Young Kim

List of Publications by Year
in descending order

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27	346	840776 11	839539 18
papers	citations	h-index	g-index

27	27	27	297
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluating the efficacy of slow-releasing carbon source tablets for in situ biological heterotrophic denitrification of groundwater. Chemosphere, 2022, 304, 135268.	8.2	3
2	In situ field method for evaluating biodegradation potential of BTEX by indigenous heterotrophic denitrifying microorganisms in a BTEX-contaminated fractured-rock aquifer. Environmental Technology (United Kingdom), 2021, 42, 1326-1335.	2.2	3
3	Assessing the feasibility of sequential aerobic respiration and heterotrophic denitrification of a high-strength mixture of phenol and its derivatives in the field single-well-drift test. Chemosphere, 2020, 239, 124800.	8.2	3
4	Efficacy of in situ well-based denitrification bio-barrier (WDB) remediating high nitrate flux in groundwater near a stock-raising complex. Journal of Environmental Management, 2020, 258, 110004.	7.8	7
5	Evaluating a new injection method of liquid/gas mixture spray injection via performing long-term in situ bioremediation tests. Journal of Environmental Management, 2020, 268, 110691.	7.8	0
6	Production, characterization, and evaluation of two types of slow-releasing carbon source tablets for in-situ heterotrophic nitrate denitrification in aquifers. Chemosphere, 2020, 260, 127478.	8.2	5
7	The effectiveness of injected carbon sources in enhancing the denitrifying processes in groundwater with high nitrate concentrations. Chemical Engineering Research and Design, 2019, 131, 205-211.	5.6	9
8	Estimating bioaugmentation efficacy of TCE dechlorination using long-term field well-to-well tests in a highly recharged and TCE-contaminated aquifer. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2019, 54, 208-218.	1.7	1
9	Methane utilization in aerobic methane oxidation coupled to denitrification (AME-D): theoretical estimation and effect of hydraulic retention time (HRT). Biodegradation, 2019, 30, 101-112.	3.0	9
10	Monitoring nitrate natural attenuation and analysis of indigenous micro-organism community in groundwater. Desalination and Water Treatment, 2016, 57, 24096-24108.	1.0	9
11	Modelling of suspended sediment in a weir reach using EFDC model. Water Science and Technology, 2016, 73, 1583-1590.	2.5	6
12	Long-term monitoring and evaluating biological activity of in situ anaerobic reductive dechlorination at a highly recharged and TCE-contaminated aquifer. Desalination and Water Treatment, 2016, 57, 24085-24095.	1.0	6
13	Assessment of Metals Loading in an Acid Mine Drainage Watershed. Mine Water and the Environment, 2016, 35, 44-54.	2.0	1
14	Estimating In Situ Biodegradation Rates of Petroleum Hydrocarbons and Microbial Population Dynamics by Performing Single-Well Pushâ€“Pull Tests in a Fractured Bedrock Aquifer. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	8
15	Assessing the activity and diversity of fumarate-fed denitrifying bacteria by performing field single-well push-pull tests. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2011, 46, 33-41.	1.7	5
16	Uptake of cadmium, copper, and lead by microporous synthetic Na-birnessite. Journal of Porous Materials, 2011, 18, 125-131.	2.6	15
17	Natural Gradient Drift Tests for Assessing the Feasibility of In Situ Aerobic Cometabolism of Trichloroethylene and Evaluating the Microbial Community Change. Water, Air, and Soil Pollution, 2011, 219, 353-364.	2.4	8
18	Single-well, gas-sparging tests for evaluating the in situ aerobic cometabolism of cis-1,2-dichloroethene and trichloroethene. Chemosphere, 2008, 71, 1654-1664.	8.2	12

#	Article	IF	Citations
19	Pushâ€“pull tests evaluating in situ aerobic cometabolism of ethylene, propylene, and cis-1,2-dichloroethylene. Journal of Contaminant Hydrology, 2006, 82, 165-181.	3.3	21
20	Determination of Electron Donors by Comparing Reaction Rates for In Situ Bioremediation of Nitrate-Contaminated Groundwater. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2006, 41, 2359-2372.	1.7	11
21	Effects of land use on the spatial distribution of trace metals and volatile organic compounds in urban groundwater, Seoul, Korea. Environmental Geology, 2005, 48, 1116-1131.	1.2	20
22	Push-Pull Tests for Assessing In Situ Aerobic Cometabolism. Ground Water, 2004, 42, 329-337.	1.3	40
23	Title is missing!. Water, Air and Soil Pollution, 2003, 3, 285-298.	0.8	12
24	A combined method for determining inhibition type, kinetic parameters, and inhibition coefficients for aerobic cometabolism of 1,1,1-trichloroethane by a butane-grown mixed culture. Biotechnology and Bioengineering, 2002, 77, 564-576.	3.3	28
25	Kinetic and inhibition studies for the aerobic cometabolism of 1,1,1-trichloroethane, 1,1-dichloroethylene, and 1,1-dichloroethane by a butane-grown mixed culture. Biotechnology and Bioengineering, 2002, 80, 498-508.	3.3	34
26	Chlorinated Solvent Cometabolism by Butane-Grown Mixed Culture. Journal of Environmental Engineering, ASCE, 2000, 126, 934-942.	1.4	42
27	Aerobic Cometabolism of Chloroform and 1,1,1-Trichloroethane by Butane-Grown Microorganisms. Bioremediation Journal, 1997, 1, 135-148.	2.0	28