

Daniel B Oerther, Pe, Faan

List of Publications by Year in descending order

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161
papers

2,435
citations

331259

21
h-index

223531

46
g-index

162
all docs

162
docs citations

162
times ranked

2901
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative fecal metagenomics unveils unique functional capacity of the swine gut. <i>BMC Microbiology</i> , 2011, 11, 103.	1.3	352
2	Effect of permeate flux and tangential flow on membrane fouling for wastewater treatment. <i>Separation and Purification Technology</i> , 2005, 45, 68-78.	3.9	192
3	Influence of cross-flow velocity on membrane performance during filtration of biological suspension. <i>Journal of Membrane Science</i> , 2005, 248, 189-199.	4.1	164
4	Use of 16S rRNA Gene Terminal Restriction Fragment Analysis To Assess the Impact of Solids Retention Time on the Bacterial Diversity of Activated Sludge. <i>Applied and Environmental Microbiology</i> , 2005, 71, 5814-5822.	1.4	120
5	A Vista for Microbial Ecology and Environmental Biotechnology. <i>Environmental Science & Technology</i> , 2006, 40, 1096-1103.	4.6	118
6	Identifying pioneer bacterial species responsible for biofouling membrane bioreactors. <i>Environmental Microbiology</i> , 2006, 8, 433-440.	1.8	99
7	Bifidobacteria in Feces and Environmental Waters. <i>Applied and Environmental Microbiology</i> , 2008, 74, 575-584.	1.4	87
8	Monitoring Precursor 16S rRNAs of <i>Acinetobacter</i> spp. in Activated Sludge Wastewater Treatment Systems. <i>Applied and Environmental Microbiology</i> , 2000, 66, 2154-2165.	1.4	77
9	Assessment of fecal pollution sources in a small northern-plains watershed using PCR and phylogenetic analyses of Bacteroidetes 16S rRNA gene. <i>FEMS Microbiology Ecology</i> , 2007, 59, 651-660.	1.3	65
10	Membrane biofilm communities in full-scale membrane bioreactors are not randomly assembled and consist of a core microbiome. <i>Water Research</i> , 2017, 123, 124-133.	5.3	62
11	Quantifying filamentous microorganisms in activated sludge before, during, and after an incident of foaming by oligonucleotide probe hybridizations and antibody staining. <i>Water Research</i> , 2001, 35, 3325-3336.	5.3	55
12	Identifying Fecal Sources in a Selected Catchment Reach Using Multiple Source-Tracking Tools. <i>Journal of Environmental Quality</i> , 2007, 36, 718-729.	1.0	50
13	Evaluation of Swine-Specific PCR Assays Used for Fecal Source Tracking and Analysis of Molecular Diversity of Swine-Specific <i>œ</i> Bacteroidales <i>œ</i> Populations. <i>Applied and Environmental Microbiology</i> , 2009, 75, 5787-5796.	1.4	43
14	Elevated precursor 16S rRNA levels suggest the presence of growth inhibitors in wastewater. <i>Water Science and Technology</i> , 2003, 47, 241-250.	1.2	42
15	Bacterial Competition in Activated Sludge: Theoretical Analysis of Varying Solids Retention Times on Diversity. <i>Microbial Ecology</i> , 2004, 48, 274-284.	1.4	42
16	Diversity of Dominant Bacterial Taxa in Activated Sludge Promotes Functional Resistance following Toxic Shock Loading. <i>Microbial Ecology</i> , 2011, 61, 557-567.	1.4	40
17	Characterization of filamentous foaming in activated sludge systems using oligonucleotide hybridization probes and antibody probes. <i>Water Science and Technology</i> , 1998, 37, 485-493.	1.2	38
18	Effect of activated sludge properties and membrane operation conditions on fouling characteristics in membrane bioreactors. <i>Chemosphere</i> , 2006, 63, 1699-1708.	4.2	36

