



**Dr. Sunil S More** MSc, Ph.D, MBA  
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## **PROFESSIONAL SUMMARY**

Dedicated and compassionate teaching and research professional with 17 years of professional experience. Eager to provide a positive direction for the students overall growth as scientist, responsible citizens and academic well-being. In my previous leadership experiences organized many student centric programmes by creating state of the art facility through sponsored projects.

Played important role in establishing research centres, organizing extensive research programs, and foreign university tie-ups at the university level

**Guided-15** /Guiding-4 research scholars for doctoral programs at DSU and Jain Deemed to be university.

Authored books, Book Chapters, 184 + research articles in peer reviewed National and International reputed Journals with having google scholar **citations of 2938**, **H index of 30** and **I10 index of 78** till date and conducted Many conferences, seminars and workshops with the support of my strong network.

Always oriented towards student's betterment as a facilitator Student evaluation has always been consistent throughout the career

## **PROFESSIONAL EXPERIENCE**

### **Dayananda sagar University, Bangalore**

#### ***Controller of Examinations (COE) at DSU from 1<sup>st</sup> July 2023 to till date***

The key responsibilities as COE

Conducting examinations and assessing students performance of students at DSU in various disciplines like, MBBS, MD, B.Tech across all programs, BCA, MCA, BA- LLB, BBA-LLB, B-Design, BA Journalism, BSc, MSc in Basic Sciences, BBA, B.Com, MBA, E-MBA, Physiotherapy-BPT, MPT, Pharmacy BPharm, Pharm D, Mpharm, Nursing BSc, MSc, Allied Health Sciences, BSc, MSc, having total students strength of 13500

Complete responsibility of running digital examination from hall ticket generation to result analysis and release of results to convocation compete proceedings.

The examination process complete digital evaluation and ERP mediated result processing using Ion DVS and EMS and through ERP.

#### **Professor and Dean- School of Basic and Applied Sciences**

***1<sup>st</sup> Sep 2015 to 31<sup>st</sup> June 2023 As Dean and onwards as in charge Dean till date***

Formulation and implementation of strategy that will enhance the value and reputation of the program and the University

To exhibit innovative leadership through creativity and perspective, and engagement with the evolving healthy scientific research environment.

Organizing, planning, and setting priorities for allocation of resources within the science programs which includes development and implementation of Program budgets, Research project budget, staffing, policies, and procedures in cooperation with faculty and management considering the University mission and standards.

To build strong relationships personally with the leading Biotech and pharma industries to reduce the gap between industry and academia.

Instrumental in starting new innovative programs in BSc, MSc and Ph.D programs in pure and applied sciences at DSU

Establishing the state of the art research facility and research lab through DST and VGST grant.

### **Jain –Deemed to be University**

**Associate Professor and HOD Dept of Biochemistry. 1<sup>st</sup> Feb 2005 to 31<sup>st</sup> August 2015**

Be a member of the academic council @ Jain University and BOS Chairman of Chemistry and Biochemistry and Chaired meetings of the faculty and provided academic and strategic leadership for the faculty and to foster inter- disciplinary and inter-faculty co-operation Promote and develop good governance within the PG Center compatible with and supportive of overall University governance structures and policies

Lead the strategic development of the P.G Dept of Biochemistry in line with JU's Strategic Plan

### **DOCTORAL RESEARCH**

“Biochemical investigations in the venom of *Palamneus gravimanus* Indian black scorpion and emphasis on potassium channel interactions”

My research was on scorpion venom fractionation and its therapeutic potential for the treatment of human diseases.

### **QUALIFICATIONS**

- Doctor of Philosophy in Biochemistry (PhD), Karnatak University, 2004
- MBA – Marketing, Sikkim Manipal University, 2013

### **AWARDS AND HONOURS**

- Birla Smarak Kosh Research fellowship, Bombay Hospital, Mumbai.
- University research fellowship for the year 2000 to 2004 by Karnatak University, Dharwad for outstanding academic career at M.Sc. level.
- BOS Chairman of the Post Graduate Departments of Jain University
- BOE-Chairman of P.G Dept of Biochemistry, Jain University
- Member Academic council Jain University, Bangalore
- BOS Chairman, SBAS- DSU
- Member Academic council Dayananda Sagar University, Bangalore
- Member Research council Dayananda Sagar University, Bangalore
- Member of IBSC of Aurigene Discoveries Pvt Ltd, Bangalore
- Awarded SMYSR award for Young scientist award for the year 2010-11
- Member IHEC : Mount Carmel Autonomous college, Bangalore

### **Projects Handled**

- Purification and preparation of nano cocktail of active principles of folk medicinal plants as first-aid formulation for snake bite victims, **DST – SERB - Extra Mural Research, 29.0 Lakh** for the year 2015-19.

