

# Pascal Elias Saikaly

## List of Publications by Year in descending order

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123  
papers

6,671  
citations

61857

43  
h-index

66788

78  
g-index

129  
all docs

129  
docs citations

129  
times ranked

6378  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electroactive microorganisms in bioelectrochemical systems. <i>Nature Reviews Microbiology</i> , 2019, 17, 307-319.	13.6	890
2	Assessment of Microbial Fuel Cell Configurations and Power Densities. <i>Environmental Science and Technology Letters</i> , 2015, 2, 206-214.	3.9	423
3	Microbial electrosynthesis from CO <sub>2</sub> : Challenges, opportunities and perspectives in the context of circular bioeconomy. <i>Bioresource Technology</i> , 2020, 302, 122863.	4.8	188
4	A Novel Anaerobic Electrochemical Membrane Bioreactor (AnEMBR) with Conductive Hollow-fiber Membrane for Treatment of Low-Organic Strength Solutions. <i>Environmental Science &amp; Technology</i> , 2014, 48, 12833-12841.	4.6	183
5	Microbial Community Composition Is Unaffected by Anode Potential. <i>Environmental Science &amp; Technology</i> , 2014, 48, 1352-1358.	4.6	171
6	Extracellular electron transfer-dependent anaerobic oxidation of ammonium by anammox bacteria. <i>Nature Communications</i> , 2020, 11, 2058.	5.8	168
7	Do biological-based strategies hold promise to biofouling control in MBRs?. <i>Water Research</i> , 2013, 47, 5447-5463.	5.3	146
8	A Hybrid Microbial Fuel Cell Membrane Bioreactor with a Conductive Ultrafiltration Membrane Biocathode for Wastewater Treatment. <i>Environmental Science &amp; Technology</i> , 2013, 47, 11821-11828.	4.6	142
9	Wastewater treatment, energy recovery and desalination using a forward osmosis membrane in an air-cathode microbial osmotic fuel cell. <i>Journal of Membrane Science</i> , 2013, 428, 116-122.	4.1	131
10	Dissolved Organic Carbon Influences Microbial Community Composition and Diversity in Managed Aquifer Recharge Systems. <i>Applied and Environmental Microbiology</i> , 2012, 78, 6819-6828.	1.4	128
11	Porous Hollow Fiber Nickel Electrodes for Effective Supply and Reduction of Carbon Dioxide to Methane through Microbial Electrosynthesis. <i>Advanced Functional Materials</i> , 2018, 28, 1804860.	7.8	122
12	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
13	Microbial Community Composition and Ultrastructure of Granules from a Full-Scale Anammox Reactor. <i>Microbial Ecology</i> , 2015, 70, 118-131.	1.4	115
14	Combining flow cytometry and 16S rRNA gene pyrosequencing: A promising approach for drinking water monitoring and characterization. <i>Water Research</i> , 2014, 63, 179-189.	5.3	111
15	Dynamics of bacterial communities before and after distribution in a full-scale drinking water network. <i>Water Research</i> , 2015, 74, 180-190.	5.3	109
16	The impact of new cathode materials relative to baseline performance of microbial fuel cells all with the same architecture and solution chemistry. <i>Energy and Environmental Science</i> , 2017, 10, 1025-1033.	15.6	105
17	Graphene-Coated Hollow Fiber Membrane as the Cathode in Anaerobic Electrochemical Membrane Bioreactors – Effect of Configuration and Applied Voltage on Performance and Membrane Fouling. <i>Environmental Science &amp; Technology</i> , 2016, 50, 4439-4447.	4.6	100
18	Dual-Function Electrocatalytic and Macroporous Hollow-Fiber Cathode for Converting Waste Streams to Valuable Resources Using Microbial Electrochemical Systems. <i>Advanced Materials</i> , 2018, 30, e1707072.	11.1	100

