea. Journal of Entomological Research, 2015, 39, 219.	0.1	0
246	Fuzzy Link Cost Estimation based Adaptive Tree Algorithm for Routing Optimization in Wireless Sensor Networks using Reinforcement Learning. International Journal of Sensors, Wireless Communications and Control, 2018, 8, 151-164.	0.7	0
247	Achieving business excellence through workplace conflict resolution: using Emotional Intelligence (EI) as an effective tool. International Journal of Business Excellence, 2020, 1, 1.	0.3	0
248	Heavy- and light-nuclei acoustic dressed solitons in white dwarfs. Indian Journal of Physics, 0, , 1.	1.8	0