

# Young Kim

## List of Publications by Year in descending order

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27  
papers

346  
citations

840776

11  
h-index

839539

18  
g-index

27  
all docs

27  
docs citations

27  
times ranked

297  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chlorinated Solvent Cometabolism by Butane-Grown Mixed Culture. <i>Journal of Environmental Engineering, ASCE</i> , 2000, 126, 934-942.	1.4	42
2	Push-Pull Tests for Assessing In Situ Aerobic Cometabolism. <i>Ground Water</i> , 2004, 42, 329-337.	1.3	40
3	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. <i>Biotechnology and Bioengineering</i> , 2002, 80, 498-508.	3.3	34
4	Aerobic Cometabolism of Chloroform and 1,1,1-Trichloroethane by Butane-Grown Microorganisms. <i>Bioremediation Journal</i> , 1997, 1, 135-148.	2.0	28
5	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. <i>Biotechnology and Bioengineering</i> , 2002, 77, 564-576.	3.3	28
6	Push-pull tests evaluating in situ aerobic cometabolism of ethylene, propylene, and cis-1,2-dichloroethylene. <i>Journal of Contaminant Hydrology</i> , 2006, 82, 165-181.	3.3	21
7	Effects of land use on the spatial distribution of trace metals and volatile organic compounds in urban groundwater, Seoul, Korea. <i>Environmental Geology</i> , 2005, 48, 1116-1131.	1.2	20
8	Uptake of cadmium, copper, and lead by microporous synthetic Na-birnessite. <i>Journal of Porous Materials</i> , 2011, 18, 125-131.	2.6	15
9	Title is missing!. <i>Water, Air and Soil Pollution</i> , 2003, 3, 285-298.	0.8	12
10	Single-well, gas-sparging tests for evaluating the in situ aerobic cometabolism of cis-1,2-dichloroethene and trichloroethene. <i>Chemosphere</i> , 2008, 71, 1654-1664.	8.2	12
11	Determination of Electron Donors by Comparing Reaction Rates for In Situ Bioremediation of Nitrate-Contaminated Groundwater. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2006, 41, 2359-2372.	1.7	11
12	Monitoring nitrate natural attenuation and analysis of indigenous micro-organism community in groundwater. <i>Desalination and Water Treatment</i> , 2016, 57, 24096-24108.	1.0	9
13	The effectiveness of injected carbon sources in enhancing the denitrifying processes in groundwater with high nitrate concentrations. <i>Chemical Engineering Research and Design</i> , 2019, 131, 205-211.	5.6	9
14	Methane utilization in aerobic methane oxidation coupled to denitrification (AME-D): theoretical estimation and effect of hydraulic retention time (HRT). <i>Biodegradation</i> , 2019, 30, 101-112.	3.0	9
15	Natural Gradient Drift Tests for Assessing the Feasibility of In Situ Aerobic Cometabolism of Trichloroethylene and Evaluating the Microbial Community Change. <i>Water, Air, and Soil Pollution</i> , 2011, 219, 353-364.	2.4	8
16	Estimating In Situ Biodegradation Rates of Petroleum Hydrocarbons and Microbial Population Dynamics by Performing Single-Well Push-pull Tests in a Fractured Bedrock Aquifer. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	8
17	Efficacy of in situ well-based denitrification bio-barrier (WDB) remediating high nitrate flux in groundwater near a stock-raising complex. <i>Journal of Environmental Management</i> , 2020, 258, 110004.	7.8	7
18	Modelling of suspended sediment in a weir reach using EFDC model. <i>Water Science and Technology</i> , 2016, 73, 1583-1590.	2.5	6

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19	Long-term monitoring and evaluating biological activity of in situ anaerobic reductive dechlorination at a highly recharged and TCE-contaminated aquifer. <i>Desalination and Water Treatment</i> , 2016, 57, 24085-24095.	1.0	6
20	Assessing the activity and diversity of fumarate-fed denitrifying bacteria by performing field single-well push-pull tests. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 33-41.	1.7	5
21	Production, characterization, and evaluation of two types of slow-releasing carbon source tablets for in-situ heterotrophic nitrate denitrification in aquifers. <i>Chemosphere</i> , 2020, 260, 127478.	8.2	5
22	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. <i>Chemosphere</i> , 2020, 239, 124800.	8.2	3
23	<i>In situ</i> field method for evaluating biodegradation potential of BTEX by indigenous heterotrophic denitrifying microorganisms in a BTEX-contaminated fractured-rock aquifer. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 1326-1335.	2.2	3
24	Evaluating the efficacy of slow-releasing carbon source tablets for in situ biological heterotrophic denitrification of groundwater. <i>Chemosphere</i> , 2022, 304, 135268.	8.2	3
25	Assessment of Metals Loading in an Acid Mine Drainage Watershed. <i>Mine Water and the Environment</i> , 2016, 35, 44-54.	2.0	1
26	Estimating bioaugmentation efficacy of TCE dechlorination using long-term field well-to-well tests in a highly recharged and TCE-contaminated aquifer. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 208-218.	1.7	1
27	Evaluating a new injection method of liquid/gas mixture spray injection via performing long-term in situ bioremediation tests. <i>Journal of Environmental Management</i> , 2020, 268, 110691.	7.8	0