

LIST OF PUBLICATIONS

Peer Reviewed Journals:

1. Kandel KL, **Singh A**, Roche PW and MacDonald M (1999). Infections of foot ulcers in leprosy patients. Proceedings of IIIrd National Conference on Science and Technology. National Academy of Science and Technology (NAST), Volume I, Kathmandu, Nepal, pp. 569-573 NEPJOL
2. **Singh A**, Singh Ar, Rexer K-H, Kost G and Varma A (2001) Root endosymbiont: *Piriformospora indica* – A Boon for Orchids. Orchid The Journal of Orchid Society of India, **15(1-2)**: 89-102
3. Singh A, **Singh A** and Varma A (2002) *Piriformospora indica* – *in vitro* Raised Leguminous Plants: An New Dimension in Establishment and Phyto-promotion, Indian Journal of Biotechnology. 1: 372-376. Impact factor-**0.413**
4. **Singh A**, Singh Ar, Kumari M, Rai MK and Varma A (2003). Biotechnological Importance of *Piriformospora indica*-A Novel Symbiotic Mycorrhiza-Like-Fungus: An Overview. Special Issue on Plant Molecular Biology and Biotechnology. National Institute of Science Communication and Information Resources, New Delhi, India. Indian Journal of Biotechnology. 2: 65-75. Impact factor-**0.287**
5. **Singh A** and Varma A (2005) Functional and immuno-characterization of Sebacinale: Fungi with a broad mycorrhizal potentials. His Ministry's Government, Ministry of Environment, Science and Technology, Singha Darbar, Kathmandu, Nepal, A multidisciplinary Annual Journal of Science and Technology, Scientific World 3 (3): 53-61 NEPJOL
6. **Singh A** and Varma A (2006) Cultivation of Symbiotic Fungi. Ministry of Environment, Science and Technology, Government of Nepal, BP Koirala Memorial Planetarium, Observatory and Science Museum Development Board, Scientific World 4 (4): 52-59 NEPJOL
7. Adhikari N, Rai SK, **Singh A**, Dahal S and Ghimire G (2006) Intestinal Parasitic Infections Among HIV Seropositive and High Risk Group Subjects for HIV Infection in Nepal. Nepal Medical College Journal, 8:166-170 NEPJOL and NEPMED
8. Pant J, Rai SK, **Singh A**, Lekhak B, Shakya B and Ghimire G (2006) Microbial study of hospital environment and carrier pattern study among staff in Nepal Medical College Teaching Hospital. Nepal Medical College Journal, 8:194-199 NEPJOL and NEPMED
9. Shakya B, Rai SK, **Singh A** and Shrestha A (2006) Intestinal Parasite Among the Elderly People in Kathmandu Valley. Nepal Medical College Journal, 8:243-247 NEPJOL and NEPMED
10. Shrestha UT, Sahukhal GS, Pokharel S, Tiwari KB, **Singh A** and Agarwal VP (2006) Delta-endotoxin Immuno-Cross-reactivity of *Bacillus thuringiensis* Isolates Collected from Khumbu Base Camp of Mount Everest Region. Nepal Food Scientists and Technologists Association, Journal of Food Science and Technology **2**:128-131 IF- **4.11**
11. **Singh A** (2007) Molecular basis of plant-symbiosis fungi interaction: An overview. Ministry of Environment, Science and Technology, Government of Nepal, BP Koirala Memorial Planetarium, Observatory and Science Museum Development Board, Scientific World pp 4 (5): 115-131 NEPJOL
12. **Singh A**, Roy A and Varma A (2007) Immobilization of plant promoting symbiotic fungus *Piriformospora indica* and its biotechnological applications. NAST, Khumaltar, Nepal, Journal of Science and Technology 8:105-112 NEPJOL