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19	Porous nickel hollow fiber cathodes coated with CNTs for efficient microbial electrosynthesis of acetate from CO <sub>2</sub> using <i>Sporomusa ovata</i> . <i>Journal of Materials Chemistry A</i> , 2018, 6, 17201-17211.	5.2	100
20	Aggregation ability of three phylogenetically distant anammox bacterial species. <i>Water Research</i> , 2018, 143, 10-18.	5.3	96
21	Importance of Species Sorting and Immigration on the Bacterial Assembly of Different-Sized Aggregates in a Full-Scale Aerobic Granular Sludge Plant. <i>Environmental Science &amp; Technology</i> , 2019, 53, 8291-8301.	4.6	93
22	Vastly Enhanced BiVO <sub>4</sub> Photocatalytic OER Performance by NiCoO <sub>2</sub> as Cocatalyst. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700540.	1.9	92
23	The role of microbial electrolysis cell in urban wastewater treatment: integration options, challenges, and prospects. <i>Current Opinion in Biotechnology</i> , 2019, 57, 101-110.	3.3	92
24	Microbial community evolution during simulated managed aquifer recharge in response to different biodegradable dissolved organic carbon (BDOC) concentrations. <i>Water Research</i> , 2013, 47, 2421-2430.	5.3	87
25	Bacterial community structure and variation in a full-scale seawater desalination plant for drinking water production. <i>Water Research</i> , 2016, 94, 62-72.	5.3	86
26	Characterization of bacterial and archaeal communities in air-cathode microbial fuel cells, open circuit and sealed-off reactors. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 9885-9895.	1.7	84
27	Mixing effect on thermophilic anaerobic digestion of source-sorted organic fraction of municipal solid waste. <i>Bioresource Technology</i> , 2012, 117, 63-71.	4.8	82
28	Reactor performance in terms of COD and nitrogen removal and bacterial community structure of a three-stage rotating bioelectrochemical contactor. <i>Water Research</i> , 2013, 47, 881-894.	5.3	82
29	Evaluation of Electrode and Solution Area-Based Resistances Enables Quantitative Comparisons of Factors Impacting Microbial Fuel Cell Performance. <i>Environmental Science &amp; Technology</i> , 2019, 53, 3977-3986.	4.6	79
30	Impact of Ohmic Resistance on Measured Electrode Potentials and Maximum Power Production in Microbial Fuel Cells. <i>Environmental Science &amp; Technology</i> , 2018, 52, 8977-8985.	4.6	73
31	Selenite Reduction by Anaerobic Microbial Aggregates: Microbial Community Structure, and Proteins Associated to the Produced Selenium Spheres. <i>Frontiers in Microbiology</i> , 2016, 7, 571.	1.5	63
32	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
33	Gradual adaptation to salt and dissolved oxygen: Strategies to minimize adverse effect of salinity on aerobic granular sludge. <i>Water Research</i> , 2017, 124, 702-712.	5.3	60
34	Pilot scale microbial fuel cells using air cathodes for producing electricity while treating wastewater. <i>Water Research</i> , 2022, 215, 118208.	5.3	60
35	Addition of a carbon fiber brush improves anaerobic digestion compared to external voltage application. <i>Water Research</i> , 2021, 188, 116575.	5.3	58
36	Assessment of the performance of SMFCs in the bioremediation of PAHs in contaminated marine sediments under different redox conditions and analysis of the associated microbial communities. <i>Science of the Total Environment</i> , 2017, 575, 1453-1461.	3.9	57

