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List of Publications by Year
in descending order

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30 papers	1,348 citations	516215 16 h-index	476904 29 g-index
30 all docs	30 docs citations	30 times ranked	1928 citing authors

#	Article	IF	Citations
1	Integrated selection of PHA-storing biomass and nitrogen removal via nitrite from sludge reject water: a mathematical model. Environmental Technology (United Kingdom), 2024, 45, 73-86.	1.2	0
2	The Inhibitory Effect of Free Nitrous Acid and Free Ammonia on the Anoxic Phosphorus Uptake Rate of Polyphosphate-Accumulating Organisms. Energies, 2022, 15, 2108.	1.6	2
3	Inhibition of free nitrous acid and free ammonia on polyphosphate accumulating organisms: Evidence of insufficient phosphorus removal through nitritation-denitritation. Journal of Environmental Management, 2021, 297, 113390.	3.8	7
4	Biological cyanide removal from industrial wastewater by applying membrane bioreactors. Journal of Chemical Technology and Biotechnology, 2020, 95, 3041-3050.	1.6	7
5	Operation of a modified anaerobic baffled reactor coupled with a membrane bioreactor for the treatment of municipal wastewater in Taiwan. Environmental Technology (United Kingdom), 2019, 40, 1233-1238.	1.2	10
6	Reject water characterization and treatment through shortâ€cut nitrification/denitrification: assessing the effect of temperature and type of substrate. Journal of Chemical Technology and Biotechnology, 2018, 93, 3638-3647.	1.6	11
7	Influence of the Backwash Cleaning Water Temperature on the Membrane Performance in a Pilot SMBR Unit. Water (Switzerland), 2018, 10, 238.	1.2	7
8	A review on nitrous oxide (N 2 O) emissions during biological nutrient removal from municipal wastewater and sludge reject water. Science of the Total Environment, 2017, 596-597, 106-123.	3.9	221
9	Decentralised schemes for integrated management of wastewater and domestic organic waste: the case of a small community. Journal of Environmental Management, 2017, 203, 732-740.	3.8	17
10	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
11	Cr(VI) removal from aqueous solutions using aluminosilicate minerals in their Pb-exchanged forms. Applied Clay Science, 2017, 147, 54-62.	2.6	9
12	Technical and environmental evaluation of an integrated scheme for the co-treatment of wastewater and domestic organic waste in small communities. Water Research, 2017, 109, 173-185.	5.3	20
13	A novel scheme for denitrifying biological phosphorus removal via nitrite from nutrientâ€rich anaerobic effluents in a shortâ€cut sequencing batch reactor. Journal of Chemical Technology and Biotechnology, 2016, 91, 190-197.	1.6	7
14	Mitigating off-gas emissions in the biological nitrogen removal via nitrite process treating anaerobic effluents. Journal of Cleaner Production, 2015, 93, 126-133.	4.6	32
15	Nutrient removal via nitrite from reject water and polyhydroxyalkanoate (<scp>PHA</scp>) storage during nitrifying conditions. Journal of Chemical Technology and Biotechnology, 2015, 90, 1802-1810.	1.6	17
16	Development of a Novel Process Integrating the Treatment of Sludge Reject Water and the Production of Polyhydroxyalkanoates (PHAs). Environmental Science & Technology, 2015, 49, 10877-10885.	4.6	66
17	Are centralized MBRs coping with the current transition of large petrochemical areas? A pilot study in Porto-Marghera (Venice). Chemical Engineering Journal, 2013, 214, 68-77.	6.6	17
18	Investigation of the inhibitory effects of heavy metals on heterotrophic biomass activity and their mitigation through the use of natural minerals. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2012, 47, 1992-1999.	0.9	10

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19	Assessment of metal removal, biomass activity and RO concentrate treatment in an MBRâ€“RO system. Journal of Hazardous Materials, 2012, 209-210, 1-8.	6.5	54
20	Evaluation of the Efficiency of a Combined Adsorptionâ€“Ultrafiltration System for the Removal of Heavy Metals, Color, and Organic Matter from Textile Wastewater. Separation Science and Technology, 2011, 46, 920-932.	1.3	7
21	Preâ€treatment of Industrial Wastewater Polluted with Lead Using Adsorbents and Ultrafiltration or Microfiltration Membranes. Water Environment Research, 2011, 83, 298-312.	1.3	10
22	Industrial wastewater pre-treatment for heavy metal reduction by employing a sorbent-assisted ultrafiltration system. Chemosphere, 2011, 82, 557-564.	4.2	75
23	Study of Ni(II), Cu(II), Pb(II), and Zn(II) Removal Using Sludge and Minerals Followed by MF/UF. Water, Air, and Soil Pollution, 2011, 218, 81-92.	1.1	33
24	Performance of a membrane bioreactor used for the treatment of wastewater contaminated with heavy metals. Bioresource Technology, 2011, 102, 4325-4332.	4.8	60
25	Regeneration of natural zeolite polluted by lead and zinc in wastewater treatment systems. Journal of Hazardous Materials, 2011, 189, 773-786.	6.5	79
26	Investigation of long-term operation and biomass activity in a membrane bioreactor system. Water Science and Technology, 2011, 63, 1906-1912.	1.2	11
27	Examination of zinc uptake in a combined system using sludge, minerals and ultrafiltration membranes. Journal of Hazardous Materials, 2010, 182, 27-38.	6.5	25
28	Use of ultrafiltration membranes and aluminosilicate minerals for nickel removal from industrial wastewater. Journal of Membrane Science, 2010, 360, 234-249.	4.1	78
29	Fractionation of proteins and carbohydrates of extracellular polymeric substances in a membrane bioreactor system. Bioresource Technology, 2009, 100, 3350-3357.	4.8	93
30	Investigation of Cr(III) removal from wastewater with the use of MBR combined with low-cost additives. Journal of Membrane Science, 2009, 333, 12-19.	4.1	34