



Chhatrapati Shahu Ji Maharaj University, Kanpur
Uttar Pradesh State University (Formerly Kanpur University, Kanpur 208024)
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3.4.6 Number of books and chapters in edited volumes published per teacher

Year : 2018-19

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	ISBN/ISSN number of the proceeding	Name of the publisher
1	Sadhana Sagar, Shilpa Kaistha, Amar Jyoti Das, Rajesh Kumar	Antibiotic Resistant Bacteria: A Challenge to Modern Medicine	Advance Class of Antibiotics of the Twenty-First Century	NA	978-981-10-0875-16	Springer Singapore
2	Sadhana Sagar, Shilpa Kaistha, Amar Jyoti Das, Rajesh Kumar	Antibiotic Resistant Bacteria: A Challenge to Modern Medicine	Antibiotic Resistance: Role and Pattern in Different Class of Bacteria	NA	978-981-10-0875-15	Springer Singapore
3	Sadhana Sagar, Shilpa Kaistha, Amar Jyoti Das, Rajesh Kumar	Antibiotic Resistant Bacteria: A Challenge to Modern Medicine	Bacteriophage: A New Hope for the Control of Antibiotic-Resistant Bacteria	NA	978-981-10-0875-14	Springer Singapore
4	Sadhana Sagar, Shilpa Kaistha, Amar Jyoti Das, Rajesh Kumar	Antibiotic Resistant Bacteria: A Challenge to Modern Medicine	Chemical-Mediated Alteration of Antibiotics	NA	978-981-10-0875-13	Springer Singapore
5	Sadhana Sagar, Shilpa Kaistha, Amar Jyoti Das, Rajesh Kumar	Antibiotic Resistant Bacteria: A Challenge to Modern Medicine	Collapse of Antibiotic Resistance with the Help of Genetic Approaches	NA	978-981-10-0875-11	Springer Singapore
6	Sadhana Sagar, Shilpa Kaistha, Amar Jyoti Das, Rajesh Kumar	Antibiotic Resistant Bacteria: A Challenge to Modern Medicine	Effect of Drug-Resistant Bacteria on Agriculture, Livestock, and Environment	NA	978-981-10-0875-12	Springer Singapore
7	Sadhana Sagar, Shilpa Kaistha, Amar Jyoti Das, Rajesh Kumar	Antibiotic Resistant Bacteria: A Challenge to Modern Medicine	Emergence of Antibiotic-Resistant Microbes Immediately After the Discovery of Antibiotics	NA	978-981-10-0875-10	Springer Singapore
8	Sadhana Sagar, Shilpa Kaistha, Amar Jyoti Das, Rajesh Kumar	Antibiotic Resistant Bacteria: A Challenge to Modern Medicine	Era of Antibiotic Discovery	NA	978-981-10-0875-9	Springer Singapore
9	Sadhana Sagar, Shilpa Kaistha, Amar Jyoti Das, Rajesh Kumar	Antibiotic Resistant Bacteria: A Challenge to Modern Medicine	Extrinsic Antibiotic-Resistant Mechanism in Bacteria	NA	978-981-10-0875-18	Springer Singapore
10	Sadhana Sagar, Shilpa Kaistha, Amar Jyoti Das, Rajesh Kumar	Antibiotic Resistant Bacteria: A Challenge to Modern Medicine	Intrinsic Antibiotic Resistance Mechanism in Bacteria	NA	978-981-10-0875-18	Springer Singapore
11	Dr. Pooja Agarwal	Towards New Horizons in Indian English Literature	Mechanisms of Subversion: Language as a Tool of Gender Protest In Meena Kandasamy's Touch	NA	978-9385528071	YKing Books

12	Neerja Srivastava	"Wheat Production in Changing Environments"	Molecular and Biotechnological Tools in Developing Abiotic Stress Tolerance in Wheat	NA	978-981-13-6883-7	springer Link
13	Nand Lal	Environmental Toxicology and Bioremediation	Molecular Mechanisms of Nickel (Ni) Homeostasis in Plants Uptake, Tolerance and Hyperaccumulation	NA	ISBN: 978-93-86841-	Discovery Publishing House Pvt. Ltd., New Delhi (India)
14	Dr.Prabal Pratap Singh	NA	NA	Comparative study of photonic bandgap and transmittance in 1D Photonic Crystals	0018-9219	IEEE Proceedings
15	Dr.Prabal Pratap Singh	NA	NA	External control of Photonic bands in magnetised cold plasma	1551-7616	AIP Conference Proceedings
16	Siddhartha Kumar Mishra	NA	NA	In Proceedings: National Seminar on Science & Technology: Rural Development Students		
17	Siddhartha Kumar Mishra	NA	NA	In Proceedings: National Seminar on Science & Technology: Rural Development Students		
18	Sadhana Sagar, Shilpa Kaistha, Amar Jyoti Das, Rajesh Kumar	Antibiotic Resistant Bacteria: A Challenge to Modern Medicine	Nanotechnology: A Twenty-First-Century Approach Towards the Control of Antibiotic-Resistant Bacteria	NA	978-981-10-0875-17	Springer Singapore
19	Neerja Srivastava	"Environmental Concerns and Sustainable Development"	Reclamation of Saline and Sodic Soil Through Phytoremediation	NA	978-981-13-5889-0	springer Link
20	Neerja Srivastava	Environmental Concerns and Sustainable Development	Reclamation of Saline and Sodic Soil through Phytoremediation	NA	978-981-13-5889-0	CABI Digital Library
21	Neerja Srivastava	in Wheat Wheat Production in Changing Environments	Salt Stress Responses and Tolerance	NA	978-981-13-6883-7	springer Link
22	Neerja Srivastava	Wheat Production in Changing Environments	Salt Stress Responses and Tolerance in Wheat	NA	978-981-13-6883-7	Springer Link
23	Dr. Pooja Agarwal	Representations of Femininity: Society, Identity, and Literature	The Language of Transgression: Redefining Womanhood in Toni Morrison's Song of Solomon	NA	978-8126923380	Atlantic
24	Bandopadhyay S., Bandyopadhyay N., Ahmed S., Yadav V., Tekade R.K.	Biomaterials and Bionanotechnology	Current Research Perspectives of Orthopedic Implant Materials	NA	9780128144282; 9780128144275	Elsevier
25	Srivastava N.	Environmental Concerns and Sustainable Development: Volume 2: Biodiversity, Soil and Waste Management	Reclamation of saline and sodic soil through phytoremediation	NA	9789811363580; 9789811363573	Springer Singapore

