Pawel Krzeminski

List of Publications by Year
in descending order

29	1,904	393982 19	580395 25
papers	citations	h-index	g-index

29	29	29	2404
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The potential of using E. coli as an indicator for the surveillance of antimicrobial resistance (AMR) in the environment. Current Opinion in Microbiology, 2021, 64, 152-158.	2.3	54
2	Nature-Based Units as Building Blocks for Resource Recovery Systems in Cities. Water (Switzerland), 2021, 13, 3153.	1.2	11
3	Management of Urban Waters with Nature-Based Solutions in Circular Citiesâ€"Exemplified through Seven Urban Circularity Challenges. Water (Switzerland), 2021, 13, 3334.	1.2	46
4	Best available technologies and treatment trains to address current challenges in urban wastewater reuse for irrigation of crops in EU countries. Science of the Total Environment, 2020, 710, 136312.	3.9	167
5	Combined membrane filtration and 265Ânm UV irradiation for effective removal of cell free antibiotic resistance genes from feed water and concentrate. Journal of Membrane Science, 2020, 598, 117676.	4.1	47
6	A global multinational survey of cefotaxime-resistant coliforms in urban wastewater treatment plants. Environment International, 2020, 144, 106035.	4.8	55
7	A review of nature-based solutions for urban water management in European circular cities: a critical assessment based on case studies and literature. Blue-Green Systems, 2020, 2, 112-136.	0.6	183
8	Treatment Technologies for Removal of Antibiotics, Antibiotic Resistance Bacteria and Antibiotic-Resistant Genes. Emerging Contaminants and Associated Treatment Technologies, 2020, , 415-434.	0.4	4
9	Entry Routes of Antibiotics and Antimicrobial Resistance in the Environment. Emerging Contaminants and Associated Treatment Technologies, 2020, , 1-26.	0.4	0
10	Performance of secondary wastewater treatment methods for the removal of contaminants of emerging concern implicated in crop uptake and antibiotic resistance spread: A review. Science of the Total Environment, 2019, 648, 1052-1081.	3.9	328
11	Natural organic matter fractions and their removal in full-scale drinking water treatment under cold climate conditions in Nordic capitals. Journal of Environmental Management, 2019, 241, 427-438.	3.8	42
12	Removal of antibiotic resistant E. coli in two Norwegian wastewater treatment plants and by nano- and ultra-filtration processes. Water Science and Technology, 2018, 77, 1115-1126.	1.2	47
13	Non-woven polypropylene fabric modified with carbon nanotubes and decorated with nanoakaganeite for arsenite removal. International Journal of Environmental Science and Technology, 2018, 15, 1831-1842.	1.8	2
14	Membrane bioreactors â€“ A review on recent developments in energy reduction, fouling control, novel configurations, LCA and market prospects. Journal of Membrane Science, 2017, 527, 207-227.	4.1	329
15	Occurrence of UV filters, fragrances and organophosphate flame retardants in municipal WWTP effluents and their removal during membrane post-treatment. Journal of Hazardous Materials, 2017, 323, 166-176.	6.5	66
16	Membranes in wastewater treatment. , 2017, , 129-154.		0
17	Impact of inflow conditions on activated sludge filterability and membrane bioreactor (MBR) operational performance. Desalination and Water Treatment, 2015, 56, 1-13.	1.0	25
18	Filtration Characterization Method as Tool to Assess Membrane Bioreactor Sludge Filterabilityâ€"The Delft Experience. Membranes, 2014, 4, 227-242.	1.4	7

#	Article	IF	Citations
19	Specific energy consumption of membrane bioreactor (MBR) for sewage treatment. Water Science and Technology, 2012, 65, 380-392.	1.2	148
20	Flat sheet or hollow fibre â€" comparison of full-scale membrane bio-reactor configurations. Desalination and Water Treatment, 2012, 42, 100-106.	1.0	22
21	Impact of temperature on raw wastewater composition and activated sludge filterability in full-scale MBR systems for municipal sewage treatment. Journal of Membrane Science, 2012, 423-424, 348-361.	4.1	89
22	Sludge Residence Time and Membrane Fouling: What is the Connection?. Procedia Engineering, 2012, 44, 1069-1072.	1.2	0
23	The optimal MBR configuration: Hybrid versus stand-alone â€" Comparison between three full-scale MBRs treating municipal wastewater. Desalination, 2012, 284, 341-348.	4.0	18
24	The influence of solids retention time on activated sludge bioflocculation and membrane fouling in a membrane bioreactor (MBR). Journal of Membrane Science, 2012, 401-402, 48-55.	4.1	76
25	Analysis of the filterability in industrial MBRs. Influence of activated sludge parameters and constituents on filterability. Journal of Membrane Science, 2011, 385-386, 96-109.	4.1	25
26	MBR performance: Operational problems in industry. Filtration and Separation, 2011, 48, 36-41.	0.2	4
27	Activated sludge characteristics affecting sludge filterability in municipal and industrial MBRs: Unraveling correlations using multi-component regression analysis. Journal of Membrane Science, 2011, 378, 330-338.	4.1	60
28	MLSS concentration: Still a poorly understood parameter in MBR filterability. Desalination, 2010, 250, 618-622.	4.0	49
29	Flat sheet or hollow fiber - comparison of full-scale membrane bio-reactor configurations. , 0, 42, 100-106.		0