Research Data 2021-2025

Goal 2 | Total Publications: 37

S. No	Author full names	Title	Year	Field-Weighted Citation Impact	Field-Citation Average	CiteScore (publication year)	SDG GOALS	Cited by	DOI	Link	Authors with affiliations	ISBN	Document Type
1	Kumar, Antul (57214227802); Choudhary, Anuj (57214233015); Kaur, Harmanjot (57188931498); Guha, Satyakam (58585827700); Mehta, Sahil (57215285440); Husen, Azamal (6602957635)	Potential Applications of Engineered Nanoparticles in Plant Disease Management: A Critical Update	2022	6.77	15.06	13.3	Goal 2	138	10.1016/j.chemosphere.2022.133798	https://www.scopus.com/pages/publications/85124276509?origin=resultslist	Kumar A., Department of Botany, Punjab Agricultural University, Ludhiana, 141004, India; Choudhary A., Department of Botany, Punjab Agricultural University, Ludhiana, 141004, India; Kaur H., Department of Botany, Punjab Agricultural University, Ludhiana, 141004, India; Guha S., Department of Botany, Hansraj College, University of Delhi, Delhi, 110007, India; Mehta S., International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, 110067, India, School of Agricultural Sciences, K.R. Mangalam University, Sohna Rural, Haryana, 122103, India; Husen A., Wolaita Sodo University, P.O. Box: 138, Wolaita, Ethiopia		Article
2	Ramlal, Ayyagari (57219482340); Nautiyal, Aparna (57305974500); Baweja, Pooja (55282939000); Kumar Mahto, Rohit (57935932700); Mehta, Sahil (57215285440); Pujari Mallikarunja, Bingi (57936754100); Vijayan, Roshni (57201131708); Saluja, Shukla (16175774100); Kumar, Vijay (57205351345); Kumar Dhiman, Sunil (57936621400); Lal, S.K. (50861392000); Raju, Dhandapani (57207704162); Rajendran, Ambika (55948752500)	Harnessing heterosis and male sterility in soybean [Glycine max (L.) Merrill]: A critical revisit	2022	0.46	32.91	7.1	Goal 2	28	10.3389/fpls.2022.981768	https://www.scopus.com/pages/publications/85140326877?origin=resultslist	Ramlal A., Division of Genetics, ICAR-Indian Agricultural Research Institute (IARI), Pusa Campus, New Delhi, India, Department of Botany, Institute of Science, Banaras Hindu University (BHU), Uttar Pradesh, Varanasi, India; Nautiyal A., Department of Botany, Deshbandhu College, University of Delhi, New Delhi, India, DBC i4 Center, Deshbandhu College, New Delhi, India; Baweja P., Department of Botany, Maitreyi College, University of Delhi, New Delhi, India; Kumar Mahto R., Division of Genetics, ICAR-Indian Agricultural Research Institute (IARI), Pusa Campus, New Delhi, India, School of Biotechnology, Institute of Science, Banaras Hindu University (BHU), Uttar Pradesh, Varanasi, India; Mehta S., School of Agricultural Sciences, K. R. Mangalam University, Haryana, Gurugram, India; Pujari Mallikarunja B., Division of Genetics, Regional Research Centre, ICAR-Indian Agricultural Research Institute (IARI), Karnataka, Dharwad, India; Vijayan R., Regional Agricultural Research Station, Kerala Agricultural University, Kerala, Pattambi, India; Saluja S., Department of Botany, Sri Venkateswara College, University of Delhi, New Delhi, India; Kumar V., Department of Botany, Shivaji College, University of Delhi, New Delhi, India; Kumar Dhiman S., Department of Botany, Kirori Mal College, University of Delhi, New Delhi, India; Lal S.K., Division of Genetics, ICAR-Indian Agricultural Research Institute (IARI), Pusa Campus, New Delhi, India; Raju D., Division of Plant Physiology, ICAR-Indian Agricultural Research Institute (IARI), Pusa Campus, New Delhi, India; Rajendran A., Division of Genetics, ICAR-Indian Agricultural Research Institute (IARI), Pusa Campus, New Delhi, India		Review
3	Jeandet, Philippe (7003403634); Trotel-Aziz, Patricia (6507396226); Jacquard, Cédric (13005944800); Clément, Christophe (7102300519); Mohan, Chandra (57191527445); Morkunas, Iwona (6508288625); Khan, Haroon (14521310700); Aziz, Aziz (55665522900)	Use of Elicitors and Beneficial Bacteria to Induce and Prime the Stilbene Phytoalexin Response: Applications to Grapevine Disease Resistance	2023	0.53	20.65	6.2	Goal 2	18	10.3390/agronomy13092225	https://www.scopus.com/pages/publications/85172684461?origin=resultslist	Jeandet P., Research Unit “Induced Resistance and Plant Bioprotection”, RIBP-USC INRAe 1488, University of Reims Champagne-Ardenne, Reims, 51100, France; Trotel-Aziz P., Research Unit “Induced Resistance and Plant Bioprotection”, RIBP-USC INRAe 1488, University of Reims Champagne-Ardenne, Reims, 51100, France; Jacquard C., Research Unit “Induced Resistance and Plant Bioprotection”, RIBP-USC INRAe 1488, University of Reims Champagne-Ardenne, Reims, 51100, France; Clément C., Research Unit “Induced Resistance and Plant Bioprotection”, RIBP-USC INRAe 1488, University of Reims Champagne-Ardenne, Reims, 51100, France; Mohan C., Department of Chemistry, School of Basic and Applied Sciences, K. R. Mangalam University, Gurugram, 122103, India; Morkunas I., Department of Plant Physiology, Faculty of Agriculture, Horticulture and Bioengineering, Poznań University of Life Sciences, Wołyńska 35, Poznań, 60-637, Poland; Khan H., Simcyp Division, Certara, Sheffield, S1 2BJ, United Kingdom; Aziz A., Research Unit “Induced Resistance and Plant Bioprotection”, RIBP-USC INRAe 1488, University of Reims Champagne-Ardenne, Reims, 51100, France		Review

