



Mukul Kumar

Doç. Dr. • Ziraat Fakültesi Dekanlığı

Atatürk Üniversitesi • Ziraat Fakültesi Dekanlığı

ORCID: [0000-0002-0550-262X](#) • Scopus Yazar ID: [57200307710](#) • Publons / ResearcherID: [AAU-8680-2021](#) •

Google Scholar ID: [r5SXseQAAAAJ](#)

<https://akademik.atauni.edu.tr/cv/mukul.kumar>

Genel Bakış

Dr. Mukul Kumar is an Associate Professor in the Department of Food Engineering, Faculty of Agriculture, Atatürk University, Erzurum, Türkiye, with more than 10 years of experience in teaching, research, student supervision, and academic administration. His academic and research expertise spans Food Science, Food Technology, and Food Engineering, with particular emphasis on functional and nutraceutical foods, herbal formulations, bioactive compounds, extraction technologies, food waste valorization, algal applications, infant food products, extruded foods, functional beverages, sustainable food packaging, and value-added product development. I previously worked at Shoolini University, Solan, Himachal Pradesh, India, and Lovely Professional University, Phagwara, Punjab, India, where he was involved in teaching, research, student supervision, and academic responsibilities. He has been recognized among the World's Top 5% Scientists in the 2025 SciRank Global Registry, reflecting his research visibility and scholarly contributions at the international level.

Dr. Kumar earned his Ph.D. in Food Technology from Shoolini University, Solan, Himachal Pradesh, India, where his doctoral research focused on the development of herbal anti-obesity formulations using Himalayan herbs. He also holds Master's and Bachelor's degrees in Food Technology. His academic training has been complemented by industrial exposure, including beer-production training at Carlsberg and bakery-production training at Kitty Pvt. Ltd., strengthening his understanding of industrial food-processing operations and practical product development.

His research focuses on developing health-oriented, functional, sustainable, and value-added food products and technologies through the integration of traditional food resources with modern scientific approaches. His research portfolio encompasses herbal formulations, functional and nutraceutical foods, bioactive extraction, functional beverages, innovative food processing, agricultural and food-processing by-product valorization, sustainable packaging, and circular food systems.

Dr. Kumar has established a strong scientific publication record with 84 Scopus-indexed publications, receiving more than 1500 Scopus citations with an h-index of 16. His research has also received more than 2,100 citations on Google Scholar, with an h-index of 19. A significant component of Dr. Kumar's academic career has been student research supervision and mentoring at undergraduate, postgraduate, and doctoral levels. He has guided more than 50 B.Tech. Food Technology, B.Sc. Agriculture under Experiential Learning Programmes (ELP), and Capstone Project-II students, and more than 60 M.Sc. Food Technology, and M.Tech. Food Technology students. At the doctoral level, he has guided 5 Ph.D. scholars in Food Technology, while 3 additional Ph.D. scholars are currently working under his supervision. His mentoring activities encompass research methodology, experimental design, product development, scientific writing, data interpretation, and the translation of research outcomes into practical applications.

Dr. Kumar has received recognition for his academic and research contributions through research publication awards and academic invitations, including service as a paper setter for CSK Himachal Pradesh Krishi Vishvavidyalaya. He is also a Life Member of the Association of Food Scientists and Technologists (India) [AFST(I)].

Beyond teaching and research, Dr. Kumar has undertaken diverse academic, administrative, examination, and student-development responsibilities. His experience includes leadership roles in student welfare, extracurricular activities, sports and cultural coordination, and examination administration. He has also contributed to the organization of national and international conferences, scientific meetings, and academic events related to food science, agriculture, sustainability, and nutritional security.

Dr. Kumar is actively engaged in scientific publishing, editorial activities, and international peer review, contributing to journals across food science, food chemistry, nutrition, biotechnology, health sciences, and related interdisciplinary fields.

His broader research vision is centered on integrating food science, nutrition, sustainability, circular economy principles, and industrial applications. Through research on functional foods, bioactive ingredients, sustainable processing technologies, and the valorization of agricultural and food-processing by-products, he seeks to contribute to innovative and sustainable food systems addressing contemporary challenges in human health, nutrition, food security, waste reduction, and responsible resource utilization.

Görev yeri: Doç. Dr. · Ziraat Fakültesi Dekanlığı

Görevlendirme: Doç. Dr. · Ziraat Fakültesi Dekanlığı › Gıda Mühendisliği Bölümü Başkanlığı

Scopus Konu Alanları (ASJC): Multidisciplinary

Eğitim ve Yetkinlikler

1. Doktora (2016 – 2020)

Shoolini University of Biotechnology and Management Sciences · Hindistan

2. Yüksek Lisans (2014 – 2016)

Shoolini University of Biotechnology and Management Sciences · Hindistan

3. Lisans (2011 – 2015)

Shoolini University of Biotechnology and Management Sciences · Hindistan

Mesleki Deneyim

Akademik Ünvanlar/Görevler

1. Doç. Dr. (2026 – Devam ediyor)

Atatürk Üniversitesi › Ziraat Fakültesi Dekanlığı

2. Doç. Dr. (2026 – Devam ediyor)

Atatürk Üniversitesi › Ziraat Fakültesi Dekanlığı › Gıda Mühendisliği Bölümü Başkanlığı

3. Doç. Dr. (2019 – 2026)

Lovely Professional University

4. Dr. Öğr. Üyesi (2016 – 2019)

Shoolini University of Biotechnology and Management Sciences

Akademik İdari Deneyim

1. Akademik İdari Deneyim (2023 – 2026)

Mukul Kumar

Akademik İdari Deneyim · Diğer Akademik Görev · Lovely Professional University · Hindistan

2. **Akademik İdari Deneyim** (2022 – 2026)

Mukul Kumar

Akademik İdari Deneyim · Diğer İdari Görev · Lovely Professional University · Hindistan

3. **Akademik İdari Deneyim** (2018 – 2023)

Mukul Kumar

Akademik İdari Deneyim · Diğer Akademik Görev · Shoolini University of Biotechnology and Management Sciences · Hindistan

4. **Akademik İdari Deneyim** (2017 – 2019)

Mukul Kumar

Akademik İdari Deneyim · Diğer İdari Görev · Shoolini University of Biotechnology and Management Sciences · Hindistan

5. **Akademik İdari Deneyim** (2016 – 2018)

