

BOOKS-BOOK CHAPTERS

Sl.No.	Title of the Books / Book chapters	Name of the author	Publisher	ISBN No.	Year
1.	THE PROTEIN HANDBOOK: <i>From Amino Acids to Engineered Molecules</i>	Dr. A. S. Maheshwari	Shanlax Publications, Madurai	978-93-6163-214-3	2025
2.	GREEN VOLTS: <i>Bio-Electrochemistry for a Sustainable World</i>	Dr. A. S. Maheshwari	Shanlax Publications, Madurai	978-93-6163-908-1	2025
3.	AMINO ACID MYSTERIES: <i>The Genetic Link to Brain Disorders</i>	Dr. A. S. Maheshwari	First Book Publishing, Madurai	978-93-92151-96-5	2025
4.	THE BIOLOGY OF THE SOUL: <i>Unveiling the Science behind Our Inner World</i>	Dr. A. S. Maheshwari	First Book Publishing, Madurai	978-93-92151-62-0	2025
5.	The Nanocatalysed Anaerobic Dark Fermentation Process: Advances in Biohydrogen Production, A Closer Look at Anaerobic Digestion	Dr.V.Pugalenth	Nova Science Publisher	979-8-89113-358-7	2023
6.	“Biosurfactant: A Sustainable Replacement for Chemical Surfactants” in Hand book on Sustainable Bioprocessing for a Clean and Green Environment	Dr.K.Ravi shankar Dr.V.Tamil Elakkiya Dr.T.Gajendran	Pp 217-234 CRC Press	9781003035398	2021
7.	Comprehensive review of the prospective and development for the production of bio alcohols using nanoparticles	Dr.T.Gajendran	Elsevier	978-0-12-822401-4	2021
8.	Several assorted characterization methods of nanoparticles	Dr.T.Gajendran	Elsevier	978-0-12-822401-4	2021

9.	Green Synthesis of MgO Nanoparticles Using Sesbania bispinosa and Its In Vitro Effect on Chlorophyll Content in Long Bean Plant	Dr.P.Sureshkumar Dr.V.Tamil Elakkiya Dr.K.Ravi shankar	Springer, Singapore	289-300	2020
10.	“Genetic Engineering of Microorganisms: Advances and Challenges” in Hand book on Microbes for a Sustainable Environment and Human Welfare: Advancements and Opportunities.	Dr.K.Ravi shankar Dr.V.Tamil Elakkiya	pp1-38 Nova Science Publishers	978-1-53619-0625	2020
11.	“Application of microorganism for the production of biofuels - Emerging trends and opportunities” in Hand book on Microbes for a Sustainable Environment and Human Welfare: Advancements and Opportunities.	Dr.K.Ravi shankar	Pp 171-216 Nova Science Publishers	978-1-53619-0625	2020
12.	Therapeutic Application Of Microorganisms	Dr.T.Gajendran	Nova Science Publisher, USA	978-1-53619-062-5	2020
13.	Ch. 8: Global Perspectives on Air Pollution Prevention and Control System Design: The Climate Change and Air Pollution: The Correlated Actions	Dr. A. S. Maheshwari	978-1-5225-7289-3	IGI Global	2019
14.	“Metabolic Engineering and Molecular Biotechnology of Biohydrogen Production”, Biohydrogen Second Edition	Dr.V.Pugalenth	Elsevier	pp-413-429	2019
15.	“Bioprocessing for Enhanced Biological Textile Wastewater Treatment” Bioprocess Engineering for a Green Environment	Dr.R.Brindha Dr.K.Ravi shankar	PP 99-130 Taylor & Francis CRC press	9781315232379	2018