13. Shrestha UT, Shahukhal GS, Tiwari KB, Pokharel S, **Singh A** and Agrawal VP (2007) Strong mosquitocidal *Bacillus thuringiensis* from Mt. Everest. Our Nature **5**:67-69 IF- **0.659**
14. **Singh A** (2007-08) Bacteriological Study of Food of Bahirigaon – Kirtipur. Journal of Institute of Science and Technology (JIST) **15**: 27-34 NEPJOL
15. Sahukhal GS, Shrestha UT, Tiwari KB, Lekhak B, **Singh A** and Agrawal VP (2007-08) Optimization on RAPD-PCR for genetic fingerprinting of *Bacillus thuringiensis*. Journal of Science and Technology, **15**: 90-102 NEPJOL
16. Dhungana N, Raut P and **Singh A** (2008) Effect of *Glomus microcarpum* in relation to the biomass production of wheat plants. Journal of Science and Technology. 9: 79-83 NEPJOL
17. Thapa P, Singh A and Karki TB (2008) Assessment of Hazard Analysis Critical Control Point (HACCP) of Fast Food (Momo) from Restaurants of Kathmandu valley. Nepal Journal of Science and Technology, 9: 49-56 NEPJOL
18. Prajapati, K., Yami, K.D., and **Singh, A.** (2008). Plant growth promotional effect of *Azotobacter chroococcum*, *Piriformospora indica* and *vermicompost* on rice plant. Nepal Journal of Science and Technology 9:85-90. NEPJOL
19. Smith LSS, Shrestha SD, Tuladhar S, Shrestha R, Shah RB, **Singh A**, Shrestha J, Shakya S, (2009) An Ecological Approach, to Understanding Arsenic in Nepal, Chapman Conference on Arsenic, Seim Reap, Cambodia, March 27
20. **Singh A**, Janaki L, Petri Jr. WA and Houpt ER (2009) Short Report: *Giardia intestinalis* Assemblage A and B Infections in Nepal. The American Journal of Tropical Medicine and Hygiene, USA, 81(3):538-539. Impact factor- **2.453**.

21. Jayana BL, Prasai T, **Singh A** and Yami KD (2010) Study of antimicrobial activity of lime juice against *Vibrio cholera*. Ministry of Environment, Science and Technology, Government of Nepal, BP Koirala Memorial Planetarium, Observatory and Science Museum Development Board. Scientific World **6(6)**: 44-46 NEPJOL
22. Subedi B, Shakya P, KC U, Jnawali M, Paudal BD, Acharya A, Koirala S, Singh A (2011) Prevalence of dental caries in 5–6 years and 12–13 years age group of school children of Kathmandu valley. J. Nepal Med. Assoc. 51:176–181. [PubMed] NEPJOL
23. Maden N, **Singh A**, Smith LS, Maharjan M, Shrestha S (2011) Factors Associated with Arsenicosis and Arsenic Exposure Status in Nepal: Implications from Community Based Study. J Community Health. PMID: 20532598 [PubMed] 36(1): 76-82. Impact Factor- **1.476**
24. Maden N, **Singh A**, Smith LS (2011) Antibiotic susceptibility and arsenic tolerance of arsenic exposed people in Nepal. Microbial Drug Resistance, Manuscript No. MDR 2010 0107, Mary Ann Liebert Inc. Publisher. Mar;17(1):53-58. IF-**2.519**
25. **Singh A** (2011) *In vitro* and *in vivo* immunological characterization of *Glomus mosseae*. Central Department of Microbiology, Kirtipur, Kathmandu, Nepal. Tribhuvan University Journal of Microbiology (TUJM) **1**:82-86 NEPJOL
26. Tuladhar R and **Singh A** (2012) Bacterial analysis and survey of the street food of Kathmandu in relation to child health. J. Nat. Hist. Mus. **26**: 1-9 NEPJOL