Mukul Kumar

Akademik İdari Deneyim · Diğer Akademik Görev · Shoolini University of Biotechnology and Management Sciences · Hindistan

6. **Akademik İdari Deneyim** (2016 – 2019)

Mukul Kumar

Akademik İdari Deneyim · Diğer İdari Görev · Shoolini University of Biotechnology and Management Sciences · Hindistan

Akademi Dışı Deneyim

1. **Sports and Cultural Coordinator** (2022 – 2026)

Mukul Kumar

Akademi Dışı Deneyim · Diğer · Lovely Professional University · Hindistan

2. **Head of of Extracurricular activity** (2016 – 2019)

Mukul Kumar

Akademi Dışı Deneyim · Diğer · Shoolini University · Hindistan

Yayınlar

Makaleler

1. **Advanced mitigation strategies for acrylamide formation in foods: Mechanistic insights, emerging innovations, and future perspectives** (2026)

Adukadukkam Vaishnavi, Deepika Kaushik, Emel Öz, Charalampos Proestos, Fatih Öz, **Mukul Kumar**

FOOD RESEARCH INTERNATIONAL, Cilt 242 · DOI: [10.1016/j.foodres.2026.120015](https://doi.org/10.1016/j.foodres.2026.120015)

Derleme · Uluslararası

2. **Phytochemical profiling, enzyme inhibition and computational analysis of the anti-diabetic and anti-obesity potential of Spirogyra sp.** (2026)

Vishal Kumar, Deepika Kaushik, Fatih Öz, Charalampos Proestos, Manish Chaudhary, **Mukul Kumar**

Algal Research, Cilt 99 · DOI: [10.1016/j.algal.2026.104917](https://doi.org/10.1016/j.algal.2026.104917)

Tam Makale · Uluslararası

3. **Dual-Modified Elephant Foot Yam Starch/Polyvinyl Alcohol Biocomposite Films Incorporated With Anthocyanins for Intelligent Freshness Monitoring of Mushrooms** (2026)

Likhitha Yadav Prakruthi, Hari Krishnan, Venkata Rao Vantaku, **Mukul Kumar**, Mohammed Amanullah, Chagam Koteswara Reddy

STARCH-STARKE, Cilt 78, Sayı 9 · DOI: [10.1002/star.70297](https://doi.org/10.1002/star.70297)

Tam Makale · Uluslararası

4. **Green extraction of RuBisCO-rich leaf protein for sustainable food systems: process efficiency, functional quality, and sustainability assessment** (2026)
Hari Krishnan, Banupriya Lakshmipathy, Jancirani Ramaswamy, Ilaiyaraja Nallamuthu, Mukesh Dubey, Baojun Xu, Chagam Koteswara Reddy, **Mukul Kumar**
FOOD CHEMISTRY, Cilt 521 · DOI: [10.1016/j.foodchem.2026.149914](https://doi.org/10.1016/j.foodchem.2026.149914)
Derleme · Uluslararası
5. **Valorization of Guar Straw through Nanocellulose-Based Nanoemulsion: Optimization, Structural Characterization, and Stability Assessment** (2026)
Ritu Rani, **Mukul Kumar**
Biopesticides International, Cilt 22, Sayı 1, ss. 61–65 · DOI: [10.59467/bi.2026.22.61](https://doi.org/10.59467/bi.2026.22.61)
Tam Makale · Uluslararası
6. **Pumpkin Seeds, Oil, and Flour in Functional Foods: Effects of Processing on Composition, Techno-Functional Performance, and Therapeutic Aspects** (2026)
Mukul Kumar, Marios C. Christodoulou, Sakshi Kasodhan, Vishal Kumar, Hari Krishnan, Deepika Kaushik
Journal of Food Process Engineering, Cilt 49, Sayı 6 · DOI: [10.1111/jfpe.70615](https://doi.org/10.1111/jfpe.70615)
Derleme · Uluslararası
7. **Nanotechnology in aflatoxin management: emerging tools for rapid detection and post-harvest control in grains** (2026)
Sufail Parakkathodi, Prince Chawla, **Mukul Kumar**, Gulden Goksen, Deepika Kaushik, Aarti Bains
WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY, Cilt 42, Sayı 6 · DOI: [10.1007/s11274-026-04988-w](https://doi.org/10.1007/s11274-026-04988-w)
Tam Makale · Uluslararası
8. **Synergizing microbial and artificial intelligence technologies in food Systems: Innovations, safety, and sustainable pathways** (2026)
Vishal Kumar, Deepika Kaushik, **Mukul Kumar**
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, Cilt 231 · DOI: [10.1016/j.rser.2026.116769](https://doi.org/10.1016/j.rser.2026.116769)
Derleme · Uluslararası
9. **Natural Deep Eutectic Solvent Assisted Extraction of Freshwater Algae Spirogyra: Kinetics, Anti-Obesity Activity, and Multivariate Correlation Analysis** (2026)
Vishal Kumar, Deepika Kaushik, **Mukul Kumar**
Journal of Food Process Engineering, Cilt 49, Sayı 5 · DOI: [10.1111/jfpe.70596](https://doi.org/10.1111/jfpe.70596)
Tam Makale · Uluslararası
10. **Molecular and Cellular Mechanisms of Anti-Obesity Agents: An Integrative Review** (2026)
Harmandeep Kaur, Deepika Kaushik, Prasad Rasane, Fatih Öz, Charalampos Proestos, **Mukul Kumar**
FASEB JOURNAL, Cilt 40, Sayı 9, ss. 1–19 · DOI: [10.1096/fj.202600683r](https://doi.org/10.1096/fj.202600683r)
Derleme · Uluslararası
11. **Early-Life Protein Nutrition and Enzymatic Regulation: Mechanistic Pathways Linking Growth Faltering, Stunting, and Obesity** (2026)
Pratibha Batra, Deepika Kaushik, Prasad Rasane, **Mukul Kumar**
FASEB JOURNAL, Cilt 40, Sayı 7 · DOI: [10.1096/fj.202600855r](https://doi.org/10.1096/fj.202600855r)
Derleme · Uluslararası