4	Choudhary, Anuj (57214233015); Sharma, Shivam (56140107400); Kaur, Harmanjot (57188931498); Sharma, Neha (57218538975); Gadewar, Manoj M. (57200719145); Mehta, Sahil (57215285440); Husen, Azamal (6602957635)	Plant system, abiotic stress resilience, reactive oxygen species, and coordination of engineered nanomaterials: A review	2024	1.45	8.95	5.3	Goal 2	21	10.1016/j.sajb.2024.05.053	https://www.scopus.com/pages/publications/85195061570?origin=resultslist	Choudhary A., Department of Biology and Environmental Sciences, CSK HPKV Palampur, Himachal Pradesh, 176062, India; Sharma S., Department of Vegetable Science and Floriculture, CSK HPKV Palampur, Himachal Pradesh, 176062, India; Kaur H., Department of Botany, Punjab Agriculture University, Punjab, Ludhiana, 141004, India; Sharma N., Department of Vegetable Science and Floriculture, CSK HPKV Palampur, Himachal Pradesh, 176062, India; Gadewar M.M., Department of Pharmacology, School of Medical and Allied Sciences, K.R. Mangalam University, Sohna, Haryana, Gurugram, 122103, India; Mehta S., Department of Botany, Hansraj College, University of Delhi, New Delhi, Delhi, 110007, India; Husen A., Department of Biotechnology, Smt. S.S. Patel Nootan Science & Commerce College, Sankalchand Patel University, Gujarat, Visnagar, 384315, India, Department of Biotechnology, Graphic Era (Deemed to be University), Uttarakhand, Dehradun, 248002, India, Wolaita Sodo University, PO Box 138, Wolaita, Ethiopia		Review
5	Chattopadhyay, Anirudha (57189694805); Purohit, Jyotika (55325260400); Mehta, Sahil (57215285440); Parmar, Hemangini (57189646949); Karippadakam, Sangeetha (57467077900); Rashid, Afreen (57466647500); Balamurugan, Alexander (57195518732); Bansal, Shilpi (55279966800); Prakash, Ganesan (56688199900); Mohan Murali Achary, V. (37064340700); Reddy, Malireddy K. (7402242401)	Precision Genome Editing Toolbox: Applications and Approaches for Improving Rice's Genetic Resistance to Pathogens	2022	0.39	30.69	5.2	Goal 2	19	10.3390/agronomy12030565	https://www.scopus.com/pages/publications/85125264119?origin=resultslist	Chattopadhyay A., Pulses Research Station, Department of Plant Pathology, SD Agricultural University, Palanpur, 390003, India; Purohit J., Department of Plant Pathology, C. P. College of Agriculture, SD Agricultural University, Palanpur, 385505, India; Mehta S., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, 110067, India, School of Agricultural Sciences, K.R. Mangalam University, Gurugram, 122103, India; Parmar H., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, 110067, India; Karippadakam S., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, 110067, India; Rashid A., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, 110067, India; Balamurugan A., Division of Plant Pathology, ICAR-Indian Agricultural Research Institute, New Delhi, 110012, India; Bansal S., Division of Plant Pathology, ICAR-Indian Agricultural Research Institute, New Delhi, 110012, India; Prakash G., Division of Plant Pathology, ICAR-Indian Agricultural Research Institute, New Delhi, 110012, India; Mohan Murali Achary V., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, 110067, India; Reddy M.K., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, 110067, India		Review
6	Sharma, Shivam (56140107400); Kumar, Antul (57214227802); Choudhary, Anuj (57214233015); Harish, B.M. (57215457986); Karmakar, Pritam (57908093700); Sharma, Payal (60512029700); Singh, Jitendra (57218281466); Pandey, Varsha (57616803800); Mehta, Sahil (57215285440)	Recent developments in smart nano-agrochemicals: A promise for revolutionizing present-day agriculture	2022	1.53	5.87	3.2	Goal 2	15	10.1016/j.matpr.2022.09.306	https://www.scopus.com/pages/publications/85138794611?origin=resultslist	Sharma S., Department of Vegetable Science, CSK HPKV Palampur, Himachal Pradesh, 176062, India; Kumar A., Department of Botany, Punjab Agriculture University, Punjab, Ludhiana, 141004, India; Choudhary A., Department of Botany, Punjab Agriculture University, Punjab, Ludhiana, 141004, India; Harish B.M., Department of Vegetable Science, CSK HPKV Palampur, Himachal Pradesh, 176062, India; Karmakar P., Medical Laboratory Technologist, North Bengal Medical College, Siliguri, West Bengal, Darjeeling, 734012, India; Sharma P., Department of Vegetable Science, CSK HPKV Palampur, Himachal Pradesh, 176062, India; Singh J., Division of Research and Innovation, Uttaranchal University, Uttarakhand, Dehradun, 248007, India; Pandey V., School of Agricultural Sciences, K.R. Mangalam University, Haryana, Gurugram, 122103, India; Mehta S., School of Agricultural Sciences, K.R. Mangalam University, Haryana, Gurugram, 122103, India		Conference paper