Impact of intestinal neuropeptides on mitochondrial function for the maintenance of colon epithelial tract in ulcerative colitis: A search for anti-colitogenic agents, **DST – SERB- Extra Mural Research, 39.0 Lakh** for the year 2016-20

- **VGST-SMYSR research award for the year 2011-12 for the seed money grant from GOk, Ten lakh**

### **Patents:**

#### **Indian Patents: 5**

1. Indian Patent: Method of fabricating a protein-Polysaccharide Scaffold. Patent Published: :202341017601 ( E-106/1550/2023/CHE. Prakruthi P acharya, V.Krishnamurthy, Sunil S More
2. Indian patent: Novel synergistic antimicrobial composition for oral hygiene using vegetable and

fruit waste. Patent Published: 202441008473 A. Archana S Rao, Hima A Salu, Ajay Nair, Pooja K R, Meghana C A, Sunil S More

3. Antifungal cream of silver Nanoparticle doped with B-cyclodextrin-ketoconazole complex (TEMP/E-176105/2024-CHE. Bhargavi Kumaraswamy, Sunil S More, Aneesa Fasim and Raju Koneri
4. System and methods for Risk assessment in non-alcoholic fatty liver (NAFLD) progression Application No 202441080114A. Rajeev Kumar, Ajay Nair, Archana S Rao and Sunil S More
5. Beta-Glucan loaded PVA-Chitosan hydrogel for wound healing patent published :202541004110. Blessy baby Mathew, Shreya Prakash, Parinika Ajoy Raj, Juwariah Fazal, Gnanavinayagam S, Sunil S More.

**Publication details** 190 papers published

**Google Scholar link:** <https://scholar.google.com/citations?user=vVZKH00AAAAJ&hl=en>

1. Harnessing the Power of *Saussurea obvallata* Zinc Oxide Nanoparticles for Accelerated Wound Healing and Antimicrobial Action. Adel Moalwi, Keerti Naik, Uday M Muddapur, Bader Aldoah, Hajar Hassan AlWadai, Abdulrahman Manaa Alamri, Saeed A Alsareii, Mater H Mahnashi, Ibrahim Ahmed Shaikh, Aejaz Abdullatif Khan & Sunil S More. International Journal of Nanomedicine 2024:19 13071–13094
2. Formulation and in-vitro permeation kinetic studies of -cyclodextrin complexed ketoconazole drug capped silver nanoparticles. Bhargavi Kumaraswamy, Sunil S More, Aneesa Fasim BM Dinesh. Journal of Preventive Medicine and Holistic Health, 2024, 10, 2, 66-73
3. UV/EMS mutagenized thermo-alkalophilic polygalacturonase from *Glutamicibacter* sp.: Physicochemical insights and biotechnological prospects. Mary Arpana, Aneesa Fasim, Sunil S More, Biocatalysis and Agricultural Biotechnology 63 (2025) 103465,
4. Exploring caffeine as a disruptor of membrane integrity and genomic stability in *Staphylococcus aureus*: functional and in silico analysis. KC Beulah, Akshatha Prasanna, Prashantha Karunakar, Archana S Rao, Sunil S More, Ajay Nair. Archives of Microbiology (2025) 207:28
5. Hydrogel integrating CBEO-CIN cocktail (*Cinnamomum pauciflorum* Nees bark oil enriched with cinnamaldehyde) loaded nanosponges exhibited potent antibacterial activity against carbapenem resistant bacterial pathogens - *in vitro* and *in vivo* evaluation. Susweta Das Mitra, S. Shailaja, R. Aruna Devi, Jyotibrata Mitra, Navya R. Reddy, Ameera, Pedda Marri Anshul, Harshitha N, Adrija Saha, J. Josephine Leno Jenita, Manjula D, Sunil S. More. Industrial Crops & Products 225 (2025) 120503
6. Green Synthesis of Zinc Oxide Nanoparticles from *Wodyetia bifurcata* Fruit Peel Extract: Multifaceted Potential in Wound Healing, Antimicrobial, Antioxidant, and Anticancer. Adel Moalwi, Keerti Kamat, Uday M Muddapur, Bader Aldoah, Hajar H Alwadai, Abdulrahman M Alamri, Fauwaz F Alrashid, Saeed Alsareii, Mater Mahnashi, Ibrahim A Shaikh, Aejaz Khan, Sunil S More
7. Impacts of Omega-3 Fatty Acids, Natural Elixirs for Neuronal Health, on Brain Development and Functions AS Rao, A Nair, K Nivetha, B Ayesha, K Hardi, V Divya, SM Veena, .Neuroprotection: Method and Protocols, 209-229, 2024
8. Using Small Molecules for Targeting Heavy Metals in Neurotoxicity and Neuroinflammation P Biswas, SS More Neuroprotection: Method and Protocols, 135-148, 2024