12. **A comprehensive review on nutrition bars as the emerging functional foods: insights into their composition, health benefits and market trends** (2026)
Aditi Jain, Ashwani Kumar, Devendra Kumar Bhatt, **Mukul Kumar**, Shubhangi Nigam
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Cilt 20, Sayı 4, ss. 4133–4152 · DOI: [10.1007/s11694-026-04104-4](https://doi.org/10.1007/s11694-026-04104-4)
Derleme · Uluslararası
13. **Microbial Levan as a Biopolymer for Active Antimicrobial Food Packaging Films: Characterization, Antimicrobial Properties, and Development** (2026)
Ritu Rani, Deepika Kaushik, Vishal Kumar, **Mukul Kumar**
JOURNAL OF FOOD SCIENCE, Cilt 91, Sayı 3 · DOI: [10.1111/1750-3841.70920](https://doi.org/10.1111/1750-3841.70920)
Derleme · Uluslararası
14. **Industrial prospects of recovering natural dyes from food waste** (2026)
Narinder Kaur, Ghumika Pandita, Prabhjot Kaur, Om Ravindra Shivaram, Muhammed Hanan, Aneem Aneer, Jyoti Singh, **Mukul Kumar**
CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, Cilt 21, Sayı 1 · DOI: [10.1079/cabreviews.2026.0021](https://doi.org/10.1079/cabreviews.2026.0021)
Derleme · Uluslararası
15. **Hyacinth bean (*Lablab purpureus*) flour as a functional ingredient: techno-functional traits and bioactive potential for health applications** (2026)
Hari Krishnan, Chagam Koteswara Reddy, Mallesham Godumala, Rajavaram Ramaraghavulu, Ramachandran Vinayagam, Charalampos Proestos, **Mukul Kumar**
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Cilt 61, Sayı 1 · DOI: [10.1093/ijfood/vvaf188](https://doi.org/10.1093/ijfood/vvaf188)
Tam Makale · Uluslararası
16. **LED-mediated modulation of growth and phytochemicals in vegetable microgreens: from molecular insights to sustainable production** (2026)
Anusree Sobhanan, Rekha Kumari Meena, Uma Prajapati, **Mukul Kumar**, Jyoti Nishad
International Journal of Vegetable Science · DOI: [10.1080/19315260.2026.2705438](https://doi.org/10.1080/19315260.2026.2705438)
Derleme · Uluslararası
17. **Bougainvillea glabra extract-loaded elephant foot yam starch-polyvinyl alcohol blend films as pH-indicators for monitoring milk freshness** (2026)
Likhitha Yadav Prakruthi, Hari Krishnan, M. Vidya, **Mukul Kumar**, Ramachandran Vinayagam, Chagam Koteswara Reddy
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, Cilt 337 · DOI: [10.1016/j.ijbiomac.2025.149466](https://doi.org/10.1016/j.ijbiomac.2025.149466)
Tam Makale · Uluslararası
18. **Functional herbal yoghurt with Moringa oleifera flower extract: RSM-based optimisation, and quality evaluation** (2026)
Mukul Kumar, Poonam Jaglan, Deepika Kaushik, Charles Brennan, Charalampos Proestos, Fatih Öz, Fatih Ramazan Istanbulgil
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Cilt 61, Sayı 1 · DOI: [10.1093/ijfood/vvaf282](https://doi.org/10.1093/ijfood/vvaf282)
Tam Makale · Uluslararası
19. **Bioactivity and Vital Application of Underutilized Cucumis callosus Fruit: An Overview on the Present Status and Its Potential Utilization** (2026)
Ritu Rani, Aarti Bains, **Mukul Kumar**, Sanju Bala Dhull, Agnieszka Najda, Rupak Nagraik, Prince Chawla
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Cilt 2026, Sayı 1 · DOI: [10.1155/jfpp/1620988](https://doi.org/10.1155/jfpp/1620988)
Derleme · Uluslararası

20. **Unlocking the nutritional and phytochemical potential: metabolomics and bioaccessibility of polyphenols in south Indian edible flowers** (2025)
Likhitha Yadav Prakruthi, Chagam Koteswara Reddy, Hari Krishnan, Deepika Kaushik, Korada Ganesh, Ramachandran Vinayagam, **Mukul Kumar**, Abeer Hashem, Nouf H. Alotaibi, Elsayed Fathi Abd-Allah
FOOD CHEMISTRY, Cilt 496 · DOI: [10.1016/j.foodchem.2025.146788](https://doi.org/10.1016/j.foodchem.2025.146788)
Tam Makale · Uluslararası
21. **Deep eutectic solvents assisted green extraction and bioevaluation of phenolic compounds from Piper nigrum and Murraya koenigii** (2025)
Ankita Awari, Deepika Kaushik, Fatih Öz, **Mukul Kumar**
FOOD CHEMISTRY, Cilt 493 · DOI: [10.1016/j.foodchem.2025.145931](https://doi.org/10.1016/j.foodchem.2025.145931)
Tam Makale · Uluslararası
22. **Polyphenol-rich extract from Cyamopsis tetragonoloba straw: Characterization, bioactivity, cytotoxicity, and anti-obesity potential** (2025)
Ritu Rani, Deepika Kaushik, Fatih Öz, Graciela Dolores Avila-Quezada, Elsayed Fathi Abd-Allah, Abeer Hashem, **Mukul Kumar**
ENVIRONMENTAL TECHNOLOGY AND INNOVATION, Cilt 40, ss. 1-14, Makale no. 104569 · DOI: [10.1016/j.eti.2025.104569](https://doi.org/10.1016/j.eti.2025.104569)
Tam Makale · Uluslararası
23. **Artificial intelligence in sustainable food design: Technological, ethical consideration, and future** (2025)
S. Harikrishnan, Deepika Kaushik, Prasad Rasane, Ashwani Kumar, Narinder Kaur, Chagam Koteswara Reddy, Charalampos Proestos, Fatih Öz, **Mukul Kumar**
Trends in Food Science and Technology, Cilt 163 · DOI: [10.1016/j.tifs.2025.105152](https://doi.org/10.1016/j.tifs.2025.105152)
Derleme · Uluslararası
24. **Role of algae in modulating human lipid profiles from metabolic pathways to biotechnological applications** (2025)
Vishal Kumar, Deepika Kaushik, Harmandeep Kaur, Emel Öz, Charles Brennan, Charalampos Proestos, Fatih Öz, **Mukul Kumar**
Algal Research, Cilt 90, Makale no. 104149 · DOI: [10.1016/j.algal.2025.104149](https://doi.org/10.1016/j.algal.2025.104149)
Derleme · Uluslararası
25. **Deciphering the Effect of Ginsenoside Rk3 on Gut Microbiota and Its Applications.** (2025)
Ammu P. Nair, Deepika Kaushik, Ashwani Kumar, Jyoti Singh, Emel Öz, Avinash Sharma, Ali Jebreen, Charalampos Proestos, Fatih Öz, **Mukul Kumar**
FASEB JOURNAL, Cilt 39, Sayı 13, Makale no. 70784 · DOI: [10.1096/fj.202501234rr](https://doi.org/10.1096/fj.202501234rr)
Tam Makale · Uluslararası
26. **Study on Commiphora mukul (Guggul) gum: Exploring the proximate composition and techno-functional properties and efficacy against obesity** (2025)
Ankita Awari, Deepika Kaushik, Emel Öz, Charalampos Proestos, Charles Brennan, Fatih Öz, **Mukul Kumar**
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Cilt 60, Sayı 2 · DOI: [10.1093/ijfood/vvaf157](https://doi.org/10.1093/ijfood/vvaf157)
Tam Makale · Uluslararası
27. **Sports nutrition decoded: Mechanistic perspectives on dietary components and athletic performance** (2025)
Mukul Kumar, Deepika Kaushik, Harmandeep Kaur, Emel Öz, Vishal Kumar, Charalampos Proestos, Avinash Sharma, Hilal Kızıltunç Özmen, Charles Brennan, Fatih Öz
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Cilt 60, Sayı 2 · DOI: [10.1093/ijfood/vvaf208](https://doi.org/10.1093/ijfood/vvaf208)
Derleme · Uluslararası