7	Sharma, Radhika (57908292500); Kumar, Antul (57214227802); Devgan, Manik (57868469700); Kaur, Arshdeep (60429584300); Kaur, Harmanjot (57188931498); Choudhary, Anuj (57214233015); Kumar Dixit, Anil (57826049400); Singh, Khushboo (56805849700); Mehta, Sahil (57215285440)	Applications of nanostructured materials in agriculture: A review	2022	1.02	5.87	3.2	Goal 2	9	10.1016/j.matpr.2022.09.314	https://www.scopus.com/pages/publications/85138836860?origin=resultslist	Sharma R., Department of Soil Science, Punjab Agricultural University, Punjab, Ludhiana, 141004, India; Kumar A., Department of Botany, Punjab Agriculture University, Punjab, Ludhiana, 141004, India; Devgan M., Department of Plant Breeding and Genetics, Punjab Agricultural University, Punjab, Ludhiana, 141004, India; Kaur A., Department of Plant Breeding and Genetics, Punjab Agricultural University, Punjab, Ludhiana, 141004, India; Kaur H., Department of Botany, Punjab Agriculture University, Punjab, Ludhiana, 141004, India; Choudhary A., Department of Botany, Punjab Agriculture University, Punjab, Ludhiana, 141004, India; Kumar Dixit A., Division of Research and Innovation, Uttaranchal University, Uttarakhand, Dehradun, 248007, India; Singh K., School of Agricultural Sciences, K.R. Mangalam University, Haryana, Gurugram, 122103, India; Mehta S., School of Agricultural Sciences, K.R. Mangalam University, Haryana, Gurugram, 122103, India		Conference paper
8	Nagpal, Pooja (57216801138); Chaudhary, Sarika (58252808500); Kumar, Sunil (57220592056)	Detection of Disease in Plants with Android Integration Using Machine Learning	2022	0	4.16	1.1	Goal 2	0	10.1007/978-981-19-2719-5_13	https://www.scopus.com/pages/publications/85130884169?origin=resultslist	Nagpal P., K R Mangalam University, Haryana, Gurugram, India; Chaudhary S., MRIIRS, Haryana, Faridabad, India; Kumar S., UPES, Uttarakhand, Dehradun, India	978-981192718-8	Conference paper

9	Vatin, Nikolai Ivanovich (6508103761); Joshi, Sanjeev Kumar (58070510300); Acharya, Puja (57226339323); Sharma, Rajat (57196545879); Rajasekhar, N. (57202195837)	Precision Agriculture and Sustainable Yields: Insights from IoT-Driven Farming and the Precision Agriculture Test	2024	12.93	0.62	0.4	Goal 2	16	10.1051/bioconf/20248601091	https://www.scopus.com/pages/publications/85183664087?origin=resultslist	Vatin N.I., Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, 195251, Russian Federation, Lovely Professional University, Punjab, Phagwara, India; Joshi S.K., Uttaranchal University, Dehradun, 248007, India; Acharya P., K R Mangalam University, Gurgaon, India; Sharma R., GD Goenka University, Haryana, Sohna, India; Rajasekhar N., GRIET, Bachupally, Telangana, Hyderabad, India		Conference paper
10	Kumar, Antul (57214227802); Kaur, Harmanjot (57188931498); Choudhary, Anuj (57214233015); Mehta, Kanika (57226309204); Chattopadhyay, Anirudha (57189694805); Mehta, Sahil (57215285440)	Role of nanocomposites in sustainable crop plants' growth and production	2022	0.66	1.51	0	Goal 2	2	10.1016/B978-0-323-91933-3.00002-7	https://www.scopus.com/pages/publications/85143331706?origin=resultslist	Kumar A., Department of Botany, Punjab Agricultural University, Punjab, Ludhiana, India; Kaur H., Department of Botany, Punjab Agricultural University, Punjab, Ludhiana, India; Choudhary A., Department of Botany, Punjab Agricultural University, Punjab, Ludhiana, India; Mehta K., Chaudhary Sarvan Kumar Himachal Pradesh Krishi Vishvavidyalaya, Himachal Pradesh, Palampur, India; Chattopadhyay A., Department of Plant Pathology, Pulses Research Station, S.D. Agricultural University, Gujarat, Satsan, India; Mehta S., School of Agricultural Sciences, K.R. Mangalam University, Haryana, Sohna Rural, India	978-032391933-3; 978-032391411-6	Book chapter
11	Dilawari, Rahul (57218223454); Kaur, Navneet (59394939500); Priyadarshi, Nitesh (57207960225); Prakash, Ish (58194921400); Patra, Anupam (57208885794); Mehta, Sahil (57215285440); Singh, Baljinder (57220978174); Jain, Prateek (57196299346); Islama, Aminul (58194843800)	Soybean: A Key Player for Global Food Security	2022	10.71	2.43	0	Goal 2	62	10.1007/978-3-031-12232-3_1	https://www.scopus.com/pages/publications/85153448521?origin=resultslist	Dilawari R., CSIR-Institute of Microbial Technology, Chandigarh, India; Kaur N., CSIR-Institute of Microbial Technology, Chandigarh, India; Priyadarshi N., DBT-National Agri-Food Biotechnology Institute, Punjab, Mohali, India; Prakash I., Division of Plant Pathology, ICAR-Indian Agricultural Research Institute, India; Patra A., Transcription Regulation Group, International Centre for Genetic Engineering and Biotechnology, New Delhi, India; Mehta S., School of Agricultural Sciences, K. R. Mangalam University, Haryana, Gurugram, India; Singh B., National Institute of Plant Genome Research, New Delhi, India; Jain P., Department of Biology, University of North Carolina at Chapel Hill, Chapel Hill, NC, United States; Islama M.A., Department of Botany, Majuli College, Assam, Majuli, India	978-303112232-3; 978-303112231-6	Book chapter