9. Thermoalkalophilic polygalacturonase from a novel *Glutamicibacter* sp.: Bioprospecting, strain improvement, statistical optimization and applications BPR Mary Arpana , Aneesa Fasim , Seema Rathore, Archana Rao, Sunil More, *Bioresource Technology* 394 (130283), 1-10 2\*2024
10. Exploring Bioactive Phytochemicals in *Gymnema sylvestre*: Biomedical Uses and Computational Investigations UM Muddapur, S Manjunath, YS Alqahtani, IA Shaikh, AA Khan, *.Separations* 11 (2), 502 2024
11. Production and Optimization of L-glutaminase from Halophilic *Fusarium solani-melongenae* Strain CRI 24 under Submerged and Solid State Fermentation SEDSMSI M.S. Vineetha, Nayef Abdulaziz Aldabaan, Sunil S. More, Mater H .J *Pure Appl Microbiol* 18 (1), 593-604 12024
12. Microbial Pigments: Applications in Beverage Industry A Nair, AS Rao, SK Ghat, A Lidia, SM Veena, AS Vidya, SS More *Microbial Pigments*, 84-91 1 2024
13. Development of Novel Food-Grade Pigments, AS Rao, A Nair, HA Salu, KR Pooja, CA Meghana, N Reddy, SM Veena, *.Microbial Pigments*, 158-172. 2024
14. Cold Shock Tolerance in Plants: Unravelling the Mechanisms of Adaptation. SJSSM AS Rao, A Nair, S Sethuraman *Stress in Plants: The Hidden Half* 1 (1), 194-215. 2023
15. Green synthesis, characterization of gold nanoparticles using *Justica wynaadensis* leaf extract and its biological activities MB Lava, UM Muddapur, SM Veena, SS Mor *AIP Conference Proceedings* 2399 (1)2023
16. Isolation and Biochemical Properties of Extremophilic Keratinase from *Bacillus cereus* FC1365 KG Priyanka, R Mouneesha, H Sushma, A Prakruti, HK Manjushree, .. *Proceedings of the National Academy of Sciences, India Section B: Biological ...*2023
17. Detergent-Compatible Amylases Produced by Fungal Species and Their Applications in Detergent Industry ASV Francois N. Niyonzima, Mater H. Mahnashi, Ibrahim Ahmed Shaikh ...*Science of Advanced Materials* 15 (2), 607-616
18. Antioxidant, Antilipidemic and Antimicrobial Properties of Isolated Phytochemicals in Natural Honey from Nilgiris Biosphere, India, Uday M. Muddapur Hari Priyaa Gowda , Yahya S. Alqahtani, Sunil S. More, Ibrahim Ahmed Shaikh, D.R. Manju Bhargavi , G.S. Latha , Veena S. More , Aejaaz Abdullatif Khan , Sangeetha Gowda K.R -2023
19. Statistical bioprocess optimization for enhanced production of a thermo alkalophilic polygalacturonase (PGase) from *Pseudomonas* sp. 13156349 using solid substrate fermentation (SSF) M Arpana, SS Rathore, AS Rao, A Nair, SS More... - *Heliyon*, 2023
20. Isolation and Biochemical Properties of Extremophilic Keratinase from *Bacillus cereus* FC1365KG Priyanka, R Mouneesha, H Sushma, A Prakruti... - *Proceedings of the National Academy of Sciences ...*, 2023
21. Malabar Spinach (*Basella alba*), an Exotic Wonder Herb: A Review of Biomedical Applications. *Colegio de Farmaceuticos de la Provincia de Buenos Aires*. 2023
22. Influence of Ag on the Structural, Electrochemical, Antibacterial, and Photocatalytic Performance of the (CuO–Cu<sub>2</sub>O) Cu Nanocomposite. B Uma, KS Anantharaju, BS Surendra, K Gurushantha... - *ACS omega*, 2023
23. Possible Involvement of Cellular Pathway and Cytokines in Manganese Induced Neurotoxicity in Neuroblastoma Cells via KH–Type Splicing Regulatory Protein S Singh, S More, GS Latha, H Agrawal, SM Veena... - *Pharmacognosy Research*, 2023