28. **Comprehensive Analysis and Characterization of Mangifera indica L. Leaf Powder.** (2025)
Jasjit Kaur, Deepika Kaushik, **Mukul Kumar**, Gülçin Emel Babagil, Ryszard Amarowicz, Charalampos Proestos, Emel Öz, Fatih Öz, Tuba Esatbeyoglu, Matteo Bordiga
FOOD SCIENCE & NUTRITION, Cilt 13, Sayı 6 · DOI: [10.1002/fsn3.70083](https://doi.org/10.1002/fsn3.70083)
Tam Makale · Uluslararası
29. **Obesity Biomarkers: Exploring Factors, Ramification, Machine Learning, and AI-Unveiling Insights in Health Research.** (2025)
Ankita Awari, Deepika Kaushik, Ashwani Kumar, Emel Öz, Kenan Çadırcı, Charles Brennan, Charalampos Proestos, **Mukul Kumar**, Fatih Öz
MEDCOMM, Cilt 6, Sayı 7, ss. 1–31 · DOI: [10.1002/mco2.70169](https://doi.org/10.1002/mco2.70169)
Tam Makale · Uluslararası
30. **Ferulic acid: extraction, estimation, bioactivity and applications for human health and food** (2025)
Mukul Kumar, Deepika Kaushik, Shubham Shubham, Ashwani Kumar, Vishal Kumar, Emel Öz, Charles Brennan, Maomao Zeng, Charalampos Proestos, Hasan Türkez, Muharrem Bayrak, Tahra Elobeid, Sercan Karav, Fatih Öz
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, Cilt 105, Sayı 8, ss. 4168–4177 · DOI: [10.1002/jsfa.13931](https://doi.org/10.1002/jsfa.13931)
Derleme · Uluslararası
31. **Optimizing and Characterization of Soybean Oil Seed Cake Protein Hydrolysis: In Vitro Analysis** (2025)
Haifa Hamza, Deepika Kaushik, Harmandeep Kaur, Rajdeep Kaur, Matteo Bordiga, Yassine Jaouhari, Charalampos Proestos, Mukhtar Ahmed, Mohammad Rizwan Khan, Fatih Öz, **Mukul Kumar**
FOOD SCIENCE & NUTRITION, Cilt 13, Sayı 5 · DOI: [10.1002/fsn3.70270](https://doi.org/10.1002/fsn3.70270)
Tam Makale · Uluslararası
32. **Harnessing Fruit and Vegetable Waste for Biofuel Production: Advances and Scope for Future Development** (2025)
Ankita Sharma, Aman Jyoti, Aniket More, Mahendra Gunjal, Prasad Rasane, **Mukul Kumar**, Sawinder Kaur, Sezai Ercişli, Sushma Gurumayum, Jyoti Singh
eFood, Cilt 6, Sayı 2 · DOI: [10.1002/efd2.70051](https://doi.org/10.1002/efd2.70051)
Derleme · Uluslararası
33. **Enhancing starch properties through dual modification: Ultrasonication and acetic acid treatment of non-conventional starches** (2025)
Likhitha Yadav Prakruthi, Hari Krishnan, Tamma Medha, K. Kumarakuru, P. Vasanth Kumari, Challa Surekha, Hemasundar Alavilli, Deepika Kaushik, Abeer Hashem, Nouf H. Alotaibi, Graciela Dolores Avila-Quezada, Elsayed Fathi Abd_Allah, **Mukul Kumar**, Chagam Koteswara Reddy
Ultrasonics Sonochemistry, Cilt 115 · DOI: [10.1016/j.ultsonch.2025.107301](https://doi.org/10.1016/j.ultsonch.2025.107301)
Tam Makale · Uluslararası
34. **Therapeutic Potential of Herbal Compounds in Curing Dysmenorrhea Naturally: A Review** (2025)
Mukul Kumar, Deepika Kaushik, Naitika Gaba, Emel Öz, Jyoti Singh, Vikas Bansal, Ammu P Nair, Charalampos Proestos, Gülçin Emel Babagil, Margaret Brennan, Hilal Kızıltunç Özmen, Vishal Kumar
JOURNAL OF THE AMERICAN NUTRITION ASSOCIATION, Cilt 44, Sayı 3, ss. 223–234 · DOI: [10.1080/27697061.2024.2421525](https://doi.org/10.1080/27697061.2024.2421525)
Derleme · Uluslararası
35. **Unrevealing the potential of macroalgae Porphyra sp. (nori) in food, pharmaceuticals and health sector** (2025)
Rajdeep Kaur, Deepika Kaushik, Vikas Bansal, Avinash Sharma, **Mukul Kumar**
JOURNAL OF FOOD SCIENCE, Cilt 90, Sayı 3 · DOI: [10.1111/1750-3841.70110](https://doi.org/10.1111/1750-3841.70110)
Derleme · Uluslararası