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37	Multiple paths of electron flow to current in microbial electrolysis cells fed with low and high concentrations of propionate. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 5999-6011.	1.7	56
38	NMR and MALDI-TOF MS based characterization of exopolysaccharides in anaerobic microbial aggregates from full-scale reactors. <i>Scientific Reports</i> , 2015, 5, 14316.	1.6	55
39	Set anode potentials affect the electron fluxes and microbial community structure in propionate-fed microbial electrolysis cells. <i>Scientific Reports</i> , 2016, 6, 38690.	1.6	54
40	Development of Quantitative Real-Time PCR Assays for Detection and Quantification of Surrogate Biological Warfare Agents in Building Debris and Leachate. <i>Applied and Environmental Microbiology</i> , 2007, 73, 6557-6565.	1.4	49
41	Effects of selenium oxyanions on the white-rot fungus <i>Phanerochaete chrysosporium</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 2405-2418.	1.7	47
42	Membrane biofouling in a wastewater nitrification reactor: Microbial succession from autotrophic colonization to heterotrophic domination. <i>Water Research</i> , 2016, 88, 337-345.	5.3	47
43	Bioinspired Synthesis of Reduced Graphene Oxide-Wrapped <i>Geobacter sulfurreducens</i> as a Hybrid Electrocatalyst for Efficient Oxygen Evolution Reaction. <i>Chemistry of Materials</i> , 2019, 31, 3686-3693.	3.2	47
44	Metatranscriptomics reveals the molecular mechanism of large granule formation in granular anammox reactor. <i>Scientific Reports</i> , 2016, 6, 28327.	1.6	46
45	Electricity generation and microbial community structure of air-cathode microbial fuel cells powered with the organic fraction of municipal solid waste and inoculated with different seeds. <i>Biomass and Bioenergy</i> , 2014, 67, 24-31.	2.9	45
46	Enrichment of extremophilic exoelectrogens in microbial electrolysis cells using Red Sea brine pools as inocula. <i>Bioresource Technology</i> , 2017, 239, 82-86.	4.8	43
47	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
48	Temporal changes in extracellular polymeric substances on hydrophobic and hydrophilic membrane surfaces in a submerged membrane bioreactor. <i>Water Research</i> , 2016, 95, 27-38.	5.3	41
49	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
50	Impact of SRT on the performance of MBRs for the treatment of high strength landfill leachate. <i>Waste Management</i> , 2018, 73, 165-180.	3.7	40
51	Application of an enrichment culture of the marine anammox bacterium <i>Ca. Scalindua</i> sp. AMX11 for nitrogen removal under moderate salinity and in the presence of organic carbon. <i>Water Research</i> , 2020, 170, 115345.	5.3	38
52	Comparative Genome-Centric Analysis of Freshwater and Marine ANAMMOX Cultures Suggests Functional Redundancy in Nitrogen Removal Processes. <i>Frontiers in Microbiology</i> , 2020, 11, 1637.	1.5	37
53	Electroactive biofilms on surface functionalized anodes: The anode respiring behavior of a novel electroactive bacterium, <i>Desulfuromonas acetexigens</i> . <i>Water Research</i> , 2020, 185, 116284.	5.3	36
54	Anaerobic bioleaching of metals from waste activated sludge. <i>Science of the Total Environment</i> , 2015, 514, 60-67.	3.9	35