12	Loyal, Atul (57891654900); Pahuja, S.K. (7003380038); Sharma, Pankaj (57732939400); Malik, Arvind (57208016179); Srivastava, Rakesh K. (8929781700); Mehta, Sahil (57215285440)	Potential environmental and human health implications of nanomaterials used in sustainable agriculture and soil improvement	2022	7.93	1.51	0	Goal 2	20	10.1016/B978-0-323-91933-3.00017-9	https://www.scopus.com/pages/publications/85143341601?origin=resultslist	Loyal A., Department of Genetics and Plant Breeding, CCS Haryana Agricultural University, Haryana, Hisar, India; Pahuja S.K., Department of Genetics and Plant Breeding, CCS Haryana Agricultural University, Haryana, Hisar, India; Sharma P., Department of Microbiology, CCS Haryana Agricultural University, Haryana, Hisar, India; Malik A., Department of Zoology, CCS Haryana Agricultural University, Haryana, Hisar, India; Srivastava R.K., International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Telangana, Patancheru, India; Mehta S., School of Agricultural Sciences, K.R. Mangalam University, Haryana, Sohna Rural, India	978-032391933-3; 978-032391411-6	Book chapter
13	Parmar, Hemangini (57189646949); Venkatapuram, Ajay Kumar (57218246386); Rashid, Afreen (57466647500); Sangeetha, K. (57953931100); Mehta, Sahil (57215285440); Reddy, Malireddy K. (7402242401); Goel, Anjana (8041336600); Achary, V. Mohan M. (37064340700)	Portfolio of Drought Stress Response and Genetic Enhancement Strategies for Development of Future Drought-Tolerant Crop	2022	2.06	2.43	0	Goal 2	5	10.1007/978-981-16-7759-5_24	https://www.scopus.com/pages/publications/85140948723?origin=resultslist	Parmar H., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, India, Department of Biotechnology, GLA University, Uttar Pradesh, Mathura, India; Venkatapuram A.K., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, India; Rashid A., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, India; Sangeetha K., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, India; Mehta S., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, India, School of Agricultural Sciences, K.R. Mangalam University, Haryana, Sohna, India; Reddy M.K., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, India; Goel A., Department of Biotechnology, GLA University, Uttar Pradesh, Mathura, India; Achary V.M.M., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, India	978-981167759-5; 978-981167758-8	Book chapter
14	Sharma, Pankaj (57732939400); Sangwan, Seema (36519718900); Mehta, Sahil (57215285440)	Emerging role of phosphate nanoparticles in agriculture practices	2022	7.93	1.51	0	Goal 2	20	10.1016/B978-0-323-91933-3.00008-8	https://www.scopus.com/pages/publications/85143323162?origin=resultslist	Sharma P., Department of Microbiology, CCS Haryana Agricultural University, Haryana, Hisar, India; Sangwan S., Department of Microbiology, CCS Haryana Agricultural University, Haryana, Hisar, India; Mehta S., International Centre for Genetic Engineering and Biotechnology, New Delhi, India, School of Agricultural Sciences, K.R. Mangalam University, Haryana, Sohna Rural, India	978-032391933-3; 978-032391411-6	Book chapter

15	Kumar, Antul (57214227802); Choudhary, Anuj (57214233015); Kaur, Harmanjot (57188931498); Kumar, Ritesh (55371399900); Sharma, Radhika (57908292500); Gautam, Himani (57554373200); Mehta, Sahil (57215285440)	Water Pollution andMedicinal Plants: Insights into the Impact and Adaptation Responses	2022	7.31	1.23	0	Goal 2	10	10.1201/9781003178866-6	https://www.scopus.com/pages/publications/85150551921?origin=resultslist	Kumar A., Punjab Agricultural University, Ludhiana, India; Choudhary A., Punjab Agricultural University, Ludhiana, India; Kaur H., Punjab Agricultural University, Ludhiana, India; Kumar R., Kansas State University, Manhattan, United States; Sharma R., Dr. Y.S Parmar University of Horticulture and Forestry Nauni, Solan, India; Gautam H., Dr. Y.S Parmar University of Horticulture and Forestry Nauni, Solan, India; Mehta S., International Centre for Genetic Engineering and Biotechnology, K.R. Mangalam University, India	978-100057060-1; 978-103201484-5	Book chapter
