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List of Publications by Year in descending order

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Version: 2024-02-01

161
papers

2,435
citations

331259

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223531

46
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162
all docs

162
docs citations

162
times ranked

2901
citing authors

#	ARTICLE	IF	CITATIONS
1	Updating the Environmental Engineering Body of Knowledge. Journal of Environmental Engineering, ASCE, 2022, 148, .	0.7	1
2	Nurses must collaborate beyond the bedside in education and practice. Nurse Education in Practice, 2022, 59, 103280.	1.0	3
3	A Case Study of Community-Engaged Design: Creating Parametric Insurance to Meet the Safety Needs of Fisherfolk in the Caribbean. Journal of Environmental Engineering, ASCE, 2022, 148, .	0.7	6
4	Comparing oranges versus grapes as a metaphor of the nurse+engineer. Journal of Clinical Nursing, 2022, 31, .	1.4	4
5	The nurse+engineer as the prototype V-shaped professional. Nursing Outlook, 2022, 70, 280-291.	1.5	12
6	Using Modified Mastery Learning to Teach Sustainability and Life-Cycle Principles as Part of Modeling and Design. Environmental Engineering Science, 2022, 39, 784-795.	0.8	5
7	Updating Guidance for Environmental Engineers. Journal - American Water Works Association, 2022, 114, 70-71.	0.2	0
8	Limited benefits and high costs are associated with low monetary returns for Guatemalan household investment in water, sanitation, and hygiene technologies. World Development, 2022, 154, 105855.	2.6	2
9	Environmental Engineering as Care for Human Welfare and Planetary Health. Journal of Environmental Engineering, ASCE, 2022, 148, .	0.7	7
10	Improving Interprofessional Environmental Health Education Using the Leave No One Behind Framework. American Journal of Public Health, 2022, 112, S250-S252.	1.5	6
11	Review of Recent Research about Parenting Generation Z Pre-Teen Children. Western Journal of Nursing Research, 2021, 43, 1073-1086.	0.6	6
12	Person-Centeredness Enhances Public Health Approaches to Combat COVID-19. Journal of Environmental Engineering, ASCE, 2021, 147, .	0.7	8
13	From interprofessional to convergence: Nurses educating V-shaped professionals. Nurse Education in Practice, 2021, 53, 103047.	1.0	16
14	Advancing global public health using science-for-diplomacy. Perspectives in Public Health, 2021, 141, 133-135.	0.8	6
15	The Academy, the Association, and the Society Advancing Environmental Engineering Training and Credentialing. Environmental Engineering Science, 2021, 38, 923-926.	0.8	7
16	Dear WEF, the Academy needs your input to update the Environmental Engineering Body of Knowledge. Water Environment Research, 2021, 93, 2832-2833.	1.3	2
17	Improved Health Diplomacy is Necessary for Resilience after COVID-19. Journal of Environmental Engineering, ASCE, 2021, 147, .	0.7	6
18	Humanitarian Technologists as Prototypical V-Shaped Professionals. , 2021, , .		4