36. **Unraveling the hormonal approaches for the treatment of rheumatoid arthritis and its complementary interventions** (2025)
Priya Sharad Waghmare, Deepika Kaushik, Emel Öz, Charalampos Proestos, Fatih Öz, **Mukul Kumar**
Inflammopharmacology, Cilt 33, Sayı 2, ss. 443–460 · DOI: [10.1007/s10787-024-01633-6](https://doi.org/10.1007/s10787-024-01633-6)
Derleme · Uluslararası
37. **Exploring the Potential of Black Chokeberry (*Aronia melanocarpa*) as a Health-Enhancing Agent: A Comprehensive Overview** (2025)
HATİCE DUMAN, Buket Üner, Sümeyye Sarıtaş, Ecem Bolat, Yalçın Mert Yalçıntaş, Arda Erkan Kalkan, Furkan Eker, Emir Akdaşçı, Ahmet Alperen Canbolat, Burcu Pekdemir, Nil Kurtgöz, Ecem Eğin, İrem Şenel Akdağ, Celal Can Varol, Aslıhan Özbilen, Fatih Sezer, Özge Karakaş Metin, Kemal Melih Taşkın, Sercan Karav, Charalampos Proestos ve 7 yazar daha
JOURNAL OF FOOD BIOCHEMISTRY, Cilt 2025, Sayı 1 · DOI: [10.1155/jfbc/8899523](https://doi.org/10.1155/jfbc/8899523)
Derleme · Uluslararası
38. **Rediscovering millets for obesity prevention: A functional grain-based approach** (2025)
Deepika Kaushik, Jyoti Singh, Narinder Kaur, Ravinder Kaushik, Emel Öz, Avinash Sharma, Ali Jebreen, Charalampos Proestos, Fatih Öz, **Mukul Kumar**
CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, Cilt 20, Sayı 1 · DOI: [10.1079/cabreviews.2025.0055](https://doi.org/10.1079/cabreviews.2025.0055)
Derleme · Uluslararası
39. **Exploring Bauhinia variegata: Phytochemical, pharmacological promise and modern extraction approaches** (2025)
Deepika Kaushik, A.M. Raut, **Mukul Kumar**
CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, Cilt 20, Sayı 1 · DOI: [10.1079/cabreviews.2025.0086](https://doi.org/10.1079/cabreviews.2025.0086)
Derleme · Uluslararası
40. **Biomarkers in immunology: Their impact on immune function and response** (2025)
Deepika Kaushik, Baojun Xu, **Mukul Kumar**
Advances in Biomarker Sciences and Technology, Cilt 7, ss. 95–110 · DOI: [10.1016/j.abst.2025.03.001](https://doi.org/10.1016/j.abst.2025.03.001)
Derleme · Uluslararası
41. **A critical review on Moringa oleifera: current status, physicochemical attributes, and food industrial applications** (2025)
Poonam Jaglan, Deepika Kaushik, **Mukul Kumar**, Jyoti Singh, Fatih Öz, Shubham Shubham, Vikas Bansal, Charalampos Proestos, Vishal Kumar, Ritu Rani
NATURAL PRODUCT RESEARCH, Cilt 39, Sayı 8, ss. 2293–2307 · DOI: [10.1080/14786419.2024.2387833](https://doi.org/10.1080/14786419.2024.2387833)
Derleme · Uluslararası
42. **Vitamin B12: prevention of human beings from lethal diseases and its food application** (2025)
S. Harikrishnan, Deepika Kaushik, **Mukul Kumar**, Jasjit Kaur, Emel Öz, Charalampos Proestos, Tahra Elobeid, Omur Fatih Karakullukcu, Fatih Öz
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, Cilt 105, Sayı 1, ss. 10–18 · DOI: [10.1002/jsfa.13661](https://doi.org/10.1002/jsfa.13661)
Derleme · Uluslararası

43. **Unveiling the approach of campesterol: Its application and circular bio-economy** (2025)
Ritu Rani, Deepika Kaushik, Ashwani Kumar, Prasad Rasane, Emel Öz, Vishal Kumar, Kalpana Patra, Fatih Öz, Charalampos Proestos, **Mukul Kumar**
CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, Cilt 20, Sayı 1 · DOI: [10.1079/cabreviews.2025.0049](https://doi.org/10.1079/cabreviews.2025.0049)
Derleme · Uluslararası
44. **Exploring the deciphering properties of Cyamopsis tetragonoloba: Its food application, feasibility, and future aspects** (2025)
Ritu Rani, Deepika Kaushik, Gülçin Emel Babagil, Charalampos Proestos, Charles Brennan, Fatih Öz, **Mukul Kumar**
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Cilt 60, Sayı 1 · DOI: [10.1093/ijfood/vvae098](https://doi.org/10.1093/ijfood/vvae098)
Derleme · Uluslararası
45. **Immunomodulatory effect of ashwagandha (Withania somnifera (L.) Dunal) and its impact on COVID-19** (2025)
Arun M.K. Pushpakaran, Jyoti Singh, Prasad Rasane, Sawinder Kaur, Jaspreet Kaur, Jasjit Kaur, **Mukul Kumar**, Amine Assouguem
Foods and Raw Materials, Cilt 13, Sayı 1, ss. 46–57 · DOI: [10.21603/2308-4057-2025-1-622](https://doi.org/10.21603/2308-4057-2025-1-622)
Tam Makale · Uluslararası
46. **Exploring the natural efficacy of spirulina powder for combating obesity, diabetes, and inflammation** (2024)
Hari Krishnan, Deepika Kaushik, **Mukul Kumar**, Emel Öz, Charles Brennan, Charalampos Proestos, Vishal Kumar, Mukhtar Ahmed, Fatih Öz
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, Cilt 104, Sayı 15, ss. 9128–9136 · DOI: [10.1002/jsfa.13734](https://doi.org/10.1002/jsfa.13734)
Tam Makale · Uluslararası
47. **Assessing the efficacy of pearl millet and finger millet enriched breakfast cereals to combat obesity.** (2024)
Hari Krishnan, Deepika Kaushik, **Mukul Kumar**, Emel Öz, Charles Brennan, Fatih Öz, Charalampos Proestos, Abeer Hashem, Ulkar Ibrahimova, Elsayed Fathi Abd Allah
SCIENTIFIC REPORTS, Cilt 14, Sayı 1, s. 27752 · DOI: [10.1038/s41598-024-78767-8](https://doi.org/10.1038/s41598-024-78767-8)
Tam Makale · Uluslararası
48. **Proximate Analysis and Techno-Functional Properties of Berberis aristata Root Powder: Implications for Food Industry Applications** (2024)
Ankita Awari, **Mukul Kumar**, Deepika Kaushik, Ryszard Amarowicz, Charalampos Proestos, Rizwan Wahab, Mohammad Rizwan Khan, Igor Tomasevic, Emel Öz, Fatih Öz
Foods, Cilt 13, Sayı 17 · DOI: [10.3390/foods13172802](https://doi.org/10.3390/foods13172802)
Tam Makale · Uluslararası
49. **Exploring the properties of Garcinia indica Linn rind powder and its possible usage in food industry** (2024)
Ankita Awari, **Mukul Kumar**, Deepika Kaushik, Emel Öz, Charalampos Proestos, Maomao Zeng, Charles Brennan, Mukhtar Ahmed, Fatih Öz
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Cilt 59, Sayı 8, ss. 5512–5524 · DOI: [10.1111/ijfs.17274](https://doi.org/10.1111/ijfs.17274)
Tam Makale · Uluslararası