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19	Using microbial genomics to evaluate the effectiveness of silver to prevent biofilm formation. <i>Water Science and Technology</i> , 2007, 55, 413-419.	1.2	31
20	Microbiome and NAFLD: potential influence of aerobic fitness and lifestyle modification. <i>Physiological Genomics</i> , 2017, 49, 385-399.	1.0	31
21	Performance and Microbial Diversity of a Trickle-Bed Air Biofilter under Interchanging Contaminants. <i>Engineering in Life Sciences</i> , 2006, 6, 37-42.	2.0	30
22	Characterization of filamentous foaming in activated sludge systems using oligonucleotide hybridization probes and antibody probes. <i>Water Science and Technology</i> , 1998, 37, 485.	1.2	26
23	Association of aflatoxin exposure and height-for-age among young children in Guatemala. <i>International Journal of Environmental Health Research</i> , 2018, 28, 280-292.	1.3	24
24	Reverse Transcription of 16S rRNA To Monitor Ribosome-Synthesizing Bacterial Populations in the Environment. <i>Applied and Environmental Microbiology</i> , 2009, 75, 4589-4598.	1.4	22
25	Bioaugmentation of sequencing batch reactors for biological phosphorus removal: comparative rRNA sequence analysis and hybridization with oligonucleotide probes. <i>Water Science and Technology</i> , 1998, 37, 469-473.	1.2	19
26	Identification of <i>Naegleria fowleri</i> in Warm Ground Water Aquifers. <i>Journal of Environmental Quality</i> , 2010, 39, 147-153.	1.0	19
27	Development of a microfluidic biosensor for detection of environmental mycobacteria. <i>Sensors and Actuators B: Chemical</i> , 2007, 123, 614-621.	4.0	18
28	What causes childhood stunting among children of San Vicente, Guatemala: Employing complimentary, system-analysis approaches. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 391-399.	2.1	17
29	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
30	Simultaneous oligonucleotide probe hybridization and immunostaining for in situ detection of Gordona species in activated sludge. <i>FEMS Microbiology Ecology</i> , 1999, 29, 129-136.	1.3	16
31	Sustainable development & the year of the nurse & midwife “2020. <i>International Journal of Nursing Studies</i> , 2019, 94, A3-A4.	2.5	16
32	From interprofessional to convergence: Nurses educating V-shaped professionals. <i>Nurse Education in Practice</i> , 2021, 53, 103047.	1.0	16
33	No Really, (Crowd) Work is the Silver Bullet. <i>Procedia Engineering</i> , 2014, 78, 224-228.	1.2	14
34	Quantifying the impact of wastewater micronutrient composition on in situ growth activity of <i>Acinetobacter</i> spp.. <i>Water Science and Technology</i> , 2002, 46, 443-447.	1.2	13
35	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
36	The nurse+engineer as the prototype V-shaped professional. <i>Nursing Outlook</i> , 2022, 70, 280-291.	1.5	12