26	Verma P., Singh D., Pathania I.P., Aggarwal K.	Soil Fertility Management for Sustainable Development	Strategies to improve agriculture sustainability, soil fertility and enhancement of farmers income for the economic development	NA	9789811359040; 9789811359033	Springer Singapore
27	Sagar S., Kaistha S.D.	Advances in Plant & Microbial Biotechnology	Small Colony Variant Selection, Biofilm 14 Induction, and Interspecies Interactions of Ocular Clinical Pseudomonas aeruginosa	NA	9789811363214; 9789811363207	Springer Singapore
28	Niranjan R.S., Singh O., Ramkumar J.	Advances in Fluid and Thermal Engineering	Experimental investigation of forced convection on square micro-pin fins	NA	21954356	Pleiades journals
29	Singh S., Singh D.B., Singh S., Shukla R., Ramteke P.W., Misra K.	NA	NA	Exploring Medicinal Plant Legacy for Drug Discovery in Post-genomic Era	3698211	scopus
30	Kumar A., Shukla S., Shukla R.K., Gupta R.	NA	NA	Suitability of bulk samples/thin films in Ag doped Se-Sb chalcogenide glassy system for device applications	0094243X	scopus
31	Shukla S., Kumar A., Kumar S., Shukla R.K.	NA	NA	Spectral dependence transmittance of a-Se-In thin films: Applicability in optical devices	0094243X	scopus
32	Singh D.B., Dwivedi S.	Network Modeling Analysis in Health Informatics and Bioinformatics	Computational screening and ADMET-based study for targeting Plasmodium S-adenosyl-l-homocysteine hydrolase: top scoring inhibitors	NA	21926662	scopus
33	Mishra H., Kesharwani R.K., Singh D.B., Tripathi S., Dubey S.K., Misra K.	Network Modeling Analysis in Health Informatics and Bioinformatics	Computational simulation of inhibitory effects of curcumin, retinoic acid and their conjugates on GSK-3 beta	NA	21926662	scopus
34	Pant N., Verma A.L., Pandey S.D.	Bulletin of Materials Science	Effect of vanadyl doping on relative intensities of factor group split Raman bands in potassium oxalate monohydrate	NA	2504707	scopus
35	Sharma R.K., Kumar R.	International Journal of Biological Macromolecules	Functionalized cellulose with hydroxyethyl methacrylate and glycidyl methacrylate for metal ions and dye adsorption applications	NA	1418130	scopus

36	Kumar R., Sharma R.K., Singh A.P.	Separation and Purification Technology	Grafting of cellulose with N-isopropylacrylamide and glycidyl methacrylate for efficient removal of Ni(II), Cu(II) and Pd(II) ions from aqueous solution	NA	13835866	scopus
37	Bind A., Kushwaha A., Devi G., Goswami S., Sen B., Prakash V.	Applied Water Science	Biosorption valorization of floating and submerged macrophytes for heavy-metal removal in a multi-component system	NA	21905487	scopus
38	Bandopadhyay S., Bandyopadhyay N., Ahmed S., Yadav V., Tekade R.K.	Biomaterials and Bionanotechnology	Current Research Perspectives of Orthopedic Implant Materials	NA	NA	scopus
39	Singh S., Singh J., Shukla J.B.	Modeling Earth Systems and Environment	Modelling and analysis of the effects of density dependent contact rates on the spread of carrier dependent infectious diseases with environmental discharges	NA	23636203	scopus
40	Verma P., Singh D., Pathania I.P., Aggarwal K.	Soil Fertility Management for Sustainable Development	Strategies to improve agriculture sustainability, soil fertility and enhancement of farmers income for the economic development	NA	NA	scopus
41	Yadav A.K., Manjul M.	Communication and Computing Systems- Proceedings of the 2nd International Conference on Communication and Computing systems, ICCCS 2018	Algorithms for maximal independent set problems	NA	NA	scopus
42	Sagar S., Kaistha S., Das A.J., Kumar R.	Antibiotic resistant bacteria: A challenge to modern medicine	Antibiotic resistant bacteria: A challenge to modern medicine	NA	978-981139879-7, 978-981139878-0	scopus
43	Singh V.S., Tripathi P., Pandey P., Singh D.N., Dubey B.K., Singh C., Singh S.P., Pandey R., Tripathi A.K.	Molecular Plant-Microbe Interactions	Dicarboxylate transporters of Azospirillum brasilense Sp7 play an important role in the colonization of finger millet (Eleusine coracana) roots	NA	8940282	scopus
44	Singh A.P., Nath R., Kumar S.	NA	NA	A Survey: Speech Recognition Approaches and Techniques	NA	scopus