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19	The influence of local market and household factors on aflatoxin presence in maize and symptoms of its exposure to children in Guatemala. <i>International Journal of Environmental Health Research</i> , 2020, 30, 312-326.	1.3	8
20	Assessment of environmental exposure factors on child diarrhea and systemic inflammation in the Eastern Cape. <i>Water Research</i> , 2020, 169, 115244.	5.3	10
21	Identifying opportunities for educators to pursue collaboration at the interface of nursing and engineering – and a word of caution. <i>Journal of Advanced Nursing</i> , 2020, 76, 920-923.	1.5	9
22	Immigrant Women's Experiences as Mothers in the United States. <i>MCN the American Journal of Maternal Child Nursing</i> , 2020, 45, 6-16.	0.3	2
23	Environmental Hygiene for COVID-19: It's All About the Mask. <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, 01820004.	0.7	5
24	Think-Pair-Listen in the Online COVID-19 Classroom. <i>Environmental Engineering Science</i> , 2020, 37, 647-648.	0.8	6
25	Educating Heads, Hands, and Hearts in the COVID-19 Classroom. <i>Environmental Engineering Science</i> , 2020, 37, 303-303.	0.8	9
26	Risk Communication is Important for Environmental Engineering during COVID-19. <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, 01820002.	0.7	10
27	Leading change during the convergence of an epidemic and a pandemic. <i>Journal of Advanced Nursing</i> , 2020, 76, 3215-3217.	1.5	2
28	Nightingale's legacy as a nurse theorist promotes healthful food systems. <i>Perspectives in Public Health</i> , 2020, 140, 141-143.	0.8	7
29	Antimicrobial resistance needs to be combated at primary levels of prevention by nurses. <i>Nursing Open</i> , 2020, 7, 678-679.	1.1	4
30	The ethical challenges of antimicrobial resistance for Nurse practitioners. <i>Nursing Open</i> , 2020, 7, 904-906.	1.1	1
31	A population health perspective on America's opioid addiction. <i>Perspectives in Public Health</i> , 2019, 139, 184-185.	0.8	3
32	Improving Environmental Health Practice and Policy Through Convergence Research: A Case Study of Linked Food-Water Systems Enhancing Child Health. <i>Environmental Engineering Science</i> , 2019, 36, 820-832.	0.8	13
33	Aflatoxin Exposure, Child Stunting, and Dysbiosis in the Intestinal Microbiome Among Children in Guatemala. <i>Environmental Engineering Science</i> , 2019, 36, 958-968.	0.8	17
34	An example of convergence: Guatemala Research on WaSH (GRoW). <i>Journal of Advanced Nursing</i> , 2019, 75, 2264-2266.	1.5	6
35	Complex Associations between Environmental Factors and Child Growth: Novel Mixed-Methods Approach. <i>Journal of Environmental Engineering, ASCE</i> , 2019, 145, 04019027.	0.7	2
36	Sustainable development & the year of the nurse & midwife – 2020. <i>International Journal of Nursing Studies</i> , 2019, 94, A3-A4.	2.5	16

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37	Primary Factors Statistically Associated with Diarrheal Occurrences. Environmental Engineering Science, 2018, 35, 836-845.	0.8	8
38	What causes childhood stunting among children of San Vicente, Guatemala: Employing complimentary, system-analysis approaches. International Journal of Hygiene and Environmental Health, 2018, 221, 391-399.	2.1	17
39	Association of aflatoxin exposure and height-for-age among young children in Guatemala. International Journal of Environmental Health Research, 2018, 28, 280-292.	1.3	24
40	Pierre Bourdieu's Theory of Practice offers nurses a framework to uncover embodied knowledge of patients living with disabilities or illnesses: A discussion paper. Journal of Advanced Nursing, 2018, 74, 818-826.	1.5	7
41	Membrane biofilm communities in full-scale membrane bioreactors are not randomly assembled and consist of a core microbiome. Water Research, 2017, 123, 124-133.	5.3	62
42	Microbiome and NAFLD: potential influence of aerobic fitness and lifestyle modification. Physiological Genomics, 2017, 49, 385-399.	1.0	31
43	From Disaster to Development: Finance Provides a Platform to Empower Technology for Resilience to Climate Change. Procedia Engineering, 2016, 159, 267-271.	1.2	6
44	Utilizing structural equation modeling to correlate biosand filter performance and occurrence of diarrhea in the village of Enseado do Aritapera in Para, Brazil. Water Science and Technology: Water Supply, 2015, 15, 164-172.	1.0	9
45	Utilizing structural equation modeling as an evaluation tool for critical parameters of the biosand filter in a pilot study in Para, Brazil. Water Science and Technology: Water Supply, 2015, 15, 845-851.	1.0	6
46	Measuring Multidimensional Poverty in a Complex Environment; Identifying the Sensitive Links. Procedia Engineering, 2015, 107, 172-180.	1.2	3
47	Utilizing Mobile Health Technology at the Bottom of the Pyramid. Procedia Engineering, 2014, 78, 143-148.	1.2	8
48	Utilizing Structural Equation Modeling in the Development of a Standardized Intervention Assessment Tool. Procedia Engineering, 2014, 78, 218-223.	1.2	7
49	No Really, (Crowd) Work is the Silver Bullet. Procedia Engineering, 2014, 78, 224-228.	1.2	14
50	PulaCloud: Human computation for economic development. , 2013, , .		0
51	Environmental Health and Household Demographics Impacting Biosand Filter Maintenance and Diarrhea in Guatemala: An Application of Structural Equation Modeling. Environmental Science & Technology, 2013, 47, 130109072853002.	4.6	10
52	Molecular Diversity of Bacteroidales in Fecal and Environmental Samples and Swine-Associated Subpopulations. Applied and Environmental Microbiology, 2013, 79, 816-824.	1.4	8
53	Effect of SRT on Floc Biodiversity in Activated Sludge Model. Proceedings of the Water Environment Federation, 2011, 2011, 3245-3255.	0.0	0
54	Diversity of Dominant Bacterial Taxa in Activated Sludge Promotes Functional Resistance following Toxic Shock Loading. Microbial Ecology, 2011, 61, 557-567.	1.4	40