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37	Oligonucleotide probe hybridization and modeling results suggest that populations consuming readily degradable substrate have high cellular RNA levels. <i>Water Science and Technology</i> , 2002, 45, 115-126.	1.2	11
38	Microbial community development in a laboratory-scale nitrifying activated sludge system with input from a side-stream bioreactor treating digester supernatant. <i>Water Science and Technology</i> , 2006, 54, 209-216.	1.2	11
39	Interfacing phylogenetic oligonucleotide probe hybridizations with representations of microbial populations and specific growth rates in mathematical models of activated sludge processes. <i>Water Science and Technology</i> , 1999, 39, 11-20.	1.2	11
40	Bioaugmentation of sequencing batch reactors for biological phosphorus removal: Comparative rna sequence analysis and hybridization with oligonucleotide probes. <i>Water Science and Technology</i> , 1998, 37, 469.	1.2	10
41	Ecological engineering of bioaugmentation from side-stream nitrification. <i>Water Science and Technology</i> , 2008, 57, 1927-1933.	1.2	10
42	Environmental Health and Household Demographics Impacting Biosand Filter Maintenance and Diarrhea in Guatemala: An Application of Structural Equation Modeling. <i>Environmental Science & Technology</i> , 2013, 47, 130109072853002.	4.6	10
43	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
44	Risk Communication is Important for Environmental Engineering during COVID-19. <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, 01820002.	0.7	10
45	Utilizing structural equation modeling to correlate biosand filter performance and occurrence of diarrhea in the village of Enseado do Aritapera in Para, Brazil. <i>Water Science and Technology: Water Supply</i> , 2015, 15, 164-172.	1.0	9
46	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
47	Educating Heads, Hands, and Hearts in the COVID-19 Classroom. <i>Environmental Engineering Science</i> , 2020, 37, 303-303.	0.8	9
48	Paraffin surfaces for culture-based detection of mycobacteria in environmental samples. <i>Journal of Micromechanics and Microengineering</i> , 2005, 15, 270-276.	1.5	8
49	An ecology-based analysis of irreversible biofouling in membrane bioreactors. <i>Water Science and Technology</i> , 2007, 55, 395-402.	1.2	8
50	Molecular Diversity of Bacteroidales in Fecal and Environmental Samples and Swine-Associated Subpopulations. <i>Applied and Environmental Microbiology</i> , 2013, 79, 816-824.	1.4	8
51	Utilizing Mobile Health Technology at the Bottom of the Pyramid. <i>Procedia Engineering</i> , 2014, 78, 143-148.	1.2	8
52	Primary Factors Statistically Associated with Diarrheal Occurrences. <i>Environmental Engineering Science</i> , 2018, 35, 836-845.	0.8	8
53	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
54	Person-Centeredness Enhances Public Health Approaches to Combat COVID-19. <i>Journal of Environmental Engineering, ASCE</i> , 2021, 147, .	0.7	8

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55	Interfacing phylogenetic oligonucleotide probe hybridizations with representations of microbial populations and specific growth rates in mathematical models of activated sludge processes. <i>Water Science and Technology</i> , 1999, 39, 11.	1.2	7
56	Utilizing Structural Equation Modeling in the Development of a Standardized Intervention Assessment Tool. <i>Procedia Engineering</i> , 2014, 78, 218-223.	1.2	7
57	Pierre Bourdieu's Theory of Practice offers nurses a framework to uncover embodied knowledge of patients living with disabilities or illnesses: A discussion paper. <i>Journal of Advanced Nursing</i> , 2018, 74, 818-826.	1.5	7
58	Nightingale's legacy as a nurse theorist promotes healthful food systems. <i>Perspectives in Public Health</i> , 2020, 140, 141-143.	0.8	7
59	The Academy, the Association, and the Society Advancing Environmental Engineering Training and Credentialing. <i>Environmental Engineering Science</i> , 2021, 38, 923-926.	0.8	7
60	Using Nursing Theory to Improve the Teaching of Engineering Practice. , 0, , .		7
61	Environmental Engineering as Care for Human Welfare and Planetary Health. <i>Journal of Environmental Engineering, ASCE</i> , 2022, 148, .	0.7	7
62	The value of applying molecular biology tools in environmental engineering: Academic and industry perspective in the USA. <i>Reviews in Environmental Science and Biotechnology</i> , 2003, 2, 1-8.	3.9	6
63	Application of Membrane Bioreactors in the Preliminary Treatment of Early Planetary Base Wastewater for Long-Duration Space Missions. <i>Water Environment Research</i> , 2008, 80, 2209-2218.	1.3	6
64	Utilizing structural equation modeling as an evaluation tool for critical parameters of the biosand filter in a pilot study in Para, Brazil. <i>Water Science and Technology: Water Supply</i> , 2015, 15, 845-851.	1.0	6
65	From Disaster to Development: Finance Provides a Platform to Empower Technology for Resilience to Climate Change. <i>Procedia Engineering</i> , 2016, 159, 267-271.	1.2	6
66	An example of convergence: Guatemala Research on WaSH (GRoW). <i>Journal of Advanced Nursing</i> , 2019, 75, 2264-2266.	1.5	6
67	Think-Pair-Listen in the Online COVID-19 Classroom. <i>Environmental Engineering Science</i> , 2020, 37, 647-648.	0.8	6
68	Review of Recent Research about Parenting Generation Z Pre-Teen Children. <i>Western Journal of Nursing Research</i> , 2021, 43, 1073-1086.	0.6	6
69	Advancing global public health using science-for-diplomacy. <i>Perspectives in Public Health</i> , 2021, 141, 133-135.	0.8	6
70	Improved Health Diplomacy is Necessary for Resilience after COVID-19. <i>Journal of Environmental Engineering, ASCE</i> , 2021, 147, .	0.7	6
71	A Case Study of Community-Engaged Design: Creating Parametric Insurance to Meet the Safety Needs of Fisherfolk in the Caribbean. <i>Journal of Environmental Engineering, ASCE</i> , 2022, 148, .	0.7	6
72	Improving Interprofessional Environmental Health Education Using the Leave No One Behind Framework. <i>American Journal of Public Health</i> , 2022, 112, S250-S252.	1.5	6

