V.V. Roshchina (Russia). Plant leaf surface as a sensory system in allelopathic relations: 1. Role of azulenes	109
L. Hong, Y.H. Wang, Y.C. Wang, S.X. Lin, L. Ding, J.Q. Kang, J.H. Ye, X.L. Jia and H.B. Wang (China). Effects of soil acidity on soil nitrogen-transforming microorganisms, biochemical intensity and tea quality	123
Junxia Gu, Jingqiao Zhao, Miaoxia Wang, Weihong Shi, Yang Li, Jiemin Wang, Huigai Sun and Xiaowei Han (China). Analysis of <i>Gleĥnia littoralis</i> Fr. allelochemicals in continuously cropped soil and their effects on seedlings growth and physiology of <i>Brassica pekinensis</i> (Lour.)	135
Azhar Mahdi Abdul-Sahib (Iraq). Allelopathic effects of Eucalyptus camaldulensis L. and Nerium oleander L. on Phoenix dactylifera L. (Date Palm) seeds germination and seedlings growth	151
HEALTH SCIENCES	
Shobhini Chandel, Saumya Das, Neha and Vijayant Singh Chauhan (India). Amelioration of Ulcerative Colitis by Herbal Secondary Plant Metabolites and their Molecular Mechanism	167
Vishnu Prabhakar, Avijit Mazumder, Saumya Das and Anmol Kanda (India). Uncontrolled Hypertension: The silent but deadly culprit behind a multitude of health woes	177
Ananya Pandey, Avijit Mazumder, Saumya. Das and Salauddin (India). A Critical evaluation of beneficial gut flora: probiotics, prebiotics postbiotics and synbiotics in the treatment of constipation and hemorrhoids	187
Aishwaray, Saumya Das, Avijit. Mazumder and Gajender (India). Recent advances in hydrogel-based drug delivery for wound healing therapy: A Review	197
Soni Kumari, Saumya Das and Apporva Mishra (India). Central neuromodulators in mitigating functional gastrointestinal disorders: Mechanism and effectiveness	207
Adarsh Gaur, Avijit Mazumder, Saumya Das, Vishnu Prabhakar (India). A spotlight on the brain's fragility and resilience in mental and cognitive domains	219
Jatin Saini, Avijit Mazumder and Arbaz Khan (India). Biologics targeted therapies for uncontrolled asthma.	229
Sandhya Singh, Avijit Mazumder, Bhavani Pentela, Vishnu Prabhakar (India). Fabry Disease: A comprehensive review on current scenario in India and advance treatment	239
Tanya Singh, Avijit Mazumder, Vishnu Prabhakar and Anmol Kanda (India). Emerging therapeutic role of apolipoprotein-e mimetic peptides in neurological disorders	251
Madhurima, Avijit Mazumder, Ananya Pandey and Adarsh Gaur (India). Prescription for a strong heart: Evaluating pharmacological therapies in cardiomyopathy	265