16	Sangwan, Seema (36519718900); Sharma, Pankaj (57732939400); Wati, Leela (6505764792); Mehta, Sahil (57215285440)	Effect of chitosan nanoparticles on growth and physiology of crop plants	2022	15.2	1.51	0	Goal 2	44	10.1016/B978-0-323-91933-3.00011-8	https://www.scopus.com/pages/publications/85143309326?origin=resultslist	Sangwan S., Department of Microbiology, CCS Haryana Agricultural University, Haryana, Hisar, India; Sharma P., Department of Microbiology, CCS Haryana Agricultural University, Haryana, Hisar, India; Wati L., Department of Microbiology, CCS Haryana Agricultural University, Haryana, Hisar, India; Mehta S., International Centre for Genetic Engineering and Biotechnology, New Delhi, India, School of Agricultural Sciences, K.R. Mangalam University, Haryana, Sohna Rural, India	978-032391933-3; 978-032391411-6	Book chapter
17	Choudhary, Anuj (57214233015); Kumar, Antul (57214227802); Kaur, Harmanjot (57188931498); Gautam, Himani (57554373200); Venkatapuram, Ajay Kumar (57218246386); Bagaria, Himani (57953996200); Mehta, Sahil (57215285440); Husen, Azamal (6602957635)	Role of plant growth-promoting Rhizobacterium in adventitious root formation	2022	0.38	2.6	0	Goal 2	2	10.1016/B978-0-323-90636-4.00007-6	https://www.scopus.com/pages/publications/85141234407?origin=resultslist	Choudhary A., Department of Botany, Punjab Agricultural University, Punjab, Ludhiana, 141004, India; Kumar A., Department of Botany, Punjab Agricultural University, Punjab, Ludhiana, 141004, India; Kaur H., Department of Botany, Punjab Agricultural University, Punjab, Ludhiana, 141004, India; Gautam H., Department of Entomology, Y.S. Parmar University of Horticulture and Forestry, Himachal Pradesh, Solan, 173230, India; Venkatapuram A.K., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, 110067, India, Department of Microbiology, Palamuru University, Telangana, Mahbubnagar, 509001, India; Bagaria H., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, 110067, India, Department of Bio & Nano Technology, Guru Jambheshwar University of Science and Technology, Haryana, Hisar, 125011, India; Mehta S., Crop Improvement Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, 110067, India, School of Agricultural Sciences, K.R. Mangalam University, Haryana, Sohna Rural, India; Husen A., Wolaita Sodo University, Wolaita, Ethiopia	978-032390636-4; 978-032399824-6	Book chapter
18	Singh, Khushboo (56805849700); Boken, Geeta (58150316700); Mehta, Sahil (57215285440)	Genetic modification and genome engineering of plants for adverse environmental pollution	2022	1.11	2.71	0	Goal 2	3	10.1016/B978-0-323-99978-6.00001-7	https://www.scopus.com/pages/publications/85150552768?origin=resultslist	Singh K., School of Agricultural Sciences, K.R. Mangalam University, Haryana, Gurugram, India; Boken G., Department of Genetics and Plant Breeding, CCS Haryana Agricultural University, Haryana, Hisar, India; Mehta S., Department of Botany, Hansraj College, University of Delhi, New Delhi, India	978-032399978-6	Book chapter
19	Mohan, Chandra (57191527445); Robinson, Jenifer (58342953500); Jammala, Ajitha Priya Neeraja (58765983600)	Conclusion and future perspectives of aptamers in food science and technology	2024	0	0.65	0	Goal 2	0	10.1201/9781003363194-17	https://www.scopus.com/pages/publications/85204759698?origin=resultslist	Mohan C., Department of Chemistry, SBAS, K R Mangalam University, Gurugram, India; Robinson J., Department of Chemistry, SBAS, K R Mangalam University, Gurugram, India; Jammala A.P.N., University of Technology and Applied Sciences, Muscat, Oman	978-104011858-0; 978-103241998-5	Book chapter
20	Mohan, Chandra (57191527445); Kaushik, Ajeet (24080061400); Kumari, Neeraj (57562251100)	The fundamentals of disaster	2024	0	0.59	0	Goal 2	0		https://www.scopus.com/pages/publications/85209599991?origin=resultslist	Mohan C., Department of Chemistry, SBAS, K. R. Mangalam University, Gurugram, India; Kaushik A., Department of Environmental Engineering, Florida Polytechnic University, Lakeland, FL, United States; Kumari N., Department of Chemistry, SBAS, K. R. Mangalam University, Gurugram, India	979-889530112-8; 979-889530059-6	Book chapter
21	Garg, Megha (59180026600); Sharma, Mahima (59416487100); Krishnan, Chippy G. (57952170800)	Disaster relief and rehabilitation strategies in India: A comprehensive analysis	2024	0	0.59	0	Goal 2	0		https://www.scopus.com/pages/publications/85209600687?origin=resultslist	Garg M., School of Legal Studies, K. R. Mangalam University, Gurugram, India; Sharma M., Maharaja Surajmal Institute of Technology, GGSIPU, New Delhi, India; Krishnan C.G., Faculty of Law, SGT University, Gurugram, India	979-889530112-8; 979-889530059-6	Book chapter
22	Mohan, Chetan (59416480500); Sharma, Kaveri (59416487300)	Climate disasters: Causes, effects and prevention	2024	0	0.59	0	Goal 2	0		https://www.scopus.com/pages/publications/85209599461?origin=resultslist	Mohan C., School of Legal Studies, K. R. Mangalam University, Gurugram, India; Sharma K., School of Law, Manav Rachna University, Faridabad, India	979-889530112-8; 979-889530059-6	Book chapter