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55	Comparative fecal metagenomics unveils unique functional capacity of the swine gut. BMC Microbiology, 2011, 11, 103.	1.3	352
56	Evaluation of Disinfection Efficacy by a Green Fluorescent Protein (GFP) Reporter System. Proceedings of the Water Environment Federation, 2011, 2011, 243-248.	0.0	0
57	Active Bacterial Diversity as Biomarker for Activated Sludge Inhibition by Chromium. Proceedings of the Water Environment Federation, 2010, 2010, 5650-5655.	0.0	0
58	Evaluating Active Microbial Diversity as a Biomarker for Water Body Health at Combined Sewer Overflows (CSO) Event. Proceedings of the Water Environment Federation, 2010, 2010, 5194-5199.	0.0	0
59	Modeling Bacterial Diversity in Activated Sludge System Using Trade-Off-Based Resource Competition Model. Proceedings of the Water Environment Federation, 2010, 2010, 5656-5663.	0.0	0
60	Identification of <i>Naegleria fowleri</i> in Warm Ground Water Aquifers. Journal of Environmental Quality, 2010, 39, 147-153.	1.0	19
61	Public Health Impact of Engineered Interventions in Rural Guatemala. Proceedings of the Water Environment Federation, 2010, 2010, 2141-2141.	0.0	0
62	Respirometric evaluation of side-stream treatment of reject water as a source of nitrifying bacteria for main-stream activated sludge bioreactors. Water Science and Technology, 2009, 60, 2677-2684.	1.2	5
63	Evaluation of Swine-Specific PCR Assays Used for Fecal Source Tracking and Analysis of Molecular Diversity of Swine-Specific <i>Bacteroidales</i> Populations. Applied and Environmental Microbiology, 2009, 75, 5787-5796.	1.4	43
64	Reverse Transcription of 16S rRNA To Monitor Ribosome-Synthesizing Bacterial Populations in the Environment. Applied and Environmental Microbiology, 2009, 75, 4589-4598.	1.4	22
65	Biodiversity Enhances Resistance of Activated Sludge to Toxic Shock Loads. Proceedings of the Water Environment Federation, 2009, 2009, 4022-4032.	0.0	0
66	Effect of Changing VOC Influent Composition on the Microbial Community Structure of TBABs. Water, Air and Soil Pollution, 2008, 8, 311-321.	0.8	3
67	Bifidobacteria in Feces and Environmental Waters. Applied and Environmental Microbiology, 2008, 74, 575-584.	1.4	87
68	Influence of Loading Patterns on Sludge Properties and Membrane Fouling in Membrane Bioreactors Treating Synthetic Early Planetary Base Wastewater. Proceedings of the Water Environment Federation, 2008, 2008, 596-614.	0.0	1
69	Ecological engineering of bioaugmentation from side-stream nitrification. Water Science and Technology, 2008, 57, 1927-1933.	1.2	10
70	Microbial Characterization of Drinking Water Systems Receiving Groundwater and Surface Water as the Primary Sources of Water. , 2008, , .		3
71	Application of Membrane Bioreactors in the Preliminary Treatment of Early Planetary Base Wastewater for Long-Duration Space Missions. Water Environment Research, 2008, 80, 2209-2218.	1.3	6
72	An Innovative Approach to Detecting Mycobacterium in Drinking Water Systems. , 2008, , .		0