50. **Loquat and its phytochemical potential: A promising application in food technology** (2024)
Vishal Kumar, Purna Gupta, **Mukul Kumar**
eFood, Cilt 5, Sayı 3 · DOI: [10.1002/efd2.158](https://doi.org/10.1002/efd2.158)
Derleme · Uluslararası
51. **A sustainable approach to prepare green synthesis of copper nanoparticles of Bauhinia variegata & Saussurea lappa: Unveiling in-vitro anti-obesity applications** (2024)
Mukul Kumar, Deepika Kaushik, Ashwani Kumar, Hari Krishnan, Fatih Öz, Charalampos Proestos, Abeer Hashem, Elsayed Fathi Abd_Allah
Heliyon, Cilt 10, Sayı 8, ss. 1-13, Makale no. 29433 · DOI: [10.1016/j.heliyon.2024.e29433](https://doi.org/10.1016/j.heliyon.2024.e29433)
Tam Makale · Uluslararası
52. **Optimization of the extraction process of Moringa oleifera flower by using Deep Eutectic Solvents (DES)** (2024)
Poonam Jaglan, **Mukul Kumar**, Deepika Kaushik, Ashwani Kumar, Dimitrios Argyropoulos, Fatih Öz, Charalampos Proestos
Results in Chemistry, Cilt 7, Sayı 101445, ss. 1-8 · DOI: [10.1016/j.rechem.2024.101445](https://doi.org/10.1016/j.rechem.2024.101445)
Tam Makale · Uluslararası
53. **Studies on Phytochemical Properties and Antibacterial Activity of Moringa oleifera Flower Extract** (2023)
Poonam Jaglan, **Mukul Kumar**, Shailesh Kumar Singh
Annals of Biology, Cilt 39, Sayı 2, ss. 337-343
Tam Makale · Uluslararası
54. **Evaluation of the acute basic biological effects of herbal formulation to control obesity: a preliminary study** (2023)
Mukul Kumar, Deepika Kaushik, Ravinder Kaushik, Azhar Khan, Lucia Billeci, Emel Öz, Charalampos Proestos, Charles Brennan, Naushad Ahmad, Tahra Elobeid, Fatih Öz
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Cilt 58, Sayı 11, ss. 5711-5727 · DOI: [10.1111/ijfs.16669](https://doi.org/10.1111/ijfs.16669)
Tam Makale · Uluslararası
55. **Structural, thermal, techno-functional and chemical characterization using Fourier Transform Infrared Spectroscopy, Gas-Chromatography-Mass Spectrophotometry, Thermogravimetric Analyser, Field Emission Scanning Electron Microscopy and Energy-Dispersive X-Ray Spectrometer of Moringa Oleifera flower powder** (2023)
Poonam Jaglan, Deepika Kaushik, **Mukul Kumar**, Ashwani Kumar, Jasjit Kaur, Emel Öz, Charles Brennan, Charalampos Proestos, Margaret Brennan, Naushad Ahmad, Tahra Elobeid, Fatih Öz
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Cilt 58, Sayı 11, ss. 5992-6005 · DOI: [10.1111/ijfs.16707](https://doi.org/10.1111/ijfs.16707)
Tam Makale · Uluslararası
56. **A review on the frying process: Methods, models and their mechanism and application in the food industry** (2023)
Lisha Rani, **Mukul Kumar**, Deepika Kaushik, Jasjit Kaur, Ashwani Kumar, Fatih Öz, Charalampos Proestos, Emel Öz
FOOD RESEARCH INTERNATIONAL, Cilt 172 · DOI: [10.1016/j.foodres.2023.113176](https://doi.org/10.1016/j.foodres.2023.113176)
Derleme · Uluslararası