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73	Developing rapid detection of mycobacteria using microwaves. <i>Analyst, The</i> , 2004, 129, 963.	1.7	5
74	Modelling the competition of planktonic and sessile aerobic heterotrophs for complementary nutrients in biofilm reactor. <i>Water Science and Technology</i> , 2007, 55, 227-235.	1.2	5
75	Respirometric evaluation of side-stream treatment of reject water as a source of nitrifying bacteria for main-stream activated sludge bioreactors. <i>Water Science and Technology</i> , 2009, 60, 2677-2684.	1.2	5
76	Environmental Hygiene for COVID-19: It's All About the Mask. <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, 01820004.	0.7	5
77	Using Modified Mastery Learning to Teach Sustainability and Life-Cycle Principles as Part of Modeling and Design. <i>Environmental Engineering Science</i> , 2022, 39, 784-795.	0.8	5
78	EXAMINING THE INITIATION OF BIOFOULING IN MEMBRANE BIOREACTORS TREATING PULP AND PAPER WASTEWATER. <i>Proceedings of the Water Environment Federation</i> , 2004, 2004, 717-730.	0.0	4
79	Dynamic Growth Rates of Microbial Populations in Activated Sludge Systems. <i>Journal of Environmental Engineering, ASCE</i> , 2005, 131, 1698-1705.	0.7	4
80	Culture-Based MEMS Device to Track <i>Gordonia</i> in Activated Sludge. <i>Environmental Science & Technology</i> , 2006, 40, 2269-2274.	4.6	4
81	Antimicrobial resistance needs to be combated at primary levels of prevention by nurses. <i>Nursing Open</i> , 2020, 7, 678-679.	1.1	4
82	Introduction to Environmental Modeling: Results from a Three-Year Pilot. , 0, , .		4
83	Humanitarian Technologists as Prototypical V-Shaped Professionals. , 2021, , .		4
84	Comparing oranges versus grapes as a metaphor of the nurse+engineer. <i>Journal of Clinical Nursing</i> , 2022, 31, .	1.4	4
85	Experience with Mastery Learning in Engineering Courses. , 0, , .		4
86	16S Ribosomal RNA Tools Identify an Unexpected Predominance of <i>Paenibacillus</i> -Like Bacteria in an Industrial Activated Sludge System Suffering from Poor Biosolids Separation. <i>Water Environment Research</i> , 2006, 78, 864-871.	1.3	3
87	Effect of Changing VOC Influent Composition on the Microbial Community Structure of TBABs. <i>Water, Air and Soil Pollution</i> , 2008, 8, 311-321.	0.8	3
88	Microbial Characterization of Drinking Water Systems Receiving Groundwater and Surface Water as the Primary Sources of Water. , 2008, , .		3
89	Measuring Multidimensional Poverty in a Complex Environment; Identifying the Sensitive Links. <i>Procedia Engineering</i> , 2015, 107, 172-180.	1.2	3
90	A population health perspective on America's opioid addiction. <i>Perspectives in Public Health</i> , 2019, 139, 184-185.	0.8	3