27. Agrawal PK, Rai SK, Khanal LK, Ghimire G, Banjara MR and **Singh A** (2012) Intestinal parasitic infection among patients attending Nepal Medical College Teaching Hospital, Kathmandu, Nepal. Nepal Med Coll J, 14(2): 80-83 NEPJOL and NEPMED
28. Ghimire S, Rijal KR, **Singh A**, Mishra SK, Dahal RK, Parajuli K, Sharma S, Shrestha B and Pokhrel BM (2014) Prevalence of Multi Drug Resistant Gram Positive Bacterial Isolates Causing Urinary Tract Infection in a Tertiary Care Hospital, Nepal. Tribhuvan University Journal of Microbiology (TUJM). **2(1)**: 15-22 NEPJOL
29. **Singh A**, Smith LS, Shrestha S and Maden N. (2014) Efficacy of arsenic filtration by Kanchan arsenic filter in Nepal. J Water & Health. 2014 Sep; 12(3):596-9. doi: 10.2166/wh.2014.148 IF-**1.349**
30. Laudari N, Bhandari RK and **Singh A** (2014) Prevalence of Enteric Fever from Blood Samples of Suspected Patients and their Antibiotic Susceptibility Patterns. Tribhuvan University Journal of Microbiology (TUJM). **2(1)**: 29-31 NEPJOL
31. Pant A, **Singh A**, Pant AD and Sharma S (2014) Multidrug Resistant Gram Negative Bacteria in Patients with Renal Failure. Tribhuvan University Journal of Microbiology (TUJM). **2(1)**: 36-39 NEPJOL
32. Thulunga J, Bhattarai A, Basnyat S, Singh SK, **Singh A** and Rijal KR (2015) Screening of *Staphylococcus aureus* as nasal carrier from hospital personnel. International Journal of Advances in Case Reports. 2(8):493-497 e-ISSN-2349-8005. Impact Factor-**0.33**
33. Bishnu P. Marasini, Pankaj Baral, Pratibha Aryal, Kashi R. Ghimire, Sanjiv Neupane, Nabaraj Dahal, **Anjana Singh**, Laxman Ghimire and Kanti Shrestha (2015) Evaluation of Antibacterial Activity of Some Traditionally Used Medicinal Plants against Human Pathogenic Bacteria. BioMed Research International Volume 2015 (2015), Article ID 265425, 6 pages, <http://dx.doi.org/10.1155/2015/265425>. Impact actor- **2.134**
34. Dhakal P, Lakhey PB, Khadgi S and **Singh A** (2015) Quality assessment of herbal medicines and products with reference to selected microbial isolates. Nepal Journal of Science and Technology, Kathmandu, Nepal. **16(2)**: 61-66. NEPJOL
35. Thapa E, Thapa R, **Singh A**, Pokharel BM and Devkota U (2015) Incidence of *Acinetobacter baumannii* in post tracheostomised patients in tertiary care hospital in Nepal. Nepal Journal of Science and Technology, Kathmandu, Nepal. **16(2)**: 67-72. NEPJOL
36. Roshan Thapa, Eliza Thapa, **Anjana Singh**, Bharat Mani Pokharel, Upendra Devkota (2016) Patients medical charts in intensive care unit: A potential source of nosocomial infections. Journal of Institute of Science and Technology, 21(1): 48-51. NEPJOL
37. Dahal S, **Singh A** and Chaudhary M (2016) Multidrug resistant bacterial isolates producing extended spectrum beta lactamase among urinary tract infected patients. Tribhuvan University Journal of Microbiology (TUJM). 3(1): 1-8. NEPJOL
38. Puri R, Adhikari N and **Singh A** (2016) Epidemiology of intestinal parasites in a Rai community of Nuwakot district, Nepal. Tribhuvan University Journal of Microbiology (TUJM). 3(1): 15-21. NEPJOL