23	Agrawal, Mohit (58664017200); Sharma, Piush (38562140800); Garg, Shiv (56165157000); Bhatia, Sandeep (56117748500); Laxmikant (59250684700); Sharma, Bhawana (58825879300); Dwivedi, Abhishek (59346803700); Goyal, Pramod Kumar (56117374400); Chauhan, Anushka (59750659400); Ahsan, Mohamed Jawed (35072548900); Chaudhary, Hema (57197936342)	Translational Research and Clinical Advancements with Nutraceutical Supplements	2024	0	0.25	0	Goal 2	1	10.1007/978-981-99-5575-6_33	https://www.scopus.com/pages/publications/105003353920?origin=resultslist	Agrawal M., School of Medical & Allied Sciences, K.R. Mangalam University, Haryana, Gurgaon, India; Sharma P., Department of Pharmacognosy, Maharishi Arvind College of Pharmacy, Rajasthan, Jaipur, India; Garg S., Department of Pharmaceutics, Maharishi Arvind College of Pharmacy, Rajasthan, Jaipur, India; Bhatia S., Department of Pharmaceutical Chemistry, Maharishi Arvind College of Pharmacy, Rajasthan, Jaipur, India; Laxmikant, Department of Pharmacognosy, Maharishi Arvind College of Pharmacy, Rajasthan, Jaipur, India; Sharma B., Department of Pharmaceutics, Maharishi Arvind College of Pharmacy, Rajasthan, Jaipur, India; Dwivedi A., Department of Pharmaceutics, Maharishi Arvind College of Pharmacy, Rajasthan, Jaipur, India; Goyal P.K., Department of Pharmaceutical Chemistry, Maharishi Arvind College of Pharmacy, Rajasthan, Jaipur, India; Chauhan A., Department of Pharmaceutics, Maharishi Arvind College of Pharmacy, Rajasthan, Jaipur, India; Ahsan M.J., Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Jahangirabad Institute of Technology, Uttar Pradesh, Barabanki, India; Chaudhary H., School of Medical & Allied Sciences, K.R. Mangalam University, Haryana, Gurgaon, India	978-981995575-6; 978-981995574-9	Book chapter
24	Jan, Bisma (57222982898); Mohapatra, Sradhanjali (57217750567); Samal, Monalisha (57226129260); Choudhary, Bharti (59139291100); Basist, Parakh (57216365001)	Role of artificial intelligence in food and agriculture industries: an updated review	2025	0	0	0	Goal 2	2	10.1186/s41110-025-00392-w	https://www.scopus.com/pages/publications/105022932280?origin=resultslist	Jan B., Department of Biotechnology, IILM University, Uttar Pradesh, Greater Noida, India; Mohapatra S., School of pharmaceutical sciences, Apeejay Stya University, Sohna road, Haryana, Gurugram, India; Samal M., Department of Pharmacognosy, School of Pharmaceutical & Technology Management, SVKM's Narsee Monjee Institute of Management Studies (NMIMS) Deemed-to-be-university, TS, Jadcherla, Hyderabad, India; Choudhary B., Department of Biotechnology, IILM University, Uttar Pradesh, Greater Noida, India; Basist P., School of Medical and Allied Sciences, KR Mangalam University, Gurugram, India		Review
25	Kumar, K. Ravi (60132483900); Mathur, Abhishek (57208475308); Awasthi, Garima (24456342200); Sharma, Anuj (56537380700); Sharma, Vishal (59880507200); Awasthi, Kumud Kant (55808330800)	Bioameliorative role of Janibacter terrae KR41 in enhancing crop yield under salinity stress	2025	0	0	0	Goal 2	0	10.1007/s42452-025-07876-4	https://www.scopus.com/pages/publications/105021088880?origin=resultslist	Kumar K.R., Department of Life Sciences, Vivekananda Global University, Rajasthan, Jaipur, India, R & D Centre, SOM Phytopharma (India) Limited, Telangana, Hyderabad, India; Mathur A., R & D Centre, Prathista Industries Limited, Telangana, Hyderabad, India; Awasthi G., School of Basic & Applied Sciences, K R Mangalam University, Haryana, Gurugram, India; Sharma A., School of Sciences, ITM University, Madhya Pradesh, Gwalior, India; Sharma V., Department of Life Sciences, Vivekananda Global University, Rajasthan, Jaipur, India; Awasthi K.K., School of Basic & Applied Sciences, K R Mangalam University, Haryana, Gurugram, India		Article
26	Nagar, Varad (57409167800); Sharma, Anuj (56537380700); Sankhla, Mahipal Singh (57219964786); Pandey, Kamakshi (57408095400); Awasthi, Garima (24456342200)	Configuration and Preparation Methods of Nanopesticides	2025	0	0	0	Goal 2	0	10.1201/9781003605874-5	https://www.scopus.com/pages/publications/105029324578?origin=resultslist	Nagar V., Department of Forensic Science, Vivekananda Global University, Rajasthan, Jaipur, India; Sharma A., Department of Forensic Science, Vivekananda Global University, Rajasthan, Jaipur, India; Sankhla M.S., K. R. Mangalam University, Haryana, Gurugram, India; Pandey K., Materials Research Center, Malaviya National Institute of Technology, Rajasthan, Jaipur, India, Department of Physics, Malaviya National Institute of Technology, Rajasthan, Jaipur, India; Awasthi G., K. R. Mangalam University, Haryana, Gurugram, India	978-104032703-6; 978-177491966-8	Book chapter