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55	A Microfiltration Polymer-Based Hollow-Fiber Cathode as a Promising Advanced Material for Simultaneous Recovery of Energy and Water. <i>Advanced Materials</i> , 2016, 28, 9504-9511.	11.1	35
56	Impact of Distribution and Network Flushing on the Drinking Water Microbiome. <i>Frontiers in Microbiology</i> , 2018, 9, 2205.	1.5	35
57	Enhanced water desalination efficiency in an air-cathode stacked microbial electrodeionization cell (SMEDIC). <i>Journal of Membrane Science</i> , 2014, 469, 364-370.	4.1	34
58	Attenuation of trace organic compounds (TOrcs) in bioelectrochemical systems. <i>Water Research</i> , 2015, 73, 56-67.	5.3	34
59	A two-staged system to generate electricity in microbial fuel cells using methane. <i>Chemical Engineering Journal</i> , 2018, 352, 262-267.	6.6	31
60	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
61	Critical variables in the performance of a productivity-enhanced solar still. <i>Solar Energy</i> , 2013, 98, 472-484.	2.9	30
62	Efficient solar-to-acetate conversion from CO <sub>2</sub> through microbial electrosynthesis coupled with stable photoanode. <i>Applied Energy</i> , 2020, 278, 115684.	5.1	30
63	Resistance assessment of microbial electrosynthesis for biochemical production to changes in delivery methods and CO <sub>2</sub> flow rates. <i>Bioresource Technology</i> , 2021, 319, 124177.	4.8	30
64	Startup and Stability of Thermophilic Anaerobic Digestion of OFMSW. <i>Critical Reviews in Environmental Science and Technology</i> , 2013, 43, 2685-2721.	6.6	29
65	Draft Genome Sequence of the Anaerobic Ammonium-Oxidizing Bacterium <i>Candidatus</i> Brocadia sp. 40. <i>Genome Announcements</i> , 2016, 4, .	0.8	28
66	Temporal Microbial Community Dynamics in Microbial Electrolysis Cells – Influence of Acetate and Propionate Concentration. <i>Frontiers in Microbiology</i> , 2017, 8, 1371.	1.5	27
67	Enrichment of <i>Marinobacter</i> sp. and Halophilic Homoacetogens at the Biocathode of Microbial Electrosynthesis System Inoculated With Red Sea Brine Pool. <i>Frontiers in Microbiology</i> , 2019, 10, 2563.	1.5	24
68	Performance optimization and validation of ADM1 simulations under anaerobic thermophilic conditions. <i>Bioresource Technology</i> , 2014, 174, 243-255.	4.8	23
69	Copper current collectors reduce long-term fouling of air cathodes in microbial fuel cells. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 513-519.	1.2	22
70	Correlation between system performance and bacterial composition under varied mixing intensity in thermophilic anaerobic digestion of food waste. <i>Journal of Environmental Management</i> , 2018, 206, 472-481.	3.8	22
71	Leaching and accumulation of trace elements in sulfate reducing granular sludge under concomitant thermophilic and low pH conditions. <i>Bioresource Technology</i> , 2012, 126, 238-246.	4.8	21
72	The combined effect of step-feed and recycling on RBC performance. <i>Water Research</i> , 2004, 38, 3009-3016.	5.3	20

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73	Effect of specific cathode surface area on biofouling in an anaerobic electrochemical membrane bioreactor: Novel insights using high-speed video camera. <i>Journal of Membrane Science</i> , 2019, 577, 176-183.	4.1	20
74	Critical evaluation of solid waste sample processing for DNA-based microbial community analysis. <i>Biodegradation</i> , 2011, 22, 189-204.	1.5	19
75	Improving the stability of thermophilic anaerobic digesters treating SS-OFMSW through enrichment with compost and leachate seeds. <i>Bioresource Technology</i> , 2013, 131, 53-59.	4.8	19
76	High denitrification and anaerobic ammonium oxidation contributes to net nitrogen loss in a seagrass ecosystem in the central Red Sea. <i>Biogeosciences</i> , 2018, 15, 7333-7346.	1.3	19
77	Evidence of Spatial Homogeneity in an Electromethanogenic Cathodic Microbial Community. <i>Frontiers in Microbiology</i> , 2019, 10, 1747.	1.5	19
78	Continuous Flow Microbial Flow Cell with an Anion Exchange Membrane for Treating Low Conductivity and Poorly Buffered Wastewater. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2946-2954.	3.2	19
79	Physicochemical Properties of Extracellular Polymeric Substances Produced by Three Bacterial Isolates From Biofouled Reverse Osmosis Membranes. <i>Frontiers in Microbiology</i> , 2021, 12, 668761.	1.5	19
80	The impact of different types of high surface area brush fibers with different electrical conductivity and biocompatibility on the rates of methane generation in anaerobic digestion. <i>Science of the Total Environment</i> , 2021, 787, 147683.	3.9	19
81	Continuous extraction and concentration of secreted metabolites from engineered microbes using membrane technology. <i>Green Chemistry</i> , 2022, 24, 5479-5489.	4.6	18
82	Enrichment of salt-tolerant CO <sub>2</sub> -fixing communities in microbial electrosynthesis systems using porous ceramic hollow tube wrapped with carbon cloth as cathode and for CO <sub>2</sub> supply. <i>Science of the Total Environment</i> , 2021, 766, 142668.	3.9	17
83	A propidium monoazide-quantitative PCR method for the detection and quantification of viable <i>Enterococcus faecalis</i> in large-volume samples of marine waters. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 8707-8718.	1.7	16
84	Diversity and dynamics of dominant and rare bacterial taxa in replicate sequencing batch reactors operated under different solids retention time. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 2361-2370.	1.7	16
85	Competition of two highly specialized and efficient acetoclastic electroactive bacteria for acetate in biofilm anode of microbial electrolysis cell. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 47.	2.9	16
86	High-rate microbial electrosynthesis using a zero-gap flow cell and vapor-fed anode design. <i>Water Research</i> , 2022, 219, 118597.	5.3	16
87	Simultaneous nitrogen and organics removal using membrane aeration and effluent ultrafiltration in an anaerobic fluidized membrane bioreactor. <i>Bioresource Technology</i> , 2017, 244, 456-462.	4.8	15
88	Electrochemically active polymeric hollow fibers based on poly(ether-b-amide)/carbon nanotubes. <i>Journal of Membrane Science</i> , 2018, 545, 323-328.	4.1	15
89	Population dynamics during startup of thermophilic anaerobic digesters: The mixing factor. <i>Waste Management</i> , 2013, 33, 2211-2218.	3.7	14
90	Effects of set cathode potentials on microbial electrosynthesis system performance and biocathode methanogen function at a metatranscriptional level. <i>Scientific Reports</i> , 2020, 10, 19824.	1.6	13

