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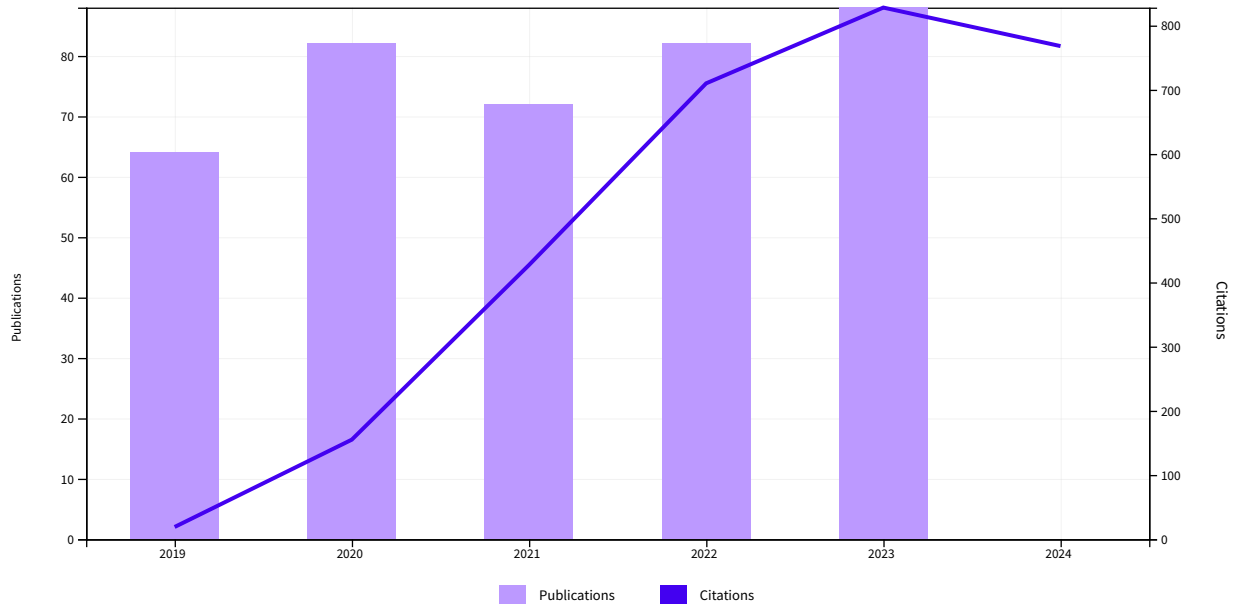

388 Publications

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1 of 8

	Citations						
	Previous year / Next year					Average per year	Total
	2020	2021	2022	2023	2024		
Total	155	427	710	828	768	484.83	2,909
1 Development of black fungus-based 3D printed foods as dysphagia diet: Effect of gums incorporation Xing, XB; Chitrakar, B; (...); Mo, HZ	0	1	24	50	39	28.75	115

	Feb 2022 | FOOD HYDROCOLLOIDS 123							
2	Identifying crop water stress using deep learning models Chandel, NS; Chakraborty, SK; (...); Jat, D May 2021 | NEURAL COMPUTING & APPLICATIONS 33 (10) , pp.5353-5367 Enriched Cited References	0	12	21	21	21	15	75
3	Coupling the maximum overlap discrete wavelet transform and long short-term memory networks for irrigation flow forecasting Mouatadid, S; Adamowski, JF; (...); Quilty, JM Jun 20 2019 | AGRICULTURAL WATER MANAGEMENT 219 , pp.72-85	7	17	17	11	16	12	72
4	Identification of artificial groundwater recharge sites in parts of Yamuna River basin India based on Remote Sensing and Geographical Information System Khan, A; Govil, H; (...); Kumar, G Oct 2020 | GROUNDWATER FOR SUSTAINABLE DEVELOPMENT 11	3	24	21	11	11	14	70
5	Crop biofortification for iron (Fe), zinc (Zn) and vitamin A with transgenic approaches Kumar, S; Palve, A; (...); Rukhsar Jun 2019 | HELIYON 5 (6)	8	12	18	18	10	11.33	68
6	Bioactive peptides in the management of lifestyle-related diseases: Current trends and future perspectives Singh, BP; Aluko, RE; (...); Solanki, D Sep 25 2022 | CRITICAL REVIEWS IN FOOD SCIENCE AND NUTRITION 62 (17) , pp.4593-4606	0	5	24	21	16	16.5	66
7	A Systematic Review of Coastal Vulnerability Assessment Studies along Andhra Pradesh, India: A Critical Evaluation of Data Gathering, Risk Levels and Mitigation Strategies Kantamaneni, K; Rani, NNVS; (...); Campos, LC Feb 2019 | WATER 11 (2)	9	14	11	10	11	9.33	56
8	Revisiting the plant growth-promoting rhizobacteria: lessons from the past and objectives for the future Aeron, A; Khare, E; (...); Meena, RK	3	15	14	10	13	11	55