27	Singla, Manish Kumar (57208304510); Gupta, Jyoti (57208304758); Gupta, Anupma (57209589407); Safaraliev, Murodbek (57208887917); Zeinoddini-Meymand, Hamed (57547160000); Kumar, Ramesh (57216257314)	Empowering Rural Farming: Agrovoltaic Applications for Sustainable Agriculture	2025	1.43	2.1	0	Goal 2	18	10.1002/ese3.2017	https://www.scopus.com/pages/publications/85213415280?origin=resultslist	Singla M.K., Department of Biosciences, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai, India, Applied Science Research Center, Applied Science Private University, Amman, Jordan; Gupta J., School of Engineering and Technology, K.R. Mangalam University, Haryana, Gurugram, India; Gupta A., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, Rajpura, India; Safaraliev M., Department of Automated Electrical Systems, Ural Federal University, Yekaterinburg, Russian Federation; Zeinoddini-Meymand H., Department of Electrical and Computer Engineering, Graduate University of Advanced Technology, Kerman, Iran; Kumar R., Department of Interdisciplinary Courses in Engineering, Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, Rajpura, India, Jadara University Research center, Jadara University, Jordan		Review
28	Chakraborty, Vaidik (60497529200); Mishra, Udaya S (7202981852)	The Geography of Hunger in India: Trends and Patterns in Regional Disparities in Nutritional Deprivation	2025	0	0	0	Goal 2	0		https://www.scopus.com/pages/publications/105032674547?origin=resultslist	Chakraborty V., K R Mangalam University, Gurugram, India; Mishra U.S., International Institute for Population Sciences, Mumbai, India		Article

29	Ravi Kumar, K. (57214980489); Awasthi, Garima (24456342200); Sankhla, Mahipal Singh (57219964786); Mathur, Abhishek (57208475308); Saxena, Pallavi (59041463200); Awasthi, Anjali (58713710300); Awasthi, Kumud Kant (55808330800)	Current Advances in Microbial Consortia of Actinobacteria and PGPR to Improve Crop Resilience and Soil Fertility in Salinity Degraded Soils	2025	0	0	0	Goal 2	3	10.1177/1550908 7251398287	https://www.scopus.com/pages/publications/105027563487?origin=resultslist	Ravi Kumar K., Department of Life Sciences, Vivekananda Global University, Jaipur, India; Awasthi G., School of Basic & Applied Sciences, K R Mangalam University, Gurugram, India; Sankhla M.S., School of Basic & Applied Sciences, K R Mangalam University, Gurugram, India; Mathur A., R&D Centre, Prathista Industries Limited, Secunderabad, India; Saxena P., School of Sciences, Woxsen University, Hyderabad, India; Awasthi A., Department of Zoology, University of Rajasthan, Jaipur, India; Awasthi K.K., Department of Life Sciences, Vivekananda Global University, Jaipur, India, School of Basic & Applied Sciences, K R Mangalam University, Gurugram, India		Review
30	Janaki, M.C. (59674139500); Gopika, Shaji (60132405900); Sankhla, Mahipal Singh (57219964786)	Metal Harvest: Investigating Traces of Heavy Metals in Vegetables for Food Safety and Environmental Health	2025	0	0	0	Goal 2	0	10.1007/978-3-031-93444-5_57	https://www.scopus.com/pages/publications/105018211297?origin=resultslist	Janaki M.C., Department of Forensic Science, Kalasalingam Academy of Research and Education (Deemed to be University), Tamilnadu, Krishnankoil, India; Gopika S., Department of Forensic Science, Kalasalingam Academy of Research and Education (Deemed to be University), Tamilnadu, Krishnankoil, India; Sankhla M.S., School of Basic and Applied Sciences, K. R. Mangalam University, Haryana, Gurugram, India		Book chapter
31	Hasan, Shahnaz Mohammed (60132487300); Sharma, Anuj (56537380700); Sankhla, Mahipal Singh (57219964786); Mishra, Vaibhav (59665033800); Kumari, Poonam (59866457100); Sharma, Tina (57192404316); Gautam, Archana (58763075800)	Arsenic Contamination in Rice: Impact on Human Health and Mitigation Strategies for Reducing Arsenic Exposure	2025	0	0	0	Goal 2	0	10.1007/978-3-031-93444-5_52	https://www.scopus.com/pages/publications/105018189750?origin=resultslist	Hasan S.M., Department of Forensic Science, (UIAHS), Chandigarh University, Punjab, Mohali, India; Sharma A., Department of Forensic Science, SOS, ITM University, Madhya Pradesh, Gwalior, India; Sankhla M.S., School of Basic and Applied Sciences, K.R. Mangalam University, Haryana, Gurugram, India; Mishra V., Department of Forensic Science, (UIAHS), Chandigarh University, Punjab, Mohali, India; Kumari P., Department of Forensic Science, School of Basics and Applied Sciences Galgotias University, Uttar Pradesh, Greater Noida, India; Sharma T., Department of Forensic Science, Bahra University Shimla Hills, Himachal Pradesh, India; Gautam A., Department of Forensic Science, SOS, ITM University, Madhya Pradesh, Gwalior, India		Book chapter