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73	Development of host-specific metagenomic markers for microbial source tracking using a novel metagenomic approach. Proceedings of the Water Environment Federation, 2007, 2007, 646-661.	0.0	1
74	Influence of Loading/Decanting Patterns on Sludge Properties and Membrane Fouling in Membrane Bioreactors Treating Synthetic Early Planetary Base Wastewater. Proceedings of the Water Environment Federation, 2007, 2007, 7915-7928.	0.0	0
75	Molecular diversity of drinking water microbial communities: a phylogenetic approach. Proceedings of the Water Environment Federation, 2007, 2007, 629-645.	0.0	1
76	AUTOTROPH-HETERTROPH INTERACTIONS IN ACTIVATED SLUDGE: BIOAUGMENTATION FROM SIDE-STREAM TREATMENT. Proceedings of the Water Environment Federation, 2007, 2007, 3043-3051.	0.0	0
77	A NOVEL STUDY OF MICROBIAL COMMUNITY RESPONSE TO TOXIC SHOCK LOADINGS BY DENATURING HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY (DHPLC) METHOD. Proceedings of the Water Environment Federation, 2007, 2007, 5001-5009.	0.0	0
78	THE BENEFIT OF AEROBIC METHANOL UPTAKE ON DENITRIFICATION CAPACITY. Proceedings of the Water Environment Federation, 2007, 2007, 3526-3555.	0.0	0
79	Using microbial genomics to evaluate the effectiveness of silver to prevent biofilm formation. Water Science and Technology, 2007, 55, 413-419.	1.2	31
80	THE IMPACT OF SIDE-STREAM REACTOR CONFIGURATION ON FUNCTIONAL STABILITY IN ACTIVATED SLUDGE. Proceedings of the Water Environment Federation, 2007, 2007, 455-469.	0.0	0
81	Identifying Fecal Sources in a Selected Catchment Reach Using Multiple Source-Tracking Tools. Journal of Environmental Quality, 2007, 36, 718-729.	1.0	50
82	An ecology-based analysis of irreversible biofouling in membrane bioreactors. Water Science and Technology, 2007, 55, 395-402.	1.2	8
83	Modelling the competition of planktonic and sessile aerobic heterotrophs for complementary nutrients in biofilm reactor. Water Science and Technology, 2007, 55, 227-235.	1.2	5
84	Development of a microfluidic biosensor for detection of environmental mycobacteria. Sensors and Actuators B: Chemical, 2007, 123, 614-621.	4.0	18
85	Assessment of fecal pollution sources in a small northern-plains watershed using PCR and phylogenetic analyses of Bacteroidetes 16S rRNA gene. FEMS Microbiology Ecology, 2007, 59, 651-660.	1.3	65
86	A Vista for Microbial Ecology and Environmental Biotechnology. Environmental Science & Technology, 2006, 40, 1096-1103.	4.6	118
87	Integrating Molecular Biology Research, Teaching, and Professional Outreach in Environmental Engineering and Science. Environmental Engineering Science, 2006, 23, 451-460.	0.8	1
88	Culture-Based MEMS Device to Track Gordonia in Activated Sludge. Environmental Science & Technology, 2006, 40, 2269-2274.	4.6	4
89	Effect of activated sludge properties and membrane operation conditions on fouling characteristics in membrane bioreactors. Chemosphere, 2006, 63, 1699-1708.	4.2	36
90	Anaerobic Treatment in the 21st Century. Water Environment Research, 2006, 78, 459-459.	1.3	1