24. Bio-Decolorization and Degradation of Reactive Blue 222 by a Novel Isolate *Kucoria marina* CU2005. VV Lakshmaiah, SBN Krishna, SS More, SK Jayanna - *Current Trends in Biotechnology and Pharmacy*, 2023
25. An alkalophilic and thermostable polygalacturonase (PGase) from *Pseudomonas* sp. 13159349: purification, biochemical characterization and its efficacy in olive oil extraction. M Arpana, A Fasim, HK Manjushree, SS More - *Biologia*, 2023
26. Sustainable biodegradation of textile dye reactive blue 222 by the novel strain *Enterobacter* CU2004, isolated from the industrial waste: A design of experiment based optimization study and characterisation of metabolites VV Lakshmaiah, A Nag, S Gotekar, S More... - *Journal of Applied Biology and Biotechnology*, 2023
27. Ayurvedic Attributes towards Cancer Detection and Therapy Farhan Zameer Kounaina K, Anirudh Gururaj Patil, Aishwarya S, Sunil S. More, Vinay Alva, Dilip Apturkar, Raghavendra HL, Avinash MG, Shubha Gopal, Ajar Nath Yadav, Bindia Sahu, Muthuchelian K 2023
28. Microbiome-Mediated Molecular Mechanisms during Oncogenesis Farhan Zameer Anirudh Gururaj Patil, Kounaina K, Aishwarya S, Harshitha N, Sunil S. More, Vinay Alva, Dilip Apturkar, Raghavendra HL, Avinash MG, Shubha Gopal, Ajar Nath Yadav, Bindia Sahu, Muthuchelian K 2023
29. Exploring the Molecular Orchestra and their Hallmarks in Colorectal Cancer Farhan Zameer Rashmi M. Shetty, Aishwarya S, Harshitha N, Kounaina K, Anirudh Gururaj Patil, Sunil S. More, Vinay Alva, Dilip Apturkar, Raghavendra HL, Avinash MG, Shubha Gopal, Ajar Nath Yadav, Bindia Sahu, Muthuchelian K 2023
30. Onco-MicroRNA and their Related Mechanisms: An Epigenetic View Farhan Zameer Aishwarya S, Harshitha N, Kounaina K, Anirudh Gururaj Patil, Sunil S. More, Vinay Alva, Dilip Apturkar, Raghavendra HL, Avinash MG, Shubha Gopal, Ajar Nath Yadav, Bindia Sahu, Muthuchelian K 2023
31. Carbohydrases: a class of all-pervasive industrial biocatalysts AS Rao, A Nair, HA Salu, KR Pooja, NA Nandyal... - *Biotechnology of Microbial Enzymes*, 2023
32. Microbial enzymes used in textile industry FN Niyonzima, VS More, F Nsanganwimana, AS Rao... - *Biotechnology of Microbial Enzymes*, 2023
33. Silk-based biomaterials for biomedical applications A Biswas, N Banerjee, AG Patil, S Aishwarya, SS More... - *Protein-Based Biopolymers*, 2023
34. Reinforced protein polymers in biomedical engineering G Brundha, S Aishwarya, AG Patil, S Aishwarya... - *Protein-Based Biopolymers*, 2023
35. Biophysical and in vitro wound healing assessment of collagen peptides processed from fish skin waste M HK, PP Acharya, G Bhat, SS More, A Fasim - *Journal of Bioactive and Compatible Polymers*, 2023
36. Ajay Nair, Archana S Rao, Veena S More, Anantharaju Kurupalya Shivaram, Sunil S More. Use of enzymes in sports and energy drinks. Value-Addition in Beverages through Enzyme Technology, 125-138. 2023
37. Prakruti Acharya, Aneesa Fasim, Veena S More, Anantharaju Kurupalya Shivaram, Sunil S More. Enzyme technology in value addition of dairy and milk production. Value-Addition in Beverages through Enzyme Technology, 77-96-2023
38. Uday M. Muddapur and S. M. Shakeel Iqbal Sharad Singh, Ibrahim Ahmed Shaikh, Sunil S. More, Mater H. Mahnashi, Hailah M. Almohaimeed, Mohamed El-Sherbiny, Mohammed M. Ghoneim, Ahmad Umar, Harshit Kumar Soni, Himanshu Agrawal, Basheer Ahmed Mannasaheb, Aejaz Abdullatif Khan. Blockage

