

Michal Green

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11924940/publications.pdf>

Version: 2024-02-01

37
papers

1,063
citations

471371

17
h-index

414303

32
g-index

37
all docs

37
docs citations

37
times ranked

1288
citing authors

#	ARTICLE	IF	CITATIONS
1	A pressurized hydrogenotrophic denitrification reactor system for removal of nitrates at high concentrations. <i>Journal of Water Process Engineering</i> , 2021, 42, 102140.	2.6	6
2	Preparation, performances and mechanisms of magnetic <i>Saccharomyces cerevisiae</i> bionanocomposites for atrazine removal. <i>Chemosphere</i> , 2018, 200, 380-387.	4.2	75
3	Pressurized hydrogenotrophic denitrification reactor for small water systems. <i>Journal of Environmental Management</i> , 2018, 216, 315-319.	3.8	10
4	Durable electrospun microtubes for encapsulation of bacteria in atrazine bioremediation. <i>Journal of Water Process Engineering</i> , 2017, 19, 205-211.	2.6	9
5	Stability of a mixed microbial population in a biological reactor during long term atrazine degradation under carbon limiting conditions. <i>International Biodeterioration and Biodegradation</i> , 2017, 123, 311-319.	1.9	7
6	Evaluation of a pilot plant for removal of nitrate from groundwater using ion exchange and recycled regenerant. <i>Water Practice and Technology</i> , 2017, 12, 541-548.	1.0	5
7	Co-reduction of nitrate and perchlorate in a pressurized hydrogenotrophic reactor with complete H ₂ utilization. <i>Chemical Engineering Journal</i> , 2017, 328, 133-140.	6.6	6
8	Simplified model for hydrogenotrophic denitrification in an unsaturated-flow pressurized reactor. <i>Chemical Engineering Journal</i> , 2016, 306, 233-241.	6.6	7
9	Submerged bed versus unsaturated flow reactor: A pressurized hydrogenotrophic denitrification reactor as a case study. <i>Chemosphere</i> , 2016, 161, 151-156.	4.2	3
10	High-rate hydrogenotrophic denitrification in a pressurized reactor. <i>Chemical Engineering Journal</i> , 2016, 286, 578-584.	6.6	23
11	Long-Term Atrazine Degradation with Microtube-Encapsulated <i>Pseudomonas</i> sp. Strain ADP. <i>Environmental Engineering Science</i> , 2016, 33, 167-175.	0.8	10
12	Minimizing brine discharge in a combined biophysical system for nitrate removal from inland groundwater. <i>Separation and Purification Technology</i> , 2015, 156, 496-501.	3.9	7
13	Selective nitrate removal from groundwater using a hybrid nanofiltration–reverse osmosis filtration scheme. <i>Chemical Engineering Journal</i> , 2015, 279, 372-378.	6.6	192
14	Storage-based denitrification with municipal wastewater: influence of the denitrification stage duration. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 2167-2175.	1.2	2
15	The contribution of suspended solids to municipal wastewater PHA-based denitrification. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 313-321.	1.2	4
16	Effect of high electron donor supply on dissimilatory nitrate reduction pathways in a bioreactor for nitrate removal. <i>Bioresource Technology</i> , 2014, 171, 291-297.	4.8	28
17	PHA based denitrification: Municipal wastewater vs. acetate. <i>Bioresource Technology</i> , 2013, 132, 28-37.	4.8	27
18	Encapsulation of <i>Pseudomonas</i> sp. ADP cells in electrospun microtubes for atrazine bioremediation. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2012, 39, 1605-1613.	1.4	33

#	ARTICLE	IF	CITATIONS
19	Modeling the Aeration Efficiency of a Passively Aerated Vertical-Flow Biological Filter. <i>Journal of Environmental Engineering</i> , ASCE, 2007, 133, 970-978.	0.7	3
20	High Nitrification Rate at Low pH in a Fluidized Bed Reactor with either Chalk or Sintered Glass as the Biofilm Carrier. <i>Israel Journal of Chemistry</i> , 2006, 46, 53-58.	1.0	4
21	Visualization of active biomass distribution in a BGAC fluidized bed reactor using GFP tagged <i>Pseudomonas putida</i> F1. <i>Water Research</i> , 2006, 40, 2704-2712.	5.3	16
22	Minimizing land requirement and evaporation in small wastewater treatment systems. <i>Ecological Engineering</i> , 2006, 26, 266-271.	1.6	31
23	Nitrification in a Biofilm at Low pH Values: Role of In Situ Microenvironments and Acid Tolerance. <i>Applied and Environmental Microbiology</i> , 2006, 72, 4283-4292.	1.4	74
24	Increased biofilm activity in BGAC reactors. <i>AIChE Journal</i> , 2005, 51, 1042-1047.	1.8	11
25	High-Rate Nitrification at Low pH in Suspended- and Attached-Biomass Reactors. <i>Applied and Environmental Microbiology</i> , 2004, 70, 6481-6487.	1.4	91
26	Simultaneous removal of atrazine and nitrate using a biological granulated activated carbon (BGAC) reactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2004, 79, 626-631.	1.6	13
27	Mineralization of organic N originating in treated effluent used for irrigation. <i>Nutrient Cycling in Agroecosystems</i> , 2003, 67, 205-213.	1.1	4
28	Patchy Biofilm Coverage Can Explain the Potential Advantage of BGAC Reactors. <i>Environmental Science & Technology</i> , 2003, 37, 4274-4280.	4.6	39
29	The effect of CO ₂ concentration on a nitrifying chalk reactor. <i>Water Research</i> , 2002, 36, 2147-2151.	5.3	18
30	Biodegradation Kinetics of Hydrocarbons in Soil during Land Treatment of Oily Sludge. <i>Bioremediation Journal</i> , 2001, 5, 193-209.	1.0	75
31	Chalk as the carrier for nitrifying biofilm in a fluidized bed reactor. <i>Water Research</i> , 2001, 35, 284-290.	5.3	17
32	Ammonium removal using a novel unsaturated flow biological filter with passive aeration. <i>Water Research</i> , 2001, 35, 397-404.	5.3	39
33	Atrazine degradation under denitrifying conditions in continuous culture of <i>Pseudomonas</i> ADP. <i>Water Research</i> , 2001, 35, 3272-3275.	5.3	43
34	Characterization of atrazine degradation and nitrate reduction by <i>Pseudomonas</i> sp. strain ADP. <i>Journal of Environmental Management</i> , 2000, 4, 211-218.	1.7	32
35	Enhancing nitrification in vertical flow constructed wetland utilizing a passive air pump. <i>Water Research</i> , 1998, 32, 3513-3520.	5.3	59
36	A simple model describing nitrate and nitrite reduction in fluidized bed biological reactors. , 1997, 54, 543-548.		4

#	ARTICLE	IF	CITATIONS
37	Constructed wetlands for river reclamation: Experimental design, start-up and preliminary results. Bioresource Technology, 1996, 55, 157-162.	4.8	36