32	Rashid, Saba (57639986700); Yadav, Baljeet (60174380800); Sankhla, Mahipal Singh (57219964786); Singla, Anu (57197307421); Prakash, Shakti (60111846000); Ahi, Shobha (6508341042)	Tracing Environmental Changes Over Time	2025	0	0	0	Goal 2	0	10.1007/978-981-95-0199-1_4	https://www.scopus.com/pages/publications/105024042390?origin=resultslist	Rashid S., School of Basic and Applied Sciences, K. R. Mangalam University, Haryana, Gurugram, India; Yadav B., School of Basic and Applied Sciences, K. R. Mangalam University, Haryana, Gurugram, India; Sankhla M.S., School of Basic and Applied Sciences, K. R. Mangalam University, Haryana, Gurugram, India; Singla A., APJ Abdul Kalam Institute of Forensic Science and Criminology, Bundelkhand University, Uttar Pradesh, Jhansi, India; Prakash S., School of Behavioural Sciences and Forensic Investigation, Rashtriya Raksha University, Gujarat, Gandhinagar, India; Ahi S., Kings College London, London, United Kingdom	978-981950199-1; 978-981950198-4	Book chapter
33	Yadav, Baljeet (60174380800); Sharma, Girraj (59146950800); Sankhla, Mahipal Singh (57219964786); Sehgal, Shivani (59872042400); Tomar, Janmejay Singh (60174738800); Dubey, Anjali (60174527700)	Integrative Forensic Methods in Food Contaminant Detection and Identification	2025	0	0	0	Goal 2	2	10.4018/979-8-3373-3982-5.ch003	https://www.scopus.com/pages/publications/105020771352?origin=resultslist	Yadav B., KR Mangalam University, Gurugram, India; Sharma G., O.P. Jindal Global University, Sonipat, India; Sankhla M.S., KR Mangalam University, Gurugram, India; Sehgal S., KR Mangalam University, Gurugram, India; Tomar J.S., Institute of Professional Studies, India; Dubey A., Medicaps University, India	979-833733984-9; 979-833733982-5	Book chapter
34	Rani, Ginni (59180004700); Payal (59906662000); Kumar, Anil (57214421363); Mohan, Chandra (57191527445)	Weed Waste Management: Waste-To-Wealth Approach	2025	0	0.14	0	Goal 2	0	10.1007/978-3-031-78420-0_6	https://www.scopus.com/pages/publications/105005665288?origin=resultslist	Rani G., Department of Chemistry, DPG Degree College, Gurugram, 122001, India; Payal, Department of Chemistry, DPG Degree College, Gurugram, 122001, India; Kumar A., Department of Applied Sciences, Bharati Vidyapeeth's College of Engineering, New Delhi, India; Mohan C., Department of Chemistry, SBAS, K. R. Mangalam University, Gurugram, 122103, India	978-303178420-0; 978-303178419-4	Book chapter
35	Sharma, Ruhani (57880167300); Agrawal, Ankush (57223352447); Awasthi, Garima (24456342200); Awasthi, Anjali (58713710300); Awasthi, Kumud Kant (55808330800); Pandey, Harsh (57215501560)	Evaluation the Effect of Green Synthesized Zinc Oxide Nanosheets on Rice Seedling Germination and Growth	2025	0	0	0	Goal 2	0	10.1007/978-3-031-93444-5_93	https://www.scopus.com/pages/publications/105018210181?origin=resultslist	Sharma R., Department of Life Sciences, Vivekananda Global University, Rajasthan, Jaipur, India, Department of Zoology, University of Rajasthan, Rajasthan, Jaipur, India; Agrawal A., Department of Zoology, University of Rajasthan, Rajasthan, Jaipur, India; Awasthi G., Department of Life Sciences, Vivekananda Global University, Rajasthan, Jaipur, India; Awasthi A., Department of Zoology, University of Rajasthan, Rajasthan, Jaipur, India; Awasthi K.K., School of Basic & Applied Sciences, K R Mangalam University, Haryana, Gurugram, India; Pandey H., Department of Biotechnology and Chemical Engineering, Manipal University, Rajasthan, Jaipur, India		Book chapter

36	Aseri, Vinay (57408486700); Kumari, Poonam (59866457100); Godara, Vanisha (57670008900); Awasthi, Garima (24456342200); Kumawat, Tarun Kumar (57189708100); Fagna, Shalini (60283737800); Singh, G.P. (7404166791); Pandey, Harsh (57215501560)	Economical and Market Status of Nanopesticides	2025	0	0	0	Goal 2	0	10.1201/9781003605874-9	https://www.scopus.com/pages/publications/105029337951?origin=resultslist	Aseri V., Department of Forensic Science, Vivekananda Global University, Rajasthan, Jaipur, India; Kumari P., Department of Forensic Science, Vivekananda Global University, Rajasthan, Jaipur, India; Godara V., Department of Forensic Science, Vivekananda Global University, Rajasthan, Jaipur, India; Awasthi G., K. R. Mangalam University, Haryana, Gurugram, India; Kumawat T.K., Department of Botany, University of Rajasthan, Rajasthan, Jaipur, India; Fagna S., Department of Botany, University of Rajasthan, Rajasthan, Jaipur, India; Singh G.P., Department of Botany, University of Rajasthan, Rajasthan, Jaipur, India; Pandey H., Department of Biotechnology and Chemical Engineering, School of Civil and Chemical Engineering, Manipal University, Rajasthan, Jaipur, India	978-104032703-6; 978-177491966-8	Book chapter
37	Singh, Joginder (58359314900); Raj, Seema (58631630800); Kaur, Dilraj Preet (26640492900)	Exploration of the utilization of fly ash in medicinal plant cultivation	2025	0	0	0	Goal 2	2	10.3389/frsus.2025.1661849	https://www.scopus.com/pages/publications/105023647061?origin=resultslist	Singh J., School of Basic and Applied Sciences, K.R. Mangalam University, Haryana, Gurugram, India; Raj S., School of Basic and Applied Sciences, K.R. Mangalam University, Haryana, Gurugram, India; Kaur D.P., School of Basic and Applied Sciences, K.R. Mangalam University, Haryana, Gurugram, India		Short survey