



Khalida Muda

Senior Lecturer of Civil Engineering
Faculty,
UTM
Biological wastewater treatment

GET MY OWN PROFILE

	All	Since 2015
Citations	739	657
h-index	12	12
i10-index	15	14

TITLE	CITED BY	YEAR
Magnetic field application and its potential in water and wastewater treatment systems NS Zaidi, J Sohaili, K Muda, M Sillanpää Separation & Purification Reviews 43 (3), 206-240	139	2014
Development of granular sludge for textile wastewater treatment K Muda, A Aris, MR Salim, Z Ibrahim, A Yahya, MCM van Loosdrecht, ... water research 44 (15), 4341-4350	122	2010
Conventional methods and emerging wastewater polishing technologies for palm oil mill effluent treatment: a review WL Liew, MA Kassim, K Muda, SK Loh, AC Affam Journal of environmental management 149, 222-235	108	2015
The effect of hydraulic retention time on granular sludge biomass in treating textile wastewater K Muda, A Aris, MR Salim, Z Ibrahim, MCM van Loosdrecht, A Ahmad, ... water research 45 (16), 4711-4721	78	2011
UV Fenton and sequencing batch reactor treatment of chlorpyrifos, cypermethrin and chlorothalonil pesticide wastewater AC Affam, M Chaudhuri, SRM Kutty, K Muda International Biodeterioration & Biodegradation 93, 195-201	30	2014
Characteristics of developed granules containing selected decolourising bacteria for the degradation of textile wastewater Z Ibrahim, MFM Amin, A Yahya, A Aris, K Muda Water Science and Technology 61 (5), 1279-1288	21	2010
Aggregation and surface hydrophobicity of selected microorganism due to the effect of substrate, pH and temperature K Muda, A Aris, MR Salim, Z Ibrahim, MCM van Loosdrecht, MZ Nawahwi, ... International Biodeterioration & Biodegradation 93, 202-209	20	2014
Development of bio-granules using selected mixed culture of decolorizing bacteria for the treatment of textile wastewater TC Kee, HH Bay, CK Lim, K Muda, Z Ibrahim Desalination and Water Treatment 54 (1), 132-139	19	2015
Characterisation of microbial flocs formed from raw textile wastewater in aerobic biofilm reactor (ABR) Z Ibrahim, MFM Amin, A Yahya, A Aris, NA Umor, K Muda, NS Sofian Water Science and Technology 60 (3), 683-688	17	2009

Water hyacinth bioremediation for ceramic industry wastewater treatment-application of rhizofiltration system SH Elias, M Mohamed, AN Ankur, K Muda, M Hassan, MN Othman, ... Sains Malaysiana 43 (9), 1397-1403	16	2014
Sequential anaerobic-aerobic phase strategy using microbial granular sludge for textile wastewater treatment K Muda, A Aris, MR Salim, Z Ibrahim Biomass Now: Sustainable Growth Use, 231-264	16	2013
Kinetics and mass transfer studies on the biosorption of organic matter from palm oil mill effluent by aerobic granules before and after the addition of <i>Serratia marcescens</i> ... MA Fulazzaky, M Nuid, A Aris, K Muda Process Safety and Environmental Protection 107, 259-268	14	2017
A perspective of chemical treatment for cyanobacteria control toward sustainable freshwater development JH Huh, JW Ahn, JH Huh, JW Ahn Environmental Engineering Research 22 (1), 1-11	12	2017
Ceramic industry wastewater treatment by rhizofiltration system-application of water hyacinth bioremediation SH Elias, M Mohamed, A Nor-Anuar, K Muda, MAHM Hassan, ... The IIOAB Journal 5 (1), 6	12	2014
Effectiveness of natural coagulant in coagulation process: a review AH Amran, NS Zaidi, K Muda, LW Loan International Journal of Engineering & Technology 7 (3.9), 34-37	11	2018
Degradation of chlorpyrifos, cypermethrin and chlorothalonil pesticides in aqueous solution by FeGAC/H ₂ O ₂ process AC Affam, M Chaudhuri, SRM Kutty, K Muda Desalination and Water Treatment 57 (11), 5146-5154	7	2016
Arsenic, cadmium and copper in gastropod <i>Strombus canarium</i> in western part of Johor straits MIM Said, S Sabri, S Azman, K Muda World Applied Sciences Journal 23 (6), 734-739	7	2013
Studies of Atmospheric PM _{2.5} and its Inorganic Water Soluble Ions and Trace Elements around Southeast Asia: a Review N Dahari, K Muda, MT Latif, N Hussein Asia-Pacific Journal of Atmospheric Sciences, 1-25	6	2019
Mass transfer kinetics of biosorption of nitrogenous matter from palm oil mill effluent by aerobic granules in sequencing batch reactor MA Fulazzaky, M Nuid, A Aris, K Muda Environmental technology 39 (17), 2151-2161	6	2018
Facultative anaerobic granular sludge for textile dyeing wastewater treatment	6	2010

