

List of the Selected Publications: 2019

Sl. No.	Publication Details
1.	Gowthami NB, Sunitha B, Kumar M, Prasad TSK, Gayathri N, Padmanabhan B, Bharath MMS. Mapping the protein phosphorylation sites in human mitochondrial complex I (NADH: ubiquinone oxidoreductase): A bioinformatics study with implications for brain aging and neurodegeneration. <i>Journal of Chemical Neuroanatomy</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/29499254/
2.	Barua P, Lande N V, Subba P, Gayen D, Pinto S, Prasad TSK, Chakraborty S, Chakraborty N. Dehydration-responsive nuclear proteome landscape of chickpea (<i>Cicer arietinum</i> L.) reveals phosphorylation-mediated regulation of stress response. <i>Plant Cell & Environment</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/29749054/
3.	Jayshree A, Renu V, Harsha G, Prasad TSK. et al. Rise of clinical microbial proteogenomics: A multiomics approach to nontuberculous mycobacterium - The case of mycobacterium abscessus UC22. <i>OMICS: A Journal of Integrative Biology</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30207826/
4.	Ismail M, Nagaraj D, Rajagopal M, Ansari H, Nair M, Hegde A, Rekha PD. Seven-Year Outcomes of Laproscopic Sleeve Gastrectomy in Indian Patients with Different Classes of Obesity. <i>Obesity Surgery</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30238216/
5.	Pinto SM, Subbannayya Y, and Prasad TSK. Functional Proteomic Analysis to Characterize Signaling Crosstalk. Functional proteomics: Methods and Protocols. <i>Methods in Molecular Biology</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30276742/
6.	Vijayan SP, Rekha PD, Arun AB. Role of PI ₃ K-Akt and MAPK signalling in uranyl nitrate- Induced nephrotoxicity. <i>Biological Trace Element Research</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30302617/
7.	Vipin C, Mujeeburahiman M, Arun AB, Ashwini P, Mangesh SV, Rekha PD. Adaptation and diversification in virulence factors among urinary-catheter associated <i>Pseudomonas aeruginosa</i> isolates. <i>Journal of Applied Microbiology</i> . 2019. https://pubmed.ncbi.nlm.nih.gov/30372578/

8.	Shenoy PS, Sen U, Kapoor S, Ranade AV, Chowdhury CR, Bose B. Sodium fluoride induced skeletal muscle changes: Degradation of proteins and signaling mechanism. <i>Environmental Pollution</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30384060/
9.	Shaik SB, Prabhu A, Bhandary YP. Targeting anti-aging protein Sirtuin (Sirt) in the diagnosis of Idiopathic Pulmonary Fibrosis. <i>Journal of Cellular Biochemistry</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30390331/
10.	Bose B, Najwa AR, Shenoy S. Oxidative Damages to Eye Stem Cells, in Response to, Bright and Ultraviolet Light, Their Associated Mechanisms, and Salvage Pathways. <i>Molecular Biotechnology</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30474787/
11.	Yue W, Sun W, Rao RSP, Ye N, Yang, Z, Chen M. Non-targeted metabolomics reveals distinct chemical compositions among different grades of Bai Mudan white tea. <i>Food Chemistry</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30502147/
12.	Bhargava M, Bhargava A, Akshaya KM, Shastri SG, Bairy R, Parmar M, Sharath BN. Nutritional assessment and counselling of tuberculosis patients at primary care in India: do we measure up? <i>International Journal of Tuberculosis and Lung Disease</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30621811/
13.	Durgarao Y, Manjrekar PA, Adhikari P, Chakrapani M, Rukmini MS. Comprehensive review on diabetes associated cardiovascular complications - the vitamin d perspective. <i>Cardiovascular & Hematological Disorders-Drug Targets</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30648528/
14.	Shaikh SB, Prabhu A, Bhandary YP. Interleukin-17A a potential therapeutic target in chronic lung diseases. <i>Endocrine Metabolic & Immune Disorder-Drug Targets</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30652654/
15.	Menon D, Singh K, Pinto S, Nandy A, Jaisinghani N, Kutum R, Dash D, Prasad TSK, Gandotra S. Quantitative lipid droplet proteomics reveals Mycobacterium tuberculosis-induced alterations in macrophage response to infection. <i>ACS Infectious Disease</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30663302/
16.	Subbannayya T, Leal-Rojas P, Zhavoronkov A, Ozerov IV, Korzinkin M, Babu N, Radhakrishnan A,, Pinto SM, Patil AH,Kumar RV, Prasad TSK, Roa JC, Pandey A, Sidransky D, Gowda H, Izumchenko E, Chatterjee A. PIM1 kinase promotes gallbladder cancer cell proliferation via inhibition of proline-rich Aktsubstrate of 40 kDa (PRAS40). <i>Journal of Cell Communication and Signaling</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30666556/