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91	Seawater desalination based drinking water: Microbial characterization during distribution with and without residual chlorine. <i>Water Research</i> , 2022, 210, 117975.	5.3	13
92	Synthesis of an amorphous <i>Geobacter</i> -manganese oxide biohybrid as an efficient water oxidation catalyst. <i>Green Chemistry</i> , 2020, 22, 5610-5618.	4.6	11
93	Harnessing the Extracellular Electron Transfer Capability of <i>Geobacter sulfurreducens</i> for Ambient Synthesis of Stable Bifunctional Single-Atom Electrocatalyst for Water Splitting. <i>Advanced Functional Materials</i> , 2021, 31, 2010916.	7.8	11
94	Ecological engineering of bioaugmentation from side-stream nitrification. <i>Water Science and Technology</i> , 2008, 57, 1927-1933.	1.2	10
95	Draft Genome Sequence of <i>Desulfuromonas acetexigens</i> Strain 2873, a Novel Anode-Respiring Bacterium. <i>Genome Announcements</i> , 2017, 5, .	0.8	10
96	Effect of Salt on the Metabolism of <i>Candidatus Accumulibacter</i> ™ Clade I and II. <i>Frontiers in Microbiology</i> , 2018, 9, 479.	1.5	10
97	Characterization of the microbial community diversity and composition of the coast of Lebanon: Potential for petroleum oil biodegradation. <i>Marine Pollution Bulletin</i> , 2019, 149, 110508.	2.3	10
98	Relative Importance of Stochastic Assembly Process of Membrane Biofilm Increased as Biofilm Aged. <i>Frontiers in Microbiology</i> , 2021, 12, 708531.	1.5	10
99	Ammonia Nitrogen Removal in Step-Feed Rotating Biological Contactors. <i>Water, Air, and Soil Pollution</i> , 2003, 150, 177-191.	1.1	9
100	Microbial Electrodeionization Cell Stack for Sustainable Desalination, Wastewater Treatment and Energy Recovery. <i>Proceedings of the Water Environment Federation</i> , 2013, 2013, 222-227.	0.0	9
101	An aerated and fluidized bed membrane bioreactor for effective wastewater treatment with low membrane fouling. <i>Environmental Science: Water Research and Technology</i> , 2016, 2, 994-1003.	1.2	9
102	Eukaryotic community diversity and spatial variation during drinking water production (by seawater) <i>Water Research</i> , 2017, 3, 92-105.	1.2	9
103	Draft Genome Sequence of a Novel Marine Anaerobic Ammonium-Oxidizing Bacterium, <i>Candidatus Scalindua</i> sp. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	8
104	Response to Comment on Microbial Community Composition Is Unaffected by Anode Potential. <i>Environmental Science &amp; Technology</i> , 2014, 48, 14853-14854.	4.6	7
105	Long-Term Continuous Extraction of Medium-Chain Carboxylates by Pertraction With Submerged Hollow-Fiber Membranes. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 726946.	2.0	7
106	Coupling anaerobic fluidized membrane bioreactors with microbial electrolysis cells towards improved wastewater reuse and energy recovery. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105974.	3.3	7
107	Hollow-fiber membrane bioreactor for the treatment of high-strength landfill leachate. <i>Waste Management and Research</i> , 2013, 31, 1041-1051.	2.2	6
108	Impact of acclimation methods on microbial communities and performance of anaerobic fluidized bed membrane bioreactors. <i>Environmental Science: Water Research and Technology</i> , 2016, 2, 1041-1048.	1.2	6