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91	Using Genomics to Understand Disinfection with Silver. Proceedings of the Water Environment Federation, 2006, 2006, 1285-1293.	0.0	0
92	Application of Membrane Bioreactors in the Preliminary Treatment of Early Planetary Base Wastewater for Long Duration Space Missions. Proceedings of the Water Environment Federation, 2006, 2006, 62-81.	0.0	0
93	16S Ribosomal RNA Tools Identify an Unexpected Predominance of Paenibacillus-Like Bacteria in an Industrial Activated Sludge System Suffering from Poor Biosolids Separation. Water Environment Research, 2006, 78, 864-871.	1.3	3
94	Comparison of Biomass Selection Between a Novel Membrane Bioreactor and Activated Sludge Process. Proceedings of the Water Environment Federation, 2006, 2006, 5030-5037.	0.0	1
95	Microbial community development in a laboratory-scale nitrifying activated sludge system with input from a side-stream bioreactor treating digester supernatant. Water Science and Technology, 2006, 54, 209-216.	1.2	11
96	Identifying pioneer bacterial species responsible for biofouling membrane bioreactors. Environmental Microbiology, 2006, 8, 433-440.	1.8	99
97	Performance and Microbial Diversity of a Trickle-Bed Air Biofilter under Interchanging Contaminants. Engineering in Life Sciences, 2006, 6, 37-42.	2.0	30
98	Efficacy of Biomass Input into Main-Stream Treatment from Warm Sludge Liquor Treatment at Cold Temperatures. Proceedings of the Water Environment Federation, 2006, 2006, 1598-1606.	0.0	0
99	Quantification of in Situ Growth Activity: A Novel Approach to Study Response of Activated Sludge to Toxic Shock Loadings. Proceedings of the Water Environment Federation, 2006, 2006, 5000-5007.	0.0	0
100	Culture-Based Biochip for Rapid Detection of Environmental Mycobacteria. , 2006, , 299-323.		0
101	EXAMINING THE INITIATION OF BIOFOULING IN MEMBRANE BIOREACTORS TREATING PAPER WASTEWATER. Proceedings of the Water Environment Federation, 2005, 2005, 2147-2162.	0.0	0
102	KINETIC AND MOLECULAR CHARACTERIZATION OF A LABORATORY-SCALE, TWO-SLUDGE NITRIFYING SIDE-STREAM REACTOR SYSTEM. Proceedings of the Water Environment Federation, 2005, 2005, 3849-3863.	0.0	0
103	Molecular Methods in Biological Systems. Water Environment Research, 2005, 77, 718-779.	1.3	0
104	Effect of permeate flux and tangential flow on membrane fouling for wastewater treatment. Separation and Purification Technology, 2005, 45, 68-78.	3.9	192
105	Influence of cross-flow velocity on membrane performance during filtration of biological suspension. Journal of Membrane Science, 2005, 248, 189-199.	4.1	164
106	Evolving to Serve You Better. Water Environment Research, 2005, 77, 3-3.	1.3	1
107	Biological Solutions. , 2005, , 127-141.		1
108	Paraffin surfaces for culture-based detection of mycobacteria in environmental samples. Journal of Micromechanics and Microengineering, 2005, 15, 270-276.	1.5	8