39. Dahal S, **Singh A**, Sharma S and Awal BK (2016) Extended spectrum beta lactamase producing multidrug resistant *Escherichia coli* at community hospital of Kathmandu. Tribhuvan University Journal of Microbiology (TUJM). 3(1): 55-60. NEPJOL
40. Dahal P, Lakhey PB, Khadgi S and **Singh A** (2016) quality assessment of herbal medicines ad products with resistance to selected microbial isolates. Nepal Journal of Science and Technology. 16(2): 61-66. NEPJOL
41. Roshan Thapa, Narayan Dutt Pant, Uday Narayan Yadav, Eliza Thapa, **Anjana Singh**, Bharat Mani Pokhrel, Upendra Devkota (2017) Isolation of Multidrug Resistant Bacteria from Patients Medical Charts. Journal of Nepal Health Research Council, 15(2): 36. NEPJOL and SCIMAGO **Impact Factor-0.79**
42. Joshi Prabhu Raj, Acharya Mahesh, Aryal Rajan, Thapa Kamal, Kakshapati Trishna, Seng Rathanin and **Singh Anjana** and Sitthisak Sutthirat (2017) Emergence of staphylococcal cassette chromosome *mec* type I with high-level mupirocin resistance among methicillin-resistant *Staphylococcus aureus*. Asian Pacific Journal of Tropical Biomedicine. Elsevier 7(3): 930-933. Impact factor-**1.70**

43. Sharma S, Shakya G, Tuladhar R, Banjara MR and **Singh A** (2017) Impact of climate change on the occurrence of cholera in Kathmandu Valley. 2016, European Journal of Biomedical and Pharmaceutical Sciences. www.ejbps.com, 3(8): 251-255. Impact factor:- **4.1**
44. Sharma HN, Sharma Chalise B, Rai G, Adhikari, Bastola A and **Singh A** (2017) Prevalence of intestinal parasitic infections among people living with HIV/AIDS visiting a central hospital of Kathmandu Nepal. Asian Journal of Medical Sciences. 8(5): 87-92. <https://doi.org/10.3126/ajms.v8i5.17731>. NEPJOL
45. Maharjan AMS, Jha B and **Singh A** (2017) Liver Function Tests in HBsAg Positive Blood Donors. Tribhuvan University Journal of Microbiology (TUJM) 4(1): 9-10. NEPJOL
46. Khadka DK, Bam DS, Ghimire P and **Singh A** (2018) Gene Xpert based detection of drug resistant tuberculosis among retreatment patients visiting National Tuberculosis Centre, Nepal. Journal of Institute of Medicine Nepal (JIOM) 39(3):78-83. NEPJOL
47. Dhruva Kumar Khadka, Rajendra Prasad Pant, Bikash Lamichhane, Sharat Chandra Verma, RP Bichha, Prakash Ghimire, **Anjana Singh** (2018) Identification of rpoB, gyrA AND embB gene mutations in *Mycobacterium tuberculosis* isolates from retreatment tuberculosis patients in Nepal. SAARC, Journal of Tuberculosis, Lung Diseases and HIV/AIDS. Online ISSN 2091-0959, 15(2):39. NEPJOL
48. Sarita Manandhar, **Anjana Singh**, Ajit Varma, Shanti Pandey, Neeraj Shrivastava (2018) Evaluation of methods to detect in vitro biofilm formation by staphylococcal clinical isolates. BMC Res Notes doi: 10.1186/s13104-018-3820-9. **11:714. IF- 1.74**
49. Sarita Manandhar, **Anjana Singh**, Ajit Varma, Shanti Pandey, Neeraj Shrivastava (2018) Biofilm Producing Clinical *Staphylococcus aureus* Isolates Augmented Prevalence of Antibiotic Resistant Cases in Tertiary Care Hospitals of Nepal. Frontiers in Microbiology, section Infectious Diseases. doi: 10.3389/fmicb.2018.02751. **9:2749. IF- 4.235**
50. Govinda Badahit, **Anjana Singh**, Jeevan Kumar Shrestha, Ramesh Chaudhary and Sandeep Rijal (2018) Screening of plastic degrading *Pseudomonas* spp. from Soil. International Journal of Scientific & Engineering Research, Dec. 9(12): 484-489. **IF-5.762**