	May 2020 | ARCHIVES OF MICROBIOLOGY 202 (4) , pp.665-676							
9	Wheat crop yield prediction using new activation functions in neural network Bhojani, SH and Bhatt, N Sep 2020 | NEURAL COMPUTING & APPLICATIONS 32 (17) , pp.13941-13951 Enriched Cited References	2	8	14	14	14	10.4	52
10	Microwave assisted fluidized bed drying of nutmeg mace for essential oil enriched extracts: An assessment of drying kinetics, process optimization and quality Srinivas, Y; Mathew, SM; (...); Pandiselvam, R Dec 2020 | INNOVATIVE FOOD SCIENCE & EMERGING TECHNOLOGIES 66	0	9	14	14	10	9.4	47
11	Characterization and production of novel antioxidative peptides derived from fermented goat milk by L. fermentum Panchal, G; Hati, S and Sakure, A Feb 2020 | LWT-FOOD SCIENCE AND TECHNOLOGY 119	2	10	13	14	7	9.2	46
12	Whey proteins processing and emergent derivatives: An insight perspective from constituents, bioactivities, functionalities to therapeutic applications Mehra, R; Kumar, H; (...); Guine, RFP Dec 2021 | JOURNAL OF FUNCTIONAL FOODS 87	0	0	11	20	13	11.25	45
13	Short-chain fatty acid and vitamin production potentials of *Lactobacillus* isolated from fermented foods of Khasi Tribes, Meghalaya, India Hati, S; Patel, M; (...); Das, S Nov 2019 | ANNALS OF MICROBIOLOGY 69 (11) , pp.1191-1199	1	8	11	14	10	7.33	44
14	Comparative studies of sunlight mediated green synthesis of silver nanoparaticles from *Azadirachta indica* leaf extract and its antibacterial effect on *Xanthomonas oryzae* pv. *oryzae* Mankad, M; Patil, G; (...); Patel, A Jan 2020 | ARABIAN JOURNAL OF CHEMISTRY 13 (1) , pp.2865-2872	6	13	12	8	4	8.6	43
	Unravelling consensus genomic regions associated with quality traits in wheat using meta-analysis of quantitative trait loci	0	0	11	15	14	13.33	40

15	Gudi, S; Saini, DK; (...); Sharma, A Jun 2022 | PLANTA 255 (6) Enriched Cited References							
16	Role of biostimulants in mitigating the effects of climate change on crop performance Bhupenchandra, I; Chongtham, SK; (...); Khaba, CI Oct 21 2022 | FRONTIERS IN PLANT SCIENCE 13	0	0	2	21	16	13	39
17	Modeling and optimization of developed cocoa beans extractor parameters using box behnken design and artificial neural network Srikanth, V; Rajesh, GK; (...); Sudheer, KP Oct 2020 | COMPUTERS AND ELECTRONICS IN AGRICULTURE 177	1	9	9	8	5	6.4	32
18	GWAS revealed a novel resistance locus on chromosome 4D for the quarantine disease Karnal bunt in diverse wheat pre-breeding germplasm Singh, S; Sehgal, D; (...); Ortiz, C Apr 7 2020 | SCIENTIFIC REPORTS 10 (1)	2	12	9	7	1	6.2	31
19	Synergistic use of Sentinel-1 and Sentinel-2 for improved LULC mapping with special reference to bad land class: a case study for Yamuna River floodplain, India Khan, A; Govil, H; (...); Dave, R Dec 2020 | SPATIAL INFORMATION RESEARCH 28 (6) , pp.669-681	5	7	8	5	4	5.8	29
20	Transcriptome landscaping for gene mining and SSR marker development in Coriander (*Coriandrum sativum* L.) Tulsani, NJ; Hamid, R; (...); Golakiya, BA Mar 2020 | GENOMICS 112 (2) , pp.1545-1553	4	7	12	1	5	5.8	29
21	Evaluation of PROSAIL inversion for retrieval of chlorophyll, leaf dry matter, leaf angle, and leaf area index of wheat using spectrodirectional measurements Lunagaria, MM and Patel, HR Nov 2 2019 | INTERNATIONAL JOURNAL OF REMOTE SENSING 40 (21) , pp.8125-8145	4	8	7	5	3	4.83	29
		2	6	7	9	4	5.6	28