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109	Use of 16S rRNA Gene Terminal Restriction Fragment Analysis To Assess the Impact of Solids Retention Time on the Bacterial Diversity of Activated Sludge. Applied and Environmental Microbiology, 2005, 71, 5814-5822.	1.4	120
110	Dynamic Growth Rates of Microbial Populations in Activated Sludge Systems. Journal of Environmental Engineering, ASCE, 2005, 131, 1698-1705.	0.7	4
111	TRACKING IMPORTED NITRIFYING BIOMASS IN COLD SEQUENCING BATCH REACTORS USING FISH. Proceedings of the Water Environment Federation, 2004, 2004, 78-91.	0.0	0
112	Bacterial Competition in Activated Sludge: Theoretical Analysis of Varying Solids Retention Times on Diversity. Microbial Ecology, 2004, 48, 274-284.	1.4	42
113	Developing rapid detection of mycobacteria using microwaves. Analyst, The, 2004, 129, 963.	1.7	5
114	BIODIVERSITY IN ACTIVATED SLUDGE THROUGH BIO-AUGMENTATION: INCOPORATING NITRIFIERS FROM TREATMENT OF HIGH-STRENGTH, ELEVATED TEMPERATURE RECYCLE STREAMS. Proceedings of the Water Environment Federation, 2004, 2004, 761-771.	0.0	0
115	EXAMINING THE INITIATION OF BIOFOULING IN MEMBRANE BIOREACTORS TREATING PULP AND PAPER WASTEWATER. Proceedings of the Water Environment Federation, 2004, 2004, 717-730.	0.0	4
116	USING ECOLOGY TO MITIGATE TOXIC SHOCK LOADS IN ACTIVATED SLUDGE. Proceedings of the Water Environment Federation, 2004, 2004, 725-738.	0.0	0
117	Molecular Methods in Biological Systems. Water Environment Research, 2004, 76, 605-667.	1.3	0
118	Culture-based biochip for environmental monitoring. , 2004, , .		1
119	The value of applying molecular biology tools in environmental engineering: Academic and industry perspective in the USA. Reviews in Environmental Science and Biotechnology, 2003, 2, 1-8.	3.9	6
120	A NEW MOLECULAR RESPIROMETRY METHOD FOR IDENTIFYING BACTERIA AND DETERMINING THEIR GROWTH STATES IN MIXED CULTURES. Proceedings of the Water Environment Federation, 2003, 2003, 628-635.	0.0	0
121	<l>PAENIBACILLUS</l>-LIKE SPP. AND SLUDGE BULKING. Proceedings of the Water Environment Federation, 2003, 2003, 750-758.	0.0	1
122	Molecular Methods in Biological Systems. Water Environment Research, 2003, 75, 65-139.	1.3	0
123	Elevated precursor 16S rRNA levels suggest the presence of growth inhibitors in wastewater. Water Science and Technology, 2003, 47, 241-250.	1.2	42
124	HOW MANY BACTERIA HAVE RIBOSOME GENESIS THAT IS SENSITIVE TO WASTEWATER?. Proceedings of the Water Environment Federation, 2002, 2002, 641-652.	0.0	1
125	DEVELOPMENT OF CULTURE-BASED BIOLOGICAL MICROELECTRO- MECHANICAL SYSTEMS (BioMEMS) FOR MEASURING NOCARDIOFORMS IN WASTEWATER TREATMENT. Proceedings of the Water Environment Federation, 2002, 2002, 669-678.	0.0	1
126	IMPACT OF INFLUENT MICROORGANISMS UPON POOR SOLIDS SEPARATION IN THE QUIESCENT ZONE OF AN INDUSTRIAL WASTEWATER TREATMENT SYSTEM. Proceedings of the Water Environment Federation, 2002, 2002, 104-115.	0.0	1