51. Kiran Kumari Chaudhary, Reshma Tuladhar, Bijendra Raj Raghubanshi, and **Anjana Singh** (2018) Molecular detection of bla_{NDM-1} gene among metallo- β -lactamase producing *Klebsiella pneumoniae* from different clinical specimens at tertiary care hospital. International research journal of multi disciplinary studies. www.irjms.in, ISSN: 1255-8499, 4(1): 282-286. **IF-6.0**
52. Lekhak B, Singh A, Bhatta DR (2018) Antibacterial and antifungal properties of Actinomycetes isolates from soil and water of Nepal. J Nepal Health Research Council. Apr-Jun 16 (39): 136-139 IF **0.194** SJR
53. Thapa B, **Singh A**, Tuladhar R (2018) In Vitro Antibacterial Effect of Medicinal Plants against Multidrug Resistant Gram Negative Bacteria. Tribhuvan University Journal of Microbiology (TUJM) VOL. 5(1): 25-31. NEPJOL
54. Reshma Tuladhar, **Anjana Singh**, Ajit Varma, Devendra Kumar Choudhary (2019) Climatic factors influencing dengue incidence in an epidemic area of Nepal BMC Research Notes. RESN-D-19-00163R2, 12:131-137 IF-**0.601**
55. Sujit Shah, Bir Bhadr Thapa, Krishna Chand, Shreeti Pradhan, Anjana Singh, Ajit Varma, Laxmi Sen Thakuri, Puspraj Joshi and Bijaya Pant (2019) *Piriformospora indica* promotes the growth of the in-vitro-raised *Cymbidium aloifolium* plantlet and their acclimatization. Plant Signaling & Behavior. ISSN: (Print) 1559-2324 (Online) Journal homepage: <https://www.tandfonline.com/loi/kpsb20>. **IF-1.7** (2018)
56. Ramesh Chaudhary, Ishan Gautam, Reshma Tuladhar, Govinda Badahit, Bina Bhandari, Sandeep Rijal, Sunita Baral, **Anjana Singh** (2019) Microbiota Diversity on the Preserved Specimens of Natural History Museum, Swayambhu, Kathmandu, Nepal. International Journal of Pharmacy and Biological Sciences ISSN: 2321-3272 (Print), ISSN: 2230-7605 (Online) IJPBS ICESMT| 9(2): 51-61. IF-**0.98**
57. Supriya Sharma, Jyoti Acharya, Dominique A. Caugant, Jeewan Thapa, Manju Bajracharya, Madhusudan Kayastha, Saroj Sharma, Bimal S. Chalise, Ragesh Karn, Megha R. Banjara, Prakash Ghimire and **Anjana Singh** (2019) Meningococcal meningitis: A multicentric hospital based study in Kathmandu, Nepal. The Open Microbiology Journal. DOI: 10.2174/1874285801913010273, 13: 273-278. **IF-0.502** SJR
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60. Roshan Timsina, Bivek Timsina, **Anjana Singh** (2019) Screening of erm gene of inducible clindamycin resistant *Staphylococcus aureus*. JIST 24(2): 39-43. NEPJOL
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66. Shaila Basnyat, Megha Raj Banjara, Prakash Ghimire, Greg Matlashewskib and **Anjana Singh** (2020) Seropositivity of Visceral leishmaniasis on people of VL endemic three districts of Nepal. Parasitology International, Elsevier 80: 1-4 102236. IF- **1.866**, 2019
67. Sarita Manandhar, **Anjana Singh**, Ajit Varma , Shanti Pandey and Neeraj Shrivastava (2021) Phenotypic and genotypic characterization of biofilm producing clinical coagulase negative staphylococci from Nepal and their antibiotic susceptibility pattern. Ann Clin Microbiol Antimicrob (2021) 20:41 <https://doi.org/10.1186/s12941-021-00447-6> open access pp1-11 IF-**1.194** Q2
