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BOOKS AND CHAPTERS

1. **M.L. Aruna Kumari.** Bioinspired synthesis of nanomaterials for photoelectrochemical applications (Chapter 7). 2022. In: Bio-inspired Nanomaterials: Synthesis and Emerging Applications. Materials Research Foundations. ISBN: 978-164490-1836-7
2. **M.L. Aruna Kumari.** Oxides free materials for photocatalytic water splitting (Chapter 16). 2022. In: Oxide Free Nanomaterials for Energy Storage and Conversion Applications. Elsevier. ISBN: 978-01282-3936-0
3. **Malayanur L. Aruna Kumari**, Peram Lokanatha Reddy, Jayaraman Theerthagiri, Seung Jun Lee, Arun Prasad Murthy, Yiseul Yu, Myong Yong Choi. Additively Manufactured Electrochemical Sensors and Biosensors (Chapter 14). 2022. In: Nanotechnology-Based Additive Manufacturing: Product Design, Properties and Applications. WILEY-VCH. ISBN: 978-35273-4984-5
4. **Shivaji Bole, Kamatchi C, Neena Aloysious, Linsha Lakshmanan.** Phytochemical evaluation and pharmacological screening of *Coccinia grandis*. 2022. In: Research Aspects in Biological Science Vol I. B P International. ISBN: 978-93554-7306-6
5. **M. Bhushanam, Dakshayini P N, Latha V, Sony Samuel.** 2022. Economic Zoology. Selfypage Developers Pvt Ltd. ISBN: 978-93-5747-001-8
6. **Bharathi S, Yogesh BJ.** Anaerobic co-digestion as a smart approach for enhanced biogas production and simultaneous treatment of different wastes. 2022. In: Biotechnology for Zero Waste. WILEY-VCH. ISBN: 978-35273-4898-5
7. **BJ Yogesh, Bharathi S.** Industrial Aspects of Microbes (Chapter 3). 2022. In: Industrial Applications of Soil Microbes (vol 1). Bentham Science Publishers. ISBN: 978-981-5039-96-2
8. **S. Bharathi, Deepthi Varier.** Mycorrhiza and its ecological significance (Chapter 5). 2022. In: Industrial Applications of Soil Microbes (vol 3). Bentham Science Publishers. ISBN: 978-981-5039-96-2
9. **S. Bharathi, Prajeesh P. Nair.** Soil microflora- a potential source of antibiotics (Chapter 6). 2022. In: Industrial Applications of Soil Microbes (vol 2). Bentham Science Publishers. ISBN: 978-981-5039-96-2

- 10.** G. Indira Priyadarshini, K. Sujatha, B. Deepa Lakshmi, C. Kamatchi. **Detection of cardiac Stenosis using radial basis function network.** 2021. In: Advances in Intelligent Systems and Computing. Springer, Singapore. ISBN: 978-981-33-6980-1
- 11.** Madhukala KL, Praddep S Kaushik, Vatsalya Krupa. 2021. **University Chemistry (Volume 1).** Subhas Stores. ISO:9001-2000
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- 16.** Evan Joseph, Himakshi Bhagwanani, Kokila Srinivas. **Alternative Splicing: Defying one Gene, one mRNA, one Protein.** 2021. In: Recent advances and current trends in chemical and life sciences. Immortal Publication. ISBN: 978-93543-7095-3
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- 21.** Pramod T., Sharangouda J. Patil. **Essential Oils Production methods, Chemical constituents, Biosynthesis and their Application in Infectious Diseases.** 2021. In: Bioactive Molecules against Infectious Diseases: Current Concepts and Updates. Innovation Info Publisher, UK. ISBN: 978-1-63278-998-3

- 22.** Jayashree V H, Darcia D'mello, K Shivasharanappa, **T Pramod**, Sharangouda J. Patil. **Filaricidal activity of phytochemicals against lymphatic filariasis.** 2001. In: Neglected Tropical Diseases and Phytochemicals in Drug Discovery. John Wiley & Sons, Canada. **ISBN: 978-11196-1660-3**
- 23.** Udayabhanu, **S B Patil**, G. Nagaraju. **Recent Advances in Nanostructured Materials for Detoxification of Cr(VI) to Cr(III) for Environmental Remediation.** 2021. In: Nanostructured Materials for Environmental Applications. Springer Nature, Switzerland. **ISBN: 978-3-030-72075-9**
- 24.** S Biradar, **K M Kiran Kumar**, M Naveen Kumar, R L Babu. **Identification of Clinical Variants Present in Skin Melanoma Using Exome Sequencing Data.** 2020. In: Advances in Computational and Bio-Engineering. Springer Nature, Switzerland. **ISBN: 978-3-030-46943-6**
- 25.** Kokila S., Suchithra B, V R Devaraj, Ravisawmy G H Math, Praveena N. **RAB8a as Potential Target for the Control of SARS-CoV-2 Infection.** 2020. In: Role of Chemical Sciences in Technology and Development for Sustainability. Immortal publication. **ISBN: 978-93541-6618-1**
- 26.** Jayarathne J A J C, Dahal K, Mukherjee M, **Prakash P.** **Production, Optimization and Partial purification of detergent compatible and thermostable alkali protease by Bacillus clausii PHBS 12A.** 2020. In: Innovations in Biochemical Techniques. Daya Publishing House (Astral). **ISBN: 978-93-89605-25-9 (HB81-103)**
- 27.** **Pramod T.** **Immobilization- Methods and Applications.** 2020. In: Innovations in Biochemical Techniques. Daya Publishing House (Astral). **ISBN: 978-93-89605-26-6**
- 28.** Susil Kumar Sahoo. **An Optimized Hybrid Channel Allocation Algorithm to minimize Call Blocking & Call Dropping in Cellular Mobile Network.** 2020. In: Virtual Conference on Artificial intelligence, Network security, Data science and iOt –VCANDO – 2020. Vellore Engineering College, Chennai.
- 29.** B K Indu, **R Kavyashree**, S Balasubramanya, M Anuradha. **Tree Improvement in Red Sanders.** 2019. In: Red Sanders: Silviculture and Conservation. Springer Nature. Singapore. **ISBN: 978-981-13-7626-9**
- 30.** K Sujatha, V Karthikeyan, R S Ponmagal, N P G Bhavani, V Srividhya, Rajeswari Hari, **C Kamatchi.** **Image Analysis for Diagnosis and Early Detection of Hepatoprotective Activity.** 2019. In: Classification Techniques for Medical Image Analysis and Computer Aided Diagnosis. Academic Press. **ISBN: 978-0-12-818004-4**
- 31.** Jayanthi Abraham, **Ritika Chauhan.** **Bioprospecting of actinomycetes: Computational drug discovery approach.** 2017. In: Advances in Biotechnology. Open Access eBooks. **ISBN: 978-81-935757-0-3**

- 32.** Sayantan Chatterjee, Kokila S. **GC-MS analysis of Bio-active compounds from methanolic extract of Melastoma malabathricum.** 2017. In: Emerging Trends and New Challenges in Biotechnology. Pappathy Publications. **ISBN: 978-81-924478-0-3**
- 33.** P M Wadanambi, Kokila S. **Analysis of in vitro antioxidant potential, total phenol content and GC-MS analysis of bioactive compounds from leaf extracts of Aristolochia littoralis.** 2017. In: Emerging Trends and New Challenges in Biotechnology. Pappathy Publications. **ISBN: 978-81-924478-0-3**