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91	Diplomacy Lab Provides Term-length Group Projects Integrating Policy Analysis and Liberal Arts into the Traditional Engineering Classroom. , 0, , .		3
92	Nurses must collaborate beyond the bedside in education and practice. Nurse Education in Practice, 2022, 59, 103280.	1.0	3
93	Complex Associations between Environmental Factors and Child Growth: Novel Mixed-Methods Approach. Journal of Environmental Engineering, ASCE, 2019, 145, 04019027.	0.7	2
94	Immigrant Women's Experiences as Mothers in the United States. MCN the American Journal of Maternal Child Nursing, 2020, 45, 6-16.	0.3	2
95	Leading change during the convergence of an epidemic and a pandemic. Journal of Advanced Nursing, 2020, 76, 3215-3217.	1.5	2
96	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
97	Reducing Costs While Maintaining Learning Outcomes using Blended, Flipped, and Mastery Pedagogy to Teach Introduction to Environmental Engineering. , 0, , .		2
98	Leveraging the NAM's 'Getting Nurses on Boards Coalition' to Promote NAE's 'Changing the Conversation' Campaign. , 0, , .		2
99	Science, Technology, Engineering, Art, and Math (STEAM) Diplomacy: Preliminary Results from an Initial Pilot Course. , 0, , .		2
100	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
101	Introduction to Public Health for Environmental Engineers: Results from a Three-year Pilot. , 0, , .		2
102	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
103	HOW MANY BACTERIA HAVE RIBOSOME GENESIS THAT IS SENSITIVE TO WASTEWATER?. Proceedings of the Water Environment Federation, 2002, 2002, 641-652.	0.0	1
104	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
105	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
106	Developing culture-based biochips for detecting microorganisms in wastewater treatment. , 0, , .		1
107	<I>PAENIBACILLUS</I>-LIKE SPP. AND SLUDGE BULKING. Proceedings of the Water Environment Federation, 2003, 2003, 750-758.	0.0	1
108	Evolving to Serve You Better. Water Environment Research, 2005, 77, 3-3.	1.3	1

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109	Biological Solutions. , 2005, , 127-141.		1
110	Integrating Molecular Biology Research, Teaching, and Professional Outreach in Environmental Engineering and Science. Environmental Engineering Science, 2006, 23, 451-460.	0.8	1
111	Anaerobic Treatment in the 21st Century. Water Environment Research, 2006, 78, 459-459.	1.3	1
112	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
113	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
114	Molecular diversity of drinking water microbial communities: a phylogenetic approach. Proceedings of the Water Environment Federation, 2007, 2007, 629-645.	0.0	1
115	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
116	The ethical challenges of antimicrobial resistance for Nurse practitioners. Nursing Open, 2020, 7, 904-906.	1.1	1
117	Culture-based biochip for environmental monitoring. , 2004, , .		1
118	Updating the Environmental Engineering Body of Knowledge. Journal of Environmental Engineering, ASCE, 2022, 148, .	0.7	1
119	Integrating Biological Principles In Environmental Engineering: Summary Results Of A Three Year Pilot Study. , 0, , .		1
120	Molecular Methods in Biological Systems. Water Environment Research, 2001, 73, 116-150.	1.3	0
121	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
122	Fabrication of culture-based biochips for detecting microorganisms in environmental samples. , 0, , .		0
123	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
124	Culture-bases biochips for detecting nocardioforms in environmental samples. , 0, , .		0
125	Molecular Methods in Biological Systems. Water Environment Research, 2002, 74, 71-105.	1.3	0
126	Culture-based microfluidic device for environmental monitoring. , 0, , .		0