68. Pabitra Bhandari, Megha Raj Banjara, **Anjana Singh**, Samikshya Kandel, Deepa Shree Rawal and Bhoj Raj Pant (2021) Water quality status of groundwater and municipal water supply (tap water) from Bagmati river basin in Kathmandu valley, Nepal. Journal of Water, Sanitation and Hygiene for Development. pp 102-111. IF-**1.25**
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71. Supriya Sharma, Jyoti Acharya, Nisha Rijal, Bimal Sharma Chalise, Parmananda Bhandari, Megha Raj Banjara, Prakash Ghimire, **Anjana Singh** (2022) Cryptococcal meningitis in people living with Human Immunodeficiency Virus in Nepal: Perspectives from resource limited setting. Wiley Online Library. Mycoses. First Published: 06 September 2022. <https://doi.org/10.1111/myc.13526>. IF – **4.78**
72. Basnyat S, Banjara MR, Ghimire P, Matlashewski G and **Singh A** (2022). Investigation of Visceral Leishmaniasis Transmission in Selected Districts of Nepal. Journal of Nepal Health Research Council, 20(01), 194-201. <https://doi.org/10.33314/jnhrc.v20i01.4161>. NEPJOL and SCIMAGO IF-**0.93**
73. Laxmi Neupane, Anil Kumar Sah, Binod Rayamajhee, Anil Pokhrel and **Anjana Singh** (2022) Detection of blaOXA-23 Gene from Carbapenem resistant *Acinetobacter Baumannii*. J Nepal Health Res Counc 2022 Oct-Dec;20(57): 899-905. IF-**0.93**
74. Manita Shyaula, Sunil Regmi, Deegendra Khadka, Ram Chandra Poudel, Agni Dhakal, Devesh Koirala, Jaishree Sijapati, Anjana Singh, and Jyoti Maharjan (2023) Characterization of Thermostable Cellulase from *Bacillus licheniformis* PANG L Isolated from the Himalayan Soil. Hindawi International Journal of Microbiology Volume 2023, Article ID 3615757, 12 pages <https://doi.org/10.1155/2023/3615757>. IF-**0.697** SJR
75. C Khadka, M Shyaula, G Syangtan, S Bista, R Tuladhar, **Anjana Singh**, Dev Raj Joshi, Lok R Pokhrel, Prabin Dawadi (2023) Extended-spectrum β -lactamases producing Enterobacteriaceae (ESBL-PE) prevalence in Nepal: A systematic review and meta-analysis. Science of The Total Environment. Elsevier 166164. IF-**8.2**
76. S Baral, I Gautam, **A Singh**, R Chaudhary, P Shrestha, R Tuladhar (2023) Microbiota Diversity Associated with Midgut and Salivary Gland of *Aedes aegypti* and *Aedes albopictus*. Tribhuvan University Journal of Microbiology, 105-115. NEPJOL
77. Suman Lama* , Laxman Prasad Thapa, Subodh Kumar Upadhyaya, Dhurva Prasad Gauchan and **Anjana Singh** (2023) Metabolic Engineering in Lignocellulose Biorefining for High-Value Chemicals-Recent Advances, Challenges, and Outlook for Enabling a Bioeconomy. Frontiers in Industrial Microbiology, **Manuscript ID: 1319774**. IF-**4.02**
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79. Anima Shrestha, Dev Raj Joshi, Dijan Vaidya, Sanu Maiya Shrestha and Anjana Singh (2024) Bacteriospermia in men among infertile couples in the Nepalese population. Systems Biology in Reproductive Medicine Vol. 70 (1): 240–248 DOI: 10.1080/19396368.2024.239105. IF-**3.06** SJR-0.654, Q2