22	β-Glucosidase from almonds and yoghurt cultures in the biotransformation of isoflavones in soy milk Hati, S; Ningtyas, DW; (...); Prakash, S Apr 2020 | FOOD BIOSCIENCE 34							
23	Briquetting of Pine Needles (Pinus roxburgii) and Their Physical, Handling and Combustion Properties Mandal, S; Kumar, GVP; (...); Jena, PC Aug 2019 | WASTE AND BIOMASS VALORIZATION 10 (8) , pp.2415-2424	9	2	5	8	3	4.67	28
24	Bioconversion and bioaccessibility of isoflavones from sogurt during *in vitro* digestion Ningtyas, DW; Hati, S and Prakash, S May 1 2021 | FOOD CHEMISTRY 343	0	4	7	8	7	6.5	26
25	Host transcriptome and microbiome interaction modulates physiology of full-sibs broilers with divergent feed conversion ratio Shah, TM; Patel, JG; (...); Joshi, CG Sep 20 2019 | NPJ BIOFILMS AND MICROBIOMES 5	3	7	7	3	6	4.33	26
26	Exploring the Potentiality of *Lactobacillus* Cultures on the Production of Milk-Derived Bioactive Peptides with Antidiabetic Activity Kinariwala, D; Panchal, G; (...); Hati, S Sep 2020 | INTERNATIONAL JOURNAL OF PEPTIDE RESEARCH AND THERAPEUTICS 26 (3) , pp.1613-1627 Enriched Cited References	2	4	8	6	5	4.17	25
27	*Phoenix* phylogeny, and analysis of genetic variation in a diverse collection of date palm (*Phoenix dactylifera*) and related species Chaluvadi, SR; Young, P; (...); Bennetzen, JL Oct 2019 | PLANT DIVERSITY 41 (5) , pp.330-339	6	7	3	5	2	3.83	23

28	A comparative study of fermented buffalo and camel milk with anti-inflammatory, ACE-inhibitory and anti-diabetic properties and release of bio active peptides with molecular interactions: *In vitro, in silico* and molecular study Khakhariya, R; Sakure, AA; (...); Hati, S Apr 2023 | FOOD BIOSCIENCE 52	0	0	0	4	18	11	22
29	Bioactivities and ACE-inhibitory peptides releasing potential of lactic acid bacteria in fermented soy milk Trupti, JU; Das, S; (...); Hati, S May 3 2021 | FOOD PRODUCTION PROCESSING AND NUTRITION 3 (1)	0	1	9	7	5	5.5	22
30	Characterizing rumen microbiota and CAZyme profile of Indian dromedary camel (Camelus dromedarius) in response to different roughages Hinsu, AT; Tulsani, NJ; (...); Jakhesara, SJ Apr 30 2021 | SCIENTIFIC REPORTS 11 (1) Enriched Cited References	0	1	12	2	7	5.5	22
31	Techno-functional characterization of indigenous *Lactobacillus* isolates from the traditional fermented foods of Meghalaya, India Das, S; Mishra, BK and Hati, S Nov 2020 | CURRENT RESEARCH IN FOOD SCIENCE 3 , pp.9-18	1	6	5	4	6	4.4	22
32	Exploring the Genetic Cipher of Chickpea (*Cicer arietinum* L.) Through Identification and Multi-environment Validation of Resistant Sources Against Fusarium Wilt (*Fusarium oxysporum* f. sp. *ciceris*) Sharma, M; Ghosh, R; (...); Harer, PN Sep 20 2019 | FRONTIERS IN SUSTAINABLE FOOD SYSTEMS 3	2	7	5	2	6	3.67	22
33	Purification and Production of Novel Angiotensin I-Converting Enzyme (ACE) Inhibitory Bioactive Peptides Derived from Fermented Goat Milk Parmar, H; Hati, S; (...); Sakure, AA Jun 2020 | INTERNATIONAL JOURNAL OF PEPTIDE RESEARCH AND THERAPEUTICS 26 (2) , pp.997-1011	1	3	8	4	4	4.2	21