of KHSRP-NLRP3 by MCC950 Can Reverse the Effect of Manganese-Induced Neuroinflammation in N2a Cells and Rat Brain UMMSMSI, Mater H ...International Journal of Molecular Sciences 23 (13224), 2-19 2022

39. Yahya S Alqahtani, Amal Bahafi, Kiran K Mirajkar, Rakshith Rudrapura Basavaraju, Susweta Mitra, Sunil S More, Uday M Muddapur, Aejaz Abdullatif Khan, P Renuka Sudarshan, Ibrahim Ahmed Shaikh. In Vitro Antibacterial Activity of Green Synthesized Silver Nanoparticles Using *Mangifera indica* Aqueous Leaf Extract against Multidrug-Resistant Pathogens, ...Antibiotics 11 (11), 1503 2022
40. Sunil S More Rajeev Kumar, Ajay Nair, Archana S Rao, SM Veena, Uday Muddapur, KS Anantharaju. Reforming Process Optimization of Enzyme Production Using Artificial Intelligence and Machine Learning. ...Optimization of Sustainable Enzymes Production 1 (1), 75-97 2022
41. Rajeev Kumar, SM Veena, C Sowmya, Ajay Nair, Archana S Rao, Uday Muddapur, KS Anantharaju, Sunil S More. Optimization of Process Parameters of Various Classes of Enzymes Using Artificial Neural Network. ...Optimization of Sustainable Enzymes Production 1, 145-164 2022
42. Ajay Nair, Archana S Rao, SM Veena, Uday Muddapur, KS Anantharaju, Sunil S More. Optimization of Fermentation Process: Influence on Industrial Production of Enzymes. Optimization of Sustainable Enzymes Production 1, 53-73 2022
43. A.V. Raghu and Farhan Zameer G. Brundha, Suresh Aishwarya, Anirudh Gururaj Patil, S. Aishwarya, Sunil S. More, Kounaina Khan, Subrahmanya Padyana, J. Madhavi, Ajar Nath Yadav, H. Ravish, P.R. Manjunath, Bindia Sahu. Reinforced protein polymers in biomedical engineering. ...Protein-Based Biopolymers From Source to Biomedical Applications 1 (10.1016 ...2022
44. A.V. Raghu and Farhan Zameer N.S. Shabnoor, A. Hema Bindu, Anirudh Gururaj Patil, S. Aishwarya, Sunil S. More, Kounaina Khan, Subrahmanya Padyana, J. Madhavi, Ajar Nath Yadav, H. Ravish, P.R. Manjunath, Bindia Sahu. Peptide and protein-based hydrogels for the encapsulation of bioactive compounds and tissue engineering applications. Protein-Based Biopolymers From Source to Biomedical Applications 1 (10.1016 ...2022
45. A.V. Raghu and Farhan Zameer Antara Biswas, Namrata Banerjee, Anirudh Gururaj Patil, S. Aishwarya, Sunil S. More, Kounaina Khan, Subrahmanya Padyana, J. Madhavi, Ajar Nath Yadav, H. Ravish, P.R. Manjunath, Bindia Sahu. Silk-based biomaterials for biomedical applications. ...Protein-Based Biopolymers from Source to Biomedical Applications 1 (10.1016 ...2022
46. Sunil S. More & Susweta Das Mitra Shailaja S, Harshitha N, Aneesa Fasim. Identification of a potential inhibitor for New Delhi metallo- $\beta$ -lactamase 1 (NDM-1) from FDA approved chemical library- a drug repurposing approach to combat carbapenem resistance. JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS 1 (<https://doi.org/10.1080> ...2022
47. Sunil S More Prakruti Acharya , Manjushree K, Aneesa F, K. S. Anantharaju, Nagaraju K. V. K Murthy. Synthesis of nano hydroxyapatite from *Hypophthalmichthys molitrix* (silver carp) bone waste by two different methods: a comparative biophysical and in vitro evaluation on .....Biotechnology Letters 1 (<https://doi.org/10.1007/s10529-022-03292>), 1-14 2022
48. B Uma, KS Anantharaju, S Malini, Sunil S More, YS Vidya, S Meena, BS Surendra. Synthesis of novel heterostructured Fe-doped Cu<sub>2</sub>O/CuO/Cu nanocomposite: Enhanced sunlight driven photocatalytic activity, antibacterial and supercapacitor properties, ...Ceramics International 2022
49. Uday M. Muddapur and Aejaz A. Khan Yahya S. Alqahtani , Sunil S. More , Keerthana R, Ibrahim Ahmed Shaikh , Anusha K.J. , Veena S. More , Francois N. Niyonzima. Production and Purification of Pectinase from *Bacillus subtilis* 15A-B92 and Its Biotechnological Applications ...Molecules 27 (4195), 1-10 2022
50. Sunil S More Hari Priyaa G, Veena SM, Uday Muddapur, Siddalingappa Sajjanar, Kiran K Mirajkar, Anantharaju K S. Inhibition of LDL Oxidation and Foam Cell Development of Tannin Methanol Extract from Citrus limon and Honey Formulation on Cell lines ...Pharmacognosy Research 14 (2), 158-165 2022
51. S. M. S Iqbal I A Shaikh , U M. Muddapur , Z K. Bagewadi , Sneha Chiniwal , M M. Ghoneim , M H.

