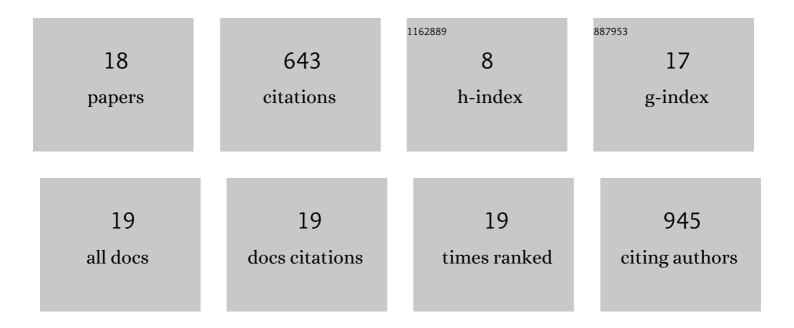
## Changwon Kim

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10519136/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Transformation of methylparaben during water chlorination: Effects of bromide and dissolved organic matter on reaction kinetics and transformation pathways. Science of the Total Environment, 2018, 634, 677-686.	3.9	33
2	Stackable and submergible microbial fuel cell modules for wastewater treatment. Bioprocess and Biosystems Engineering, 2016, 39, 1191-1199.	1.7	5
3	Development of a protocol to optimize electric power consumption and life cycle environmental impacts for operation of wastewater treatment plant. Environmental Science and Pollution Research, 2016, 23, 25451-25466.	2.7	6
4	Evaluation of the k-nearest neighbor method for forecasting the influent characteristics of wastewater treatment plant. Frontiers of Environmental Science and Engineering, 2016, 10, 299-310.	3.3	47
5	Operator decision support system for integrated wastewater management including wastewater treatment plants and receiving water bodies. Environmental Science and Pollution Research, 2016, 23, 10785-10798.	2.7	5
6	Life cycle assessment and economic efficiency analysis of integrated management of wastewater treatment plants. Journal of Cleaner Production, 2016, 113, 325-337.	4.6	103
7	Enhanced monitoring of water quality variation in Nakdong River downstream using multivariate statistical techniques. Desalination and Water Treatment, 2016, 57, 12508-12517.	1.0	9
8	Performance evaluation of a full-scale advanced phase isolation ditch process by using real-time control strategies. Korean Journal of Chemical Engineering, 2014, 31, 611-618.	1.2	4
9	Evaluation of industrial organic waste as an alternative external carbon source for denitrification in the biological nutrient removal process. Korean Journal of Chemical Engineering, 2013, 30, 1911-1917.	1.2	3
10	Modular neural networks prediction model based A2/O process control system. International Journal of Precision Engineering and Manufacturing, 2012, 13, 905-913.	1.1	10
11	Fuzzy rule-based inference of reasons for high effluent quality in municipal wastewater treatment plant. Korean Journal of Chemical Engineering, 2011, 28, 817-824.	1.2	8
12	Settling state detection of SBR based on DO profile analysis using dynamic time warping. Korean Journal of Chemical Engineering, 2010, 27, 504-510.	1.2	1
13	Sludge settleability detection using automated SV30 measurement and comparisons of feature extraction methods. Korean Journal of Chemical Engineering, 2010, 27, 886-892.	1.2	7
14	Sustainable wastewater treatment: How might microbial fuel cells contribute. Biotechnology Advances, 2010, 28, 871-881.	6.0	289
15	Directly applicable microbial fuel cells in aeration tank for wastewater treatment. Bioelectrochemistry, 2010, 78, 72-79.	2.4	95
16	Flexible fibre filter: potential for algae removal. Journal of Water Supply: Research and Technology - AQUA, 2009, 58, 153-157.	0.6	4
17	Learning Bayesian networks based diagnosis system for wastewater treatment process with sensor data. Water Science and Technology, 2009, 59, 1885-1885.	1.2	0
18	Decision model for coagulant dosage using genetic programming and multivariate statistical analysis for coagulation/flocculation at water treatment process. Korean Journal of Chemical Engineering, 2008, 25, 1372-1376.	1.2	14