16.	A Handbook on Molecular and Analytical Techniques in Biotechnology: Probability of amino acids occurrence in proteins from melting temperature perspective	Dr. A. S. Maheshwari	978-93-80509-82-2	SELP Publication	2016
17.	Handbook on Molecular and Analytical Techniques in Biotechnology	Dr.P.Sureshkumar Dr.B.Anandaraj	SELP Publication, Tiruchirappalli	978-93-80509-82-2	2016
18.	Restriction Fragment Length Polymorphism” Hand Book on Molecular and Analytical Techniques in Biotechnology	Dr.B.Anandaraj	SELP Publication	978-93-80509-82-2	2016
19.	“Fed-batch fermentation of Bacillus subtilis AKRS3 for efficient production of alkaline protease using different feeding strategies” in Hand book on Molecular and analytical techniques in Biotechnology	Dr.R.Brindha Dr.K.Ravi shankar	Pp 44-53 SELP Publication, Tiruchirappalli	978-93-80509-82-2	2016
20.	“Green synthesis of nanoparticles “ in hand book on molecular and analytical techniques in biotechnology	Dr.V.Tamil Elakkiya	SELP Publications	978-93-80509-82-2 Pp 44-53	2016
21.	Theoretical Background for Measurement of volumetric Mass Transfer Coefficient $K_L a$ and Procedure for Estimation by Dynamic Gassing out Technique	Mr. A.Sivakumar ponambalam	SELP Publication, Tiruchirappalli	978 – 93 – 80509 – 82 -2	2016
22.	Comparative Assesment of in vitro antioxidant and Antiproliferative activity in Morinda citrifolia fruit and commercial juice. “Biotechnological approaches for sustainable development"	Dr.P.Sureshkumar	Regency publications. Astral International (P) Ltd, New Delhi.	9788189233938	2015

23.	Cyanobacterial Nitrogenase Detection by Immuno Fluorescence, Hand Book on Molecular and Analytical Techniques in Biotechnology	Dr.S.Geetha	SELP Publications	978-93-80509-82-2	2015
24.	“International Conference on Modern Progress in Biotechnology”	Dr.B.Anandaraj Dr.P.S.Sudhakar Gandhi	Global Science Publications	0972-3005	2015
25.	Biosynthesis of silver nanoparticles using Tephrosia tinctoria for antibacterial activity against multidrug resistant pathogens” Nanobio Pharmaceutical Technology: Applications and Perspectives	Dr.P.Sureshkumar	Elsevier, Reed Elsevier India Pvt Ltd	978-935-107-293-5	2014
26.	“Enhanced biohydrogen production from glycerol using pretreated mixed culture”	Dr.V.Pugalenth	Sardar Swaran Singh National Institute of Renewable Energy. Kapurthala	978-81-927097-2-7 pp. 273-279	2014
27.	“Biohydrogen productions using single chamber membrane free microbial electrolysis cell with stainless steel cathode”	Dr.V.Pugalenth	Sardar Swaran Singh National Institute of Renewable Energy. Kapurthala	978-81-927097-2-7 pp. 419-426.	2014
28.	“Production of biodiesel from neem oil using synthesized iron nano catalyst”	Dr.V.Pugalenth	Sardar Swaran Singh National Institute of Renewable Energy. Kapurthala	978-81-927097-2-7 pp. 337-345	2014
29.	Green synthesis of Silver nano particle from Leaf extract of Brenia Vitis Edia	Dr B. Anandaraj Dr.T.P Rajesh Dr.P.Suresh Babu Dr.C.Narendar	Department Of Pharmaceutical Technology, Anna University-BIT Campus	9789351072935	2014

30.	Optimization of media for the production of Keratinase enzyme	Dr. B. Anandaraj Dr.T. P. Rajesh Dr.N. Illavarasan Dr.P. Saranya Devi	International Conference on Innovations And Future Research Dimensions on Nanobio	9780351072935	2014
31.	Packed bed column adsorption of CR VI onto acid treated Codium Tomentosum biomass	Dr. P. Suresh Babu Dr.S. Easwarmoorthy Dr.T. P. Rajesh Dr.B. Anandaraj	International Conference on Innovations And Future Research Dimensions on Nanobio	9789351072935	2014
32.	Green synthesis of silver nanoparticles from leaf extracts of ASCLEPIASCURASSAVI CA	Dr.T.P.Rajesh Dr.C.Narendhar Dr.A.Sivakumar Ponambalam Dr.V.Mohanambal Dr.Sivamani	Journal of Chemical and Pharmaceutical Sciences	0974-2115	2014
33.	Isolation and identification of feather degrading bacteria from feather dumped soil	Dr.T.P.Rajesh Dr.B.Anandaraj Dr.S.Rajasekar	Journal of Chemical and Pharmaceutical Sciences	0974-2115	2014
34.	Effect of media optimization for batch kinetics of cell growth and Andrographolide production by altering carbon source, nitrogen source	Dr. M.Anis Kumar Dr.R.Umamaheswari Dr.H.S.Shaheenabhanu Dr.T.P.Rajesh Dr.P.Selvamani	Journal of Chemical and Pharmaceutical Sciences	0974-2115	2014