

Table of Contents

Preparation of Mesoporous Materials Modified Nanofiltration Membrane for Measured of Dissolved Organic Nitrogen <i>Ying Ding, Jianzhong Zhu, Xiaojia Ling, Ya Su, and Wei Chen</i>	1
Photoperiod Effect on Indole-3-acetic Acid Synthase Genes Expression of <i>Beta Vulgaris</i> <i>Naiguo Liang, Dayou Cheng, Jie Cui, Cuihong Dai, Chengfei Luo, Tianjiao Liu, and Junliang Li</i>	9
Environmental Implications of the Sydney Metro: A Case Study <i>Koorosh Gharehbaghi and Amritpal Sagoo</i>	15
Evaluation of the Effect of Steam Concentration in Flue Gas, on Carbonation of Magnesium Hydroxide for Mineral CO ₂ Sequestration <i>Sanam Atashin, Jayaraman kandasamy, Iskender G ökalpand, and Robert. A. Varin</i>	22
Treatment of Domestic/Municipal and Industrial Wastewater Using Microalgae: Review <i>JK BWAPWA and AT JAIYEOLA</i>	30
Synthesis and Structural Characterization of Isomeric Silatranes of Unsymmetrical Alkoxysilanes via ‘Click Silylation’ <i>Gurjaspreet Singh, Jasbhinder Singh, Jandeep Singh, Pooja Kalra, and Poonam Kumari</i>	38
Optimizing Canal Structure Operation in the Treasure Valley of Idaho <i>Andrew Campbell and Jairo Hernandez</i>	44
Immobilization of Carbon Paste from Waste of Zinc-Carbon Battery by Using Portland Cement (PC) for Biogas Desulfurizer in Livestock Waste Management <i>Tjokorda Gde Tirta Nindhia, I Wayan Surata, Tjokorda Sari Nindhia, and I Wayan Yuliawan</i>	50
Alkaloid Quinine in Cell Suspension Culture of <i>Cinchona Ledgeriana</i> Moens: Biological Study towards Industrial Application <i>Diah Ratnadewi, Dedi Satriawan, Dian Rahma Pratiwi, and Sumaryono</i>	57
Analysis of Amino Acid Sequence of SARS Coronavirus, Feline Coronavirus, Rat Coronavirus, Turkey Coronavirus, MERS Coronavirus with Decision Tree, Apriori Algorithm <i>Seung Hye Song, Sung jin Kim, and Taeseon Yoon</i>	63
LED Growth Light with Flexible Photoperiods and Programmable Light Output Intensity <i>Palanichamy Manikandan, C. S. Wong, K. W. Lam, K. H. Loo, Y. M. Lai, and S. Y. Chau</i>	67
Comparison of amino acid sequence of FMDV between East Asia Countries: China, South Korea, North Korea, Mongolia, Japan by using Decision Tree and Apriori Algorithm <i>Sung jin Kim, Seung Hye Song, and Taeseon Yoon</i>	74
Author Index	81