57. **Effect of drying methods on the nutritional and phytochemical properties of pumpkin flower (*Cucurbita maxima*) and its characterization** (2023)
Arya Gargi, Jyoti Singh, Prasad Rasane, Sawinder Kaur, Jaspreet Kaur, **Mukul Kumar**, D. Sowdhanya, Mahendra Gunjal, Ravish Choudhary, Sezai Ercişli
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Cilt 17, Sayı 5, ss. 5330–5343 · DOI: [10.1007/s11694-023-02026-z](https://doi.org/10.1007/s11694-023-02026-z)
Tam Makale · Uluslararası
58. **Combinations of Spent Grains as Sources of Valuable Compounds with Highly Valuable Functional and Microbial Properties** (2023)
Mukul Kumar, Anisha Anisha, Deepika Kaushik, Jasjit Kaur, Shubham Shubham, Alexandru Vasile Rusu, João Miguel Rocha, Monica Trif
SUSTAINABILITY, Cilt 15, Sayı 20 · DOI: [10.3390/su152015184](https://doi.org/10.3390/su152015184)
Tam Makale · Uluslararası
59. **A review on microbiota: relation with diseases and nutrients role** (2023)
Emel Öz, Ayşegül Şimşek, Melih Şimşek, Nihal Tuncer, Muharrem Bayrak, Kenan Çadircı, Charles Brennan, **Mukul Kumar**, Charalampos Proestos, Margaret Brennan, Tahra Elobeid, Maomao Zeng, Igor Tomasevic, Elif Ekiz, Fatih Oz
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Cilt 58, Sayı 8, ss. 4100–4113 · DOI: [10.1111/ijfs.16530](https://doi.org/10.1111/ijfs.16530)
Derleme · Uluslararası
60. **Volarisation of Brewer's spent grain for noodles preparation and its potential assessment against obesity** (2023)
Anisha Anisha, Deepika Kaushik, **Mukul Kumar**, Ashwani Kumar, Tuba Esatbeyoglu, Charalampos Proestos, Mohammad Rizwan Khan, Tahra Elobeid, Jasjit Kaur, Fatih Öz
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Cilt 58, Sayı 6, ss. 3154–3179 · DOI: [10.1111/ijfs.16443](https://doi.org/10.1111/ijfs.16443)
Tam Makale · Uluslararası
61. **A narrative review on the anti-inflammatory efficacy of *Bougainvillea spectabilis* Willd. and its various applications** (2023)
Deepika Kaushik, **Mukul Kumar**, Charalampos Proestos, Fatih Öz, Prerna Gupta, Ashwani Kumar, Priyanka Kundu, Jasjit Kaur, Vishal Kumar, Anjali Anjali, Jianbo Xiang
Journal of Agriculture and Food Research, Cilt 12, Makale no. 100570 · DOI: [10.1016/j.jafr.2023.100570](https://doi.org/10.1016/j.jafr.2023.100570)
Derleme · Uluslararası
62. **Green synthesis of copper nanoparticles from *Nigella sativa* seed extract and evaluation of their antibacterial and antiobesity activity** (2023)
Mukul Kumar, Deepika Kaushik, Ashwani Kumar, Prerna Gupta, Charalampos Proestos, Emel Öz, ELİF ORHAN, Jasjit Kaur, Mohammad Rizwan Khan, Tahra Elobeid, Matteo Bordiga, Fatih Öz
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Cilt 58, Sayı 6, ss. 2883–2892 · DOI: [10.1111/ijfs.16359](https://doi.org/10.1111/ijfs.16359)
Tam Makale · Uluslararası
63. **Major Phytochemicals: Recent Advances in Health Benefits and Extraction Method** (2023)
Ashwani Kumar, Nirmal P, **Mukul Kumar**, Anina Jose, Vidisha Tomer, Emel Öz, Charalampos Proestos, Maomao Zeng, Tahra Elobeid, Sneha K, Fatih Öz
MOLECULES, Cilt 28, Sayı 2, ss. 1–41, Makale no. 887 · DOI: [10.3390/molecules28020887](https://doi.org/10.3390/molecules28020887)
Derleme · Uluslararası

64. **From Berry to Powder: Unveiling the Proximate Composition, Techno-functional Traits, and Characterization of Piper nigrum Linn** (2023)
Ankita Awari, **Mukul Kumar**, K. Sneha
Journal of Food Chemistry and Nanotechnology, Cilt 9, Sayı Special Issue 1 · DOI: [10.17756/jfcn.2023-s1-024](https://doi.org/10.17756/jfcn.2023-s1-024)
Tam Makale · Uluslararası
65. **To Study the Germination Effect on Finger Millet, Pearl Millet and Buckwheat: It's Impact on Phytochemical Properties and Their Prebiotic Effect** (2023)
K. Sneha, **Mukul Kumar**, Deepika Kaushik, Ashwani Kumar, Vikas Bansal, Fatih Öz, Charalampos Proestos
Journal of Food Chemistry and Nanotechnology, Cilt 9, Sayı Special Issue 1 · DOI: [10.17756/jfcn.2023-s1-022](https://doi.org/10.17756/jfcn.2023-s1-022)
Tam Makale · Uluslararası
66. **Assessment of Anti-Obesity Potential and Techno-Functional Properties of Bougainvillea spectabilis Willd. Bracts** (2022)
Mukul Kumar, Deepika Kaushik, Jasjit Kaur, Charalampos Proestos, Fatih Öz, Ashwani Kumar, Anjali Anjali, Tahra Elobeid, Murat Emre Terzioğlu, Jianbo Xiao
Separations, Cilt 9, Sayı 12 · DOI: [10.3390/separations9120399](https://doi.org/10.3390/separations9120399)
Tam Makale · Uluslararası
67. **A Critical Review on Obesity: Herbal Approach, Bioactive Compounds, and Their Mechanism** (2022)
Mukul Kumar, Deepika Kaushik, Jasjit Kaur, Charalampos Proestos, Fatih Öz, Emel Öz, Perna Gupta, Priyanka Kundu, Anmol Kaur, Anisha Anisha, Ritika Ritika
Applied Sciences (Switzerland), Cilt 12, Sayı 16 · DOI: [10.3390/app12168342](https://doi.org/10.3390/app12168342)
Derleme · Uluslararası
68. **PLANT HORMONES: PHYSIOLOGICAL ROLE AND HEALTH EFFECTS** (2021)
Samriti Guleria, **Mukul Kumar**, Azar Khan, Ravinder Kaushik
Journal of Microbiology, Biotechnology and Food Sciences, Cilt 11, Sayı 1 · DOI: [10.15414/jmbfs.1147](https://doi.org/10.15414/jmbfs.1147)
Tam Makale · Uluslararası
69. **Effect of Taro (Colocasia esculenta) Enrichment on Physicochemical and Textural Properties of Cake** (2021)
Anuj Saklani, Ravinder Kaushik, Prince Chawla, Naveen Kumar, **Mukul Kumar**
International Journal of Food Studies, Cilt 10 · DOI: [10.7455/ijfs/10.si.2021.a2](https://doi.org/10.7455/ijfs/10.si.2021.a2)
Tam Makale · Uluslararası
70. **Anti-obesity efficacy of the selected high altitude Himalayan herbs: in vitro studies** (2020)
Mukul Kumar, Samriti Guleria, Prince Chawla, Azhar Khan, V.K. Modi, Naveen Kumar, Ravinder Kaushik
Journal of Food Science and Technology, Cilt 57, Sayı 8, ss. 3081–3090 · DOI: [10.1007/s13197-020-04341-5](https://doi.org/10.1007/s13197-020-04341-5)
Tam Makale · Uluslararası
71. **Gum arabic capped copper nanoparticles: Synthesis, characterization, and applications** (2020)
Prince Chawla, Naveen Kumar, Aarti Bains, Sanju Bala Dhull, **Mukul Kumar**, Ravinder Kaushik, Sneha Punia
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, Cilt 146, ss. 232–242 · DOI: [10.1016/j.ijbiomac.2019.12.260](https://doi.org/10.1016/j.ijbiomac.2019.12.260)
Tam Makale · Uluslararası
72. **Isothiocyanates; sources, physiological functions and food applications** (2020)
Mudasir Yaqoob, Poonam Aggarwal, **Mukul Kumar**, Neha Purandare
Plant Archives, Cilt 20, ss. 2758–2763
Tam Makale · Uluslararası