80. Sarita Manandhar, Dipesh Karn, Mahendra Raj Shrestha, Jivan Shakya and **Anjana Singh** (2025) Biofilm formation, methicillin resistance and SCCmec types among *Staphylococcus aureus* isolated from clinical samples from a tertiary care hospital, in Nepal. BMC Infectious Diseases. 25:534 <https://doi.org/10.1186/s12879-025-10943-1>. IF-1.035 SJR Q1
81. A Shrestha, DR Joshi, D Vaidya, SM Shrestha, **A Singh** (2024) Influence of Bacteriospermia, Host and Lifestyle Factors on Sperm DNA Integrity: A Cross-Sectional Study Based on a Fertility Center of Nepal. Journal of Family & Reproductive Health 19 (1), 37 SJR IF-0.196 Q3

82. Renuka Maharjan, Prativa Poudel, Bijoylakshmi Dewasy, Reshma Tuladhar, Manita Aryal, Praveer Raj Singh, Hanoon Pokharel, Shantikumar Singh and Anjana Singh (2025) blaKPC and Efflux Pump Genes in *Klebsiella pneumoniae* Isolated from Surgical Site Infections. Anti-Infective Agents. BMS-AIA-2024-123 SJR IF-0.167, Q4
83. Bijoylakshmi Dewasy, Reshma Tuladhar, Randhir Singh, Praveer Raj Singh, Hanoon Pokharel, and **Anjana Singh** (2025) Anaerobic Bacteria from Surgical Site Infections and Its Antibiotic Susceptibility Pattern in Eastern Nepal: A Prospective Study. Birat Journal of Health Sciences 10(30): 97-103
84. Bijoy Lakshmi Dewasy, Reshma Tuladhar, Manita Aryal, Randhir Kumar Singh, Renuka Maharjan, Prativa Poudel, Sanjay Yadav, Aarju Niroula, Praveer Raj Singh, Hanoon P Pokharel, Shanti Kumar Singh, Anjana Singh (2025) Prevalence of Anaerobic Bacteria from Surgical Site Infections. NHRC 23(68): 511-519

Books:

1. **Singh A** (1998) A Text Manual in Agricultural Microbiology. For B.Sc. and M.Sc. Deepak's Pvt. Ltd., Kathmandu, Nepal
2. **Singh A** (2007) Techniques in Microbial Biotechnology. For M.Sc. level. Deepak's Pvt. Ltd., Kathmandu, Nepal
3. Tuladhar R and **Singh A** (2018) Laboratory Manual of Environment Microbiology. Sukunda Pustak Bhawan, Kathmandu, Nepal
4. Sayyed RZ, **Singh A**, Ilyas N (2022) Antifungal Metabolites of Rhizobacteria for Sustainable Agriculture. Springer.

Book Chapters:

1. Anima Shrestha^{1*}, Manju Shree Shakya Hada¹, Reshma Tuladhar², Sarita Manandhar¹, Noshin Ilyas, Riyaz Ali Sayyed and Anjana Singh² (2022) Antifungal Plant Growth Promoting Rhizobacteria as antibiotics producer. In: Metabolites of Rhizobacteria for Sustainable Agriculture. Editors: Riyaz Ali Sayyed, Anjana Singh and Noshin Ilyas. Springer USA
2. Manju Shree Shakya Hada, Reshma Tuladhar, Anima Shrestha, Sarita Manandhar and Anjana Singh (2021) Fungal association in hotspot of rhizosphere. In: Microbial Diversity and Ecology in Hotspots. Eds: Arpana Gunjal and Sonali Shende. Academic Press. Imprint of Elsevier. pp 97-116
3. Supriya Sharma, Reshma Tuladhar, Yukti Basnet, Sarita Manandhar, Shanti Bhattarai, **Anjana Singh**, and Ajit Varma (2019) Effect of Substrates on *Azotobacter chroococcum*-Enriched Vermicompost for Growth of Phaseolus. R. Z. Sayyed (ed.), Plant Growth Promoting Rhizobacteria for Sustainable Stress Management, Microorganisms for Sustainability. Springer 13:37-45
4. Tuladhar R, Maharjan BL, Sharma S, **Singh A** and Berk U (2019) Effect of *Agnihotra* Ash on Drug-Resistant *Escherichia coli* in Water. In: Varma A, Tripathi S, Prasad R (eds) Plant Biotic Interactions. Springer, pp 243-251
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