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127	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
128	Molecular Methods in Biological Systems. Water Environment Research, 2003, 75, 65-139.	1.3	0
129	TRACKING IMPORTED NITRIFYING BIOMASS IN COLD SEQUENCING BATCH REACTORS USING FISH. Proceedings of the Water Environment Federation, 2004, 2004, 78-91.	0.0	0
130	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
131	USING ECOLOGY TO MITIGATE TOXIC SHOCK LOADS IN ACTIVATED SLUDGE. Proceedings of the Water Environment Federation, 2004, 2004, 725-738.	0.0	0
132	Molecular Methods in Biological Systems. Water Environment Research, 2004, 76, 605-667.	1.3	0
133	EXAMINING THE INITIATION OF BIOFOULING IN MEMBRANE BIOREACTORS TREATING PAPER WASTEWATER. Proceedings of the Water Environment Federation, 2005, 2005, 2147-2162.	0.0	0
134	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
135	Molecular Methods in Biological Systems. Water Environment Research, 2005, 77, 718-779.	1.3	0
136	Using Genomics to Understand Disinfection with Silver. Proceedings of the Water Environment Federation, 2006, 2006, 1285-1293.	0.0	0
137	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
138	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
139	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
140	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
141	AUTOTROPH-HETERTROPH INTERACTIONS IN ACTIVATED SLUDGE: BIOAUGMENTATION FROM SIDE-STREAM TREATMENT. Proceedings of the Water Environment Federation, 2007, 2007, 3043-3051.	0.0	0
142	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
143	THE BENEFIT OF AEROBIC METHANOL UPTAKE ON DENITRIFICATION CAPACITY. Proceedings of the Water Environment Federation, 2007, 2007, 3526-3555.	0.0	0
144	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

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145	Active Bacterial Diversity as Biomarker for Activated Sludge Inhibition by Chromium. Proceedings of the Water Environment Federation, 2010, 2010, 5650-5655.	0.0	0
146	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
147	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
148	Public Health Impact of Engineered Interventions in Rural Guatemala. Proceedings of the Water Environment Federation, 2010, 2010, 2141-2141.	0.0	0
149	Effect of SRT on Floc Biodiversity in Activated Sludge Model. Proceedings of the Water Environment Federation, 2011, 2011, 3245-3255.	0.0	0
150	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
151	PulaCloud: Human computation for economic development. , 2013, , .		0
152	Rapid Detection of Microorganisms Using Microwaves. , 2002, , 897-899.		0
153	Culture-Based Biochip for Rapid Detection of Environmental Mycobacteria. , 2006, , 299-323.		0
154	An Innovative Approach to Detecting Mycobacterium in Drinking Water Systems. , 2008, , .		0
155	Biodiversity Enhances Resistance of Activated Sludge to Toxic Shock Loads. Proceedings of the Water Environment Federation, 2009, 2009, 4022-4032.	0.0	0
156	Updating Guidance for Environmental Engineers. Journal - American Water Works Association, 2022, 114, 70-71.	0.2	0
157	Principles Of Biology In Environmental Engineering: Molecular Biology Based Identification Of Microorganisms. , 0, , .		0
158	Engineering Education Collaboration: Innovative Pedagogical Methods For High School And University Environmentalists. , 0, , .		0
159	Service Learning At Cincinnati: Researching Water Treatment For Emerging Economies. , 0, , .		0
160	Disseminating Molecular Biology For Environmental Engineers With Nsf Ccli Support. , 0, , .		0
161	Nsf Ccli: Developing A Molecular Biology Lab Course In Environmental Engineering And Science. , 0, , .		0