- Mahnashi , F Alsaikhan , Deepak Y , Francois N., S S. More , B A Mannasaheb , Amer A A, A Asiri , A A Khan. Characterization of Bioactive Compounds from *Acacia concinna* and *Citrus limon*, Silver Nanoparticles' Production by *A. concinna* Extract, and Their Biological Properties,...*Molecules* 27 (2715), 1-15 2022
52. Sunil S. More Ajay Nair, Archana S. Rao, K. Nivetha, Prakruthi Acharya, Aneesa Fasim, Veena S. More, K. S. Anantharaju. Fungal Extremozymes in Green, ...*Extremophilic Fungi-Ecology, Physiology and Applications* 1 (1), 683-707 2022
  53. Sunil S. More Aneesa Fasim, A. Prakruti, H. K. Manjushree, S. Akshay, K. Poornima, Veena S. More. Extremophilic Fungal Xylanases: Screening, Purification, Assay, and Applications,...*Extremophilic Fungi-Ecology, Physiology and Applications* 1 (1), 367-393 2022
  54. Sunil S. More Aneesa Fasim, H. K. Manjushree, A. Prakruti, S. Rashmi, V. Sindhuja, Veena S. More, K. S. Anantharaju. Biotechnological Application of Extremophilic Fungi,...*Extremophilic Fungi-Ecology, Physiology and Applications* 1 (1), 315-345 2022
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  56. Allwin Ebinesar Jacob Samuel Sehar, Veena S More, Amrutha Gudibanda Ramesh, Sunil S More. Biosorption of Heavy Metals and Metal-Complexed Dyes Under the Influence of Various Physicochemical Parameters, *Biotechnology for Zero Waste: Emerging Waste Management Techniques*, 189-205 2022
  57. Veena S More, Allwin Ebinesar Jacob Samuel Sehar, Anagha P Sheshadri, Sangeetha Rajanna, Anantharaju Kurupalya Shivram, Aneesa Fasim, Archana Rao, Prakruthi Acharya, Sikandar Mulla, Sunil S More. Bioremediation of Pesticides Containing Soil and Water, ...*Biotechnology for Zero Waste: Emerging Waste Management Techniques*, 83-94 2022
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