17.	Bhushan R, Altinbas L, Jäger M, Zaradzki M, Kallenbach K, Timmermann B, Clayton N, Zhu Y, Kararigas G, Robinson PN. An integrative systems approach identifies novel candidates in Marfan syndrome-related pathophysiology. <i>Journal of Cellular and Molecular Medicine</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30677223/
18.	Seena S, Barlocher F, Sobral O, Gessner MO, Dudgeon D, Ghate SD, Giling DP, Gonçalves V, Iwata T, Landeira-Dabarca A, McMaster D, Medeiros AO, Naggea J, Pedro JP, Raposeiro M, Swan CM, Tenkiano NSD, Yule CM, Graça MAS. Biodiversity of leaf litter fungi in streams along a latitudinal gradient. <i>Science of the Total Environment</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30677678/
19.	Shelley BP, Prasad P, Shenoy MM. Hyperacute paraplegia and neurovascular (immuno vasculotoxic) catastrophe of nicolau syndrome: primim non nocere. <i>Annals of Indian Academy of Neurology</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30692770/
20.	Navya N, Jeyashree K, Madhukeshwar AK, Anand T, Nirgude AS, Nayarmoole BM, Isaakidis P. Are they there yet? Linkage of patients with tuberculosis to services for tobacco cessation and alcohol abuse—a mixed methods study from Karnataka, India. <i>BMC Health Services Research</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30709351/
21.	Thekkur P, Kumar AN, Chinnakali P, Selvaraju S, Bairy R, Singh AR, Nirgude A, Selvaraj K, Venugopal V, Shastri S. Outcomes and implementation challenges of using daily treatment regimens with an innovative adherence support tool among HIV-infected tuberculosis patients in Karnataka, India: a mixed-methods study. <i>Global Health Action</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30712507/
22.	Sequeira J, Rao BHS, Kedia PR. Efficacy of Sodium Hyaluronate for Temporomandibular Joint Disorder by single-puncture Arthrocentesis. <i>Journal of Oral and Maxillofacial Surgery</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30728698/
23.	Kumar M, Mohanty AK, Dey G, Sreenivasamurthy SK, Kumar A, Prasad TSK. Dataset on fat body proteome of <i>Anopheles stephensi</i> Liston. <i>Data in Brief</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30740495/
24.	Vipin C, Mujeeburahiman M, Ashwini P, Arun AB, Rekha P-D. Anti-biofilm and cytoprotective activities of quercetin against <i>Pseudomonas aeruginosa</i> isolates. <i>Letters in Applied Microbiology</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30762887/

25.	Mohanty V, Subbannayya Y, Najar MA, Pinto SM, Sandeep K, Karuppiyah H, Sreeramulu B, Singh KK, Dalal S, Manikkoth S, Arunachalam C, Prasad TSK, Murthy KR. Proteomics and Visual Health Research: Proteome of the Human Sclera Using High-Resolution Mass Spectrometry. <i>OMICS: A Journal of Integrative Biology</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30767726/
26.	Timire C, Sandy C, Kumar AMV, Ngwenya M, Murwira B, Takarinda KC, Harries AD. Access to second-line drug susceptibility testing results among patients with Rifampicin resistant tuberculosis after introduction of the Hain ® Line Probe Assay in Southern provinces, Zimbabwe. <i>International Journal of Infectious Diseases</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30776546/
27.	Amanna EN, Bhat SS, Hegde SK. An in vitro evaluation of nickel and chromium release from different commercially available stainless steel crowns. <i>Journal of the Indian Society of Pedodontics and Preventive Dentistry</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30804305/
28.	Sahana TG, Rekha PD. A bioactive exopolysaccharide from marine bacteria <i>Alteromonas</i> sp. PRIM-28 and its role in cell proliferation and wound healing in vitro. <i>International Journal of Biological Macromolecules</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30851325/
29.	Advani J, Verma R, Chatterjee O, Pachouri PK, Upadhyay P, Singh R, Yada, J, Naaz F, Ravikumar R, Buggi S, Suar M, Gupta UD, Pandey A, Chauhan DS, Tripathy SP, Gowda H, Prasad TSK. Whole genome sequencing of <i>Mycobacterium tuberculosis</i> clinical isolates from India reveals genetic heterogeneity and region-specific variations that might affect drug susceptibility. <i>Frontiers in Microbiology</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30863380/
30.	Harries AD, Kumar AMV, Satyanarayana S, Thekkur P, Lin Y, Dlodlo RA, Zachariah R. How can operational research help to eliminate tuberculosis in the Asia Pacific region? <i>Tropical Medicine and Infectious Disease</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30875884/
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34.	Kalal BS, Vinitha RP, Santosh K B, Hiriyur MS. HDAC2 Inhibitor Valproic Acid Increases Radiation Sensitivity of Drug-Resistant Melanoma Cells. <i>Medical Sciences</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30909413/
35.	Sinha S, Ray A, Abhilash L, Kumar M, Sreenivasamurthy SK, Prasad TK, Inamdar MS. Proteomics of Asrij Perturbation in Drosophila Lymph Glands for Identification of New Regulators of Hematopoiesis. <i>Molecular and cellular proteomics</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30923041/
36.	Patil K, Yelamanchi S, Kumar M, Hinduja I, Prasad TSK, Gowda H, Mukherjee S. Quantitative mass spectrometric analysis to unravel glycoproteomic signature of follicular fluid in women with polycystic ovary syndrome. <i>PloS One</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/30946770/
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39.	Gouda MM, Bhandary YP. Acute Lung Injury: IL-17A-Mediated Inflammatory Pathway and Its Regulation by Curcumin. <i>Inflammation</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/31011925/
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47.	Agrawal A, Ravikumar R, Varun CN, Kumar M, Chatterjee O, Advani J, Gopalakrishnan L, Nagaraj S, Mohanty V, Patil AH, Sreeramulu B, Malik A, Pinto SM, Prasad TSK. Global proteome profiling reveals drug-resistant traits in <i>Elizabethkingia meningoseptica</i> : an opportunistic nosocomial pathogen. <i>OMICS: A Journal of Integrative Biology</i> . 2019 https://pubmed.ncbi.nlm.nih.gov/31120389/
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