73. **Severity, types, factors affecting and strategy to overcome obesity** (2020)

Mukul Kumar, Samriti Guleria, Prince Chawla, Azhar Khan, Ravinder Kaushik

Plant Archives, Cilt 20, ss. 657–672

Tam Makale · Uluslararası

74. **Effect of pre-milling treatments on wheat flour quality** (2017)

Ravinder Kaushik, Prince Chawla, Naveen Kumar, **Mukul Kumar**

Annals of the University Dunarea de Jos of Galati, Fascicle VI: Food Technology, Cilt 41, Sayı 2, ss. 141–152

Tam Makale · Uluslararası

Kitaplar

1. **Millet: Cultivation, Processing, and Utilization** (2024)

Ashwani Kumar, Vidisha Tomer, **Mukul Kumar**, Prince Chawla

CRC Press, CRC Press, 303 sayfa · DOI: [10.1201/9781003159902](https://doi.org/10.1201/9781003159902)

Bilimsel Kitap · Uluslararası

Kitapta Bölümler

1. **Impact of Food Processing** (2026)

Ammu P. Nair, Deepika Kaushik, Emel Öz, Fatih Öz, **Mukul Kumar**

Acyated Anthocyanins: Chemistry, Bioavailability, Bioactivity, and Applications, CRC Press, ss. 217–231 · DOI:

[10.1201/9781003519591-17](https://doi.org/10.1201/9781003519591-17)

Bilimsel Kitap Bölümü · Uluslararası

2. **Significance of Brassica Crops in Oilseed Industry** (2026)

Vishal Kumar, Deepika Kaushik, Jasjit Kaur, Prasad Rasane, Althaf Sayyad, Fatih Öz, **Mukul Kumar**

Crop Improvement Strategies in Brassica species: Applied Science: Volume 1, Springer Nature, ss. 37–57 · DOI:

[10.1007/978-981-95-3861-4_2](https://doi.org/10.1007/978-981-95-3861-4_2)

Bilimsel Kitap Bölümü · Uluslararası

3. **AI Approach in Food Industries and Its Stability** (2026)

Mukul Kumar, Harmandeep Kaur, Deepika Kaushik, Fatih Öz

Next Generation Crop Production for Agricultural Sustainability and Food Security, CRC Press, ss. 210–227 · DOI:

[10.1201/9781003607342-13](https://doi.org/10.1201/9781003607342-13)

Bilimsel Kitap Bölümü · Uluslararası

4. **Food losses and waste: establishing a sustainable food supply chain to lower greenhouse gas emissions** (2025)

Jyoti Singh, D. Sowdhanya, Prasad Rasane, **Mukul Kumar**, Amine Assouguem

Agriculture Toward Net Zero Emissions, Elsevier, ss. 35–59 · DOI: [10.1016/b978-0-443-13985-7.00005-1](https://doi.org/10.1016/b978-0-443-13985-7.00005-1)

Bilimsel Kitap Bölümü · Uluslararası

5. **Health Benefits of Pseudocereals** (2024)

K. Sneha, Ashwani Kumar, **Mukul Kumar**

Pseudocereals: Production, Processing, and Nutrition, CRC Press, ss. 171–190 · DOI: [10.1201/9781003325277-9](https://doi.org/10.1201/9781003325277-9)

Bilimsel Kitap Bölümü · Uluslararası

6. **Buckwheat** (2024)

Mukul Kumar, Deepak Kaushik, Sakshi Kasodhan

Cereals and Nutraceuticals, Springer Nature, ss. 191–207 · DOI: [10.1007/978-981-97-2542-7_9](https://doi.org/10.1007/978-981-97-2542-7_9)

Bilimsel Kitap Bölümü · Uluslararası

7. **Role of bioactive compounds of Bauhinia Variegata and their benefits** (2024)

Deepika Kaushik, **Mukul Kumar**, Ravinder Kaushik, Ashwani Kumar

Harvesting Food from Weeds, Wiley, ss. 217–266 · DOI: [10.1002/9781119793007.ch7](https://doi.org/10.1002/9781119793007.ch7)

Bilimsel Kitap Bölümü · Uluslararası

8. **Synergistic effects of high-fat diets on obesity** (2023)

Mukul Kumar, Deepika Kaushik, Samriti Guleria, Priyanka Kundu, Ravinder Kaushik, Azhar Khan

Everything You Need to Know About High-Fat Diets, NOVA Publications, ss. 75–88

Bilimsel Kitap Bölümü · Uluslararası

9. **Applications of Nanotechnology in the Dairy Industry** (2023)

Samriti Guleria, **Mukul Kumar**, Vikas Bansal, Ashwani Kumar

Nanotechnology Horizons in Food Process Engineering: Volume 3: Trends, Nanomaterials, and Food Delivery, Apple Acad Press Inc, ss. 207–224

Bilimsel Kitap Bölümü · Uluslararası

10. **Role of millets in disease prevention and health promotion** (2021)

Ashwani Kumar, Pooja Kumari, **Mukul Kumar**

Functional Foods and Nutraceuticals in Metabolic and Non-communicable Diseases, Elsevier, ss. 341–357 · DOI: [10.1016/b978-0-12-819815-5.00034-3](https://doi.org/10.1016/b978-0-12-819815-5.00034-3)

Bilimsel Kitap Bölümü · Uluslararası