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127	A NOVEL MODEL OF ACTIVATED SLUDGE USING MONOD KINETICS TO DESCRIBE THE COMPETITION OF MICROBIAL POPULATIONS ON GROWTH LIMITING SUBSTRATE. Proceedings of the Water Environment Federation, 2002, 2002, 90-101.	0.0	0
128	Oligonucleotide probe hybridization and modeling results suggest that populations consuming readily degradable substrate have high cellular RNA levels. Water Science and Technology, 2002, 45, 115-126.	1.2	11
129	Molecular Methods in Biological Systems. Water Environment Research, 2002, 74, 71-105.	1.3	0
130	Quantifying the impact of wastewater micronutrient composition on in situ growth activity of Acinetobacter spp.. Water Science and Technology, 2002, 46, 443-447.	1.2	13
131	Rapid Detection of Microorganisms Using Microwaves. , 2002, , 897-899.		0
132	Quantifying filamentous microorganisms in activated sludge before, during, and after an incident of foaming by oligonucleotide probe hybridizations and antibody staining. Water Research, 2001, 35, 3325-3336.	5.3	55
133	Molecular Methods in Biological Systems. Water Environment Research, 2001, 73, 116-150.	1.3	0
134	MICROBIAL SUCCESSION IN ACTIVATED SLUDGE: ECOLOGICAL PRINCIPLES LINK COMMUNITY DIVERSITY AND OPERATING PERFORMANCE. Proceedings of the Water Environment Federation, 2001, 2001, 772-779.	0.0	0
135	IN SITU GROWTH ACTIVITY OF ACINETOBACTER SPECIES WITH VARIABLE EXPOSURE TO ELECTRON DONOR AND ELECTRON ACCEPTOR. Proceedings of the Water Environment Federation, 2001, 2001, 732-739.	0.0	1
136	Monitoring Precursor 16S rRNAs of Acinetobacter spp. in Activated Sludge Wastewater Treatment Systems. Applied and Environmental Microbiology, 2000, 66, 2154-2165.	1.4	77
137	Simultaneous oligonucleotide probe hybridization and immunostaining for in situ detection of Gordonia species in activated sludge. FEMS Microbiology Ecology, 1999, 29, 129-136.	1.3	16
138	Interfacing phylogenetic oligonucleotide probe hybridizations with representations of microbial populations and specific growth rates in mathematical models of activated sludge processes. Water Science and Technology, 1999, 39, 11.	1.2	7
139	Interfacing phylogenetic oligonucleotide probe hybridizations with representations of microbial populations and specific growth rates in mathematical models of activated sludge processes. Water Science and Technology, 1999, 39, 11-20.	1.2	11
140	Bioaugmentation of sequencing batch reactors for biological phosphorus removal: Comparative rRNA sequence analysis and hybridization with oligonucleotide probes. Water Science and Technology, 1998, 37, 469.	1.2	10
141	Characterization of filamentous foaming in activated sludge systems using oligonucleotide hybridization probes and antibody probes. Water Science and Technology, 1998, 37, 485.	1.2	26
142	Bioaugmentation of sequencing batch reactors for biological phosphorus removal: comparative rRNA sequence analysis and hybridization with oligonucleotide probes. Water Science and Technology, 1998, 37, 469-473.	1.2	19
143	Characterization of filamentous foaming in activated sludge systems using oligonucleotide hybridization probes and antibody probes. Water Science and Technology, 1998, 37, 485-493.	1.2	38
144	Fabrication of culture-based biochips for detecting microorganisms in environmental samples. , 0, , .		0

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145	Culture-bases biochips for detecting nocardioforms in environmental samples. , 0, , .		0
146	Developing culture-based biochips for detecting microorganisms in wastewater treatment. , 0, , .		1
147	Culture-based microfluidic device for environmental monitoring. , 0, , .		0
148	Diplomacy Lab Provides Term-length Group Projects Integrating Policy Analysis and Liberal Arts into the Traditional Engineering Classroom. , 0, , .		3
149	Reducing Costs While Maintaining Learning Outcomes using Blended, Flipped, and Mastery Pedagogy to Teach Introduction to Environmental Engineering. , 0, , .		2
150	Using Nursing Theory to Improve the Teaching of Engineering Practice. , 0, , .		7
151	Leveraging the NAM's 'Getting Nurses on Boards Coalition' to Promote NAE's 'Changing the Conversation' Campaign. , 0, , .		2
152	Science, Technology, Engineering, Art, and Math (STEAM) Diplomacy: Preliminary Results from an Initial Pilot Course. , 0, , .		2
153	Introduction to Environmental Modeling: Results from a Three-Year Pilot. , 0, , .		4
154	Principles Of Biology In Environmental Engineering: Molecular Biology Based Identification Of Microorganisms. , 0, , .		0
155	Engineering Education Collaboration: Innovative Pedagogical Methods For High School And University Environmentalists. , 0, , .		0
156	Service Learning At Cincinnati: Researching Water Treatment For Emerging Economies. , 0, , .		0
157	Disseminating Molecular Biology For Environmental Engineers With Nsf Ccli Support. , 0, , .		0
158	Experience with Mastery Learning in Engineering Courses. , 0, , .		4
159	Nsf Ccli: Developing A Molecular Biology Lab Course In Environmental Engineering And Science. , 0, , .		0
160	Integrating Biological Principles In Environmental Engineering: Summary Results Of A Three Year Pilot Study. , 0, , .		1
161	Introduction to Public Health for Environmental Engineers: Results from a Three-year Pilot. , 0, , .		2