

# Changwon Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10519136/publications.pdf>

Version: 2024-02-01

18  
papers

643  
citations

1162889

8  
h-index

887953

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

945  
citing authors

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