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109	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
110	Comparison of Single-Stage and Two-Stage Thermophilic Anaerobic Digestion of SS-OFMSW During the Start-Up Phase. <i>Waste and Biomass Valorization</i> , 2020, 11, 6709-6716.	1.8	5
111	Impact of Step-Feed on COD and BOD5 Removal in Rotating Biological Contactors. <i>Environmental Engineering Science</i> , 2004, 21, 558-568.	0.8	4
112	Dynamic Growth Rates of Microbial Populations in Activated Sludge Systems. <i>Journal of Environmental Engineering, ASCE</i> , 2005, 131, 1698-1705.	0.7	4
113	Transport Behavior of Surrogate Biological Warfare Agents in a Simulated Landfill: Effect of Leachate Recirculation and Water Infiltration. <i>Environmental Science &amp; Technology</i> , 2010, 44, 8622-8628.	4.6	4
114	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
115	Performance of thermophilic anaerobic digesters using inoculum mixes with enhanced methanogenic diversity. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 207-214.	1.6	3
116	Evaluation of DNA extraction yield from a chlorinated drinking water distribution system. <i>PLoS ONE</i> , 2021, 16, e0253799.	1.1	3
117	Draft Genome Sequence of Methanobacterium sp. Strain 34x, Reconstructed from an Enriched Electromethanogenic Biocathode. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	2
118	A NOVEL MODEL OF ACTIVATED SLUDGE USING MONOD KINETICS TO DESCRIBE THE COMPETITION OF MICROBIAL POPULATIONS ON GROWTH LIMITING SUBSTRATE. <i>Proceedings of the Water Environment Federation</i> , 2002, 2002, 90-101.	0.0	0
119	Modeling Bacterial Diversity in Activated Sludge System Using Trade-Off-Based Resource Competition Model. <i>Proceedings of the Water Environment Federation</i> , 2010, 2010, 5656-5663.	0.0	0
120	Effect of SRT on Floc Biodiversity in Activated Sludge Model. <i>Proceedings of the Water Environment Federation</i> , 2011, 2011, 3245-3255.	0.0	0
121	Photoanodes: Vastly Enhanced BiVO <sub>4</sub> Photocatalytic OER Performance by NiCoO <sub>2</sub> as Cocatalyst (Adv. Mater. Interfaces 19/2017). <i>Advanced Materials Interfaces</i> , 2017, 4, .	1.9	0
122	Electrochemical Energy Storage: Harnessing the Extracellular Electron Transfer Capability of <i>Geobacter sulfurreducens</i> for Ambient Synthesis of Stable Bifunctional Single-Atom Electrocatalyst for Water Splitting (Adv. Funct. Mater. 22/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170161.	7.8	0
123	Biodiversity Enhances Resistance of Activated Sludge to Toxic Shock Loads. <i>Proceedings of the Water Environment Federation</i> , 2009, 2009, 4022-4032.	0.0	0