34	Biofunctional Attributes and Storage Study of Soy Milk Fermented by *Lactobacillus rhamnosus* and *Lactobacillus helveticus* Mishra, BK; Hati, S; (...); Prajapati, JB Jul-sep 2019 | FOOD TECHNOLOGY AND BIOTECHNOLOGY 57 (3) , pp.399-407	4	7	5	3	2	3.5	21
35	Boron availability in soils and its nutrition of crops under long-term fertility experiments in India Das, R; Mandal, B; (...); Narkhede, WN Oct 1 2019 | GEODERMA 351 , pp.116-129	4	1	6	7	2	3.33	20
36	Utilization of Fruit Seed-Based Bioactive Compounds for Formulating the Nutraceuticals and Functional Food: A Review Allaqaband, S; Dar, AH; (...); Shaikh, AM May 23 2022 | FRONTIERS IN NUTRITION 9	0	0	4	5	10	6.33	19
37	Antioxidative, antimicrobial and anti-inflammatory activities and release of ultra-filtered antioxidative and antimicrobial peptides during fermentation of sheep milk: *In-vitro*, *in-silico* and molecular interaction studies Ashokbhai, JK; Basaiawmoit, B; (...); Hatia, S Jun 2022 | FOOD BIOSCIENCE 47	0	0	2	11	6	6.33	19
38	Genetic gains with rapid-cycle genomic selection for combined drought and waterlogging tolerance in tropical maize (*Zea mays* L.) Das, RR; Vinayan, MT; (...); Zaidi, PH Nov 2020 | PLANT GENOME 13 (3) Enriched Cited References	0	8	4	4	3	3.8	19
39	Unraveling the camel rumen microbiome through metaculturomics approach for agriculture waste hydrolytic potential Srivastava, S; Dafale, NA; (...); Purohit, HJ Jan 2021 | ARCHIVES OF MICROBIOLOGY 203 (1) , pp.107-123 Enriched Cited References	0	4	10	1	4	3.8	19
	Determination of bioethanol production potential from lignocellulosic biomass using novel Cel-5m isolated from cow	1	5	4	5	4	3.8	19

40	rumen metagenome Patel, M; Patel, HM and Dave, S Jun 15 2020 | INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES 153 , pp.1099-1106							
41	*De novo* Assembly and Genome-Wide SNP Discovery in Rohu Carp, *Labeo rohita* Das, P; Sahoo, L; (...); Jena, J Apr 21 2020 | FRONTIERS IN GENETICS 11	2	2	7	3	5	3.8	19
42	Mapping crop types in fragmented arable landscapes using AVIRIS-NG imagery and limited field data Salas, EAL; Subburayalu, SK; (...); Parekh, P Jan 2 2020 | INTERNATIONAL JOURNAL OF IMAGE AND DATA FUSION 11 (1) , pp.33-56 Enriched Cited References	3	6	6	2	2	3.17	19
43	Draft genome analysis of lignocellulolytic enzymes producing *Aspergillus terreus* with structural insight of β-glucosidases through molecular docking approach Dadheech, T; Jakhesara, S; (...); Joshi, C Mar 15 2019 | INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES 125 , pp.181-190	4	3	4	5	2	3.17	19
44	An open-source instrumentation package for intensive soil hydraulic characterization Concialdi, P; Di Prima, S; (...); Lassabatere, L Mar 2020 | JOURNAL OF HYDROLOGY 582	2	6	2	3	5	3.6	18
45	Unlocking the hidden variation from wild repository for accelerating genetic gain in legumes Singh, G; Gudi, S; (...); Ayoubi, H Nov 9 2022 | FRONTIERS IN PLANT SCIENCE 13	0	0	1	6	10	5.67	17
46	Development of genomic microsatellite markers in cluster bean using next-generation DNA sequencing and their utility in diversity analysis Kumar, S; Palve, AS; (...); Rathore, A Jan 2020 | CURRENT PLANT BIOLOGY 21	2	4	7	2	2	3.4	17

47	Transcriptome analysis identified aberrant gene expression in pollen developmental pathways leading to CGMS in cotton (*Gossypium hirsutum* L.) Hamid, R; Marashi, H; (...); Sabara, PH Jun 24 2019 | PLOS ONE 14 (6)	2	6	3	5	1	2.83	17
48	Metagenomic characterisation of ruminal bacterial diversity in buffaloes from birth to adulthood using 16S rRNA gene amplicon sequencing Koringa, PG; Thakkar, JR; (...); Joshi, CG Mar 2019 | FUNCTIONAL & INTEGRATIVE GENOMICS 19 (2) , pp.237-247	2	5	4	3	2	2.83	17
49	Deployment of AMMI, GGE-biplot and MTSI to select elite genotypes of castor *(Ricinus communis* L.)							