

Umer Zeeshan Ijaz

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

143
papers

4,110
citations

28
h-index

62
g-index

191
ext. papers

6,025
ext. citations

5.7
avg, IF

5.58
L-index

#	Paper	IF	Citations
143	DOP68 CD-TREAT diet induces remission and improves quality of life in an open label trial in children and adults with active Crohn's Disease. <i>Journal of Crohns and Colitis</i> , 2022 , 16, i112-i112	1.5	0
142	The faecal metabolome and mycobiome in Parkinson's disease.. <i>Parkinsonism and Related Disorders</i> , 2022 , 95, 65-69	3.6	1
141	Microbiomes in drinking water treatment and distribution: A meta-analysis from source to tap.. <i>Water Research</i> , 2022 , 212, 118106	12.5	0
140	Potential nitrification activity reflects ammonia oxidizing bacteria but not archaea activity across a soil-sediment gradient. <i>Estuarine, Coastal and Shelf Science</i> , 2022 , 264, 107666	2.9	0
139	Machine Learning Approach to Predict Quality Parameters for Bacterial Consortium-Treated Hospital Wastewater and Phytotoxicity Assessment on Radish, Cauliflower, Hot Pepper, Rice and Wheat Crops. <i>Water (Switzerland)</i> , 2022 , 14, 116	3	0
138	Microbial community assembly and dynamics in Granular, Fixed-Biofilm and planktonic microbiomes valorizing Long-Chain fatty acids at 20°C. <i>Bioresource Technology</i> , 2022 , 343, 126098	11	1
137	Biofilm carrier type affects biogenic sulfur-driven denitrification performance and microbial community dynamics in moving-bed biofilm reactors. <i>Chemosphere</i> , 2022 , 287, 131975	8.4	3
136	Deploying an Gut Model to Assay the Impact of the Mannan-Oligosaccharide Prebiotic Bio-Mos on the Atlantic Salmon () Gut Microbiome.. <i>Microbiology Spectrum</i> , 2022 , e0195321	8.9	
135	Drivers of ecological assembly in the hindgut of Atlantic Cod fed a macroalgal supplemented diet.. <i>Npj Biofilms and Microbiomes</i> , 2022 , 8, 36	8.2	
134	A Distinct, Flocculent, Acidogenic Microbial Community Accompanies Methanogenic Granules in Anaerobic Digesters. <i>Microbiology Spectrum</i> , 2021 , e0078421	8.9	0
133	Enrichment of the hydrogenotrophic methanogens for, in-situ biogas up-gradation by recirculation of gases and supply of hydrogen in methanogenic reactor. <i>Bioresource Technology</i> , 2021 , 126219	11	2
132	Putative Antimicrobial Peptides Within Bacterial Proteomes Affect Bacterial Predominance: A Network Analysis Perspective. <i>Frontiers in Microbiology</i> , 2021 , 12, 752674	5.7	0
131	Dietary triggers of gut inflammation following exclusive enteral nutrition in children with Crohn's disease: a pilot study. <i>BMC Gastroenterology</i> , 2021 , 21, 454	3	0
130	MdaB and NfrA, two novel reductases important in the survival and persistence of the major enteropathogen. <i>Journal of Bacteriology</i> , 2021 , JB0042121	3.5	0
129	The mannose receptor (CD206) identifies a population of colonic macrophages in health and inflammatory bowel disease. <i>Scientific Reports</i> , 2021 , 11, 19616	4.9	2
128	Nonlinear machine learning pattern recognition and bacteria-metabolite multilayer network analysis of perturbed gastric microbiome. <i>Nature Communications</i> , 2021 , 12, 1926	17.4	7
127	Methanogenic granule growth and development is a continual process characterized by distinct morphological features. <i>Journal of Environmental Management</i> , 2021 , 286, 112229	7.9	2

126	DOP66 The effect of exclusive enteral nutrition on circulating inflammatory protein levels in paediatric patients with Crohn's Disease. <i>Journal of Crohns and Colitis</i> , 2021 , 15, S100-S101	1.5	
125	Combined Stochastic and Deterministic Processes Drive Community Assembly of Anaerobic Microbiomes During Granule Flotation. <i>Frontiers in Microbiology</i> , 2021 , 12, 666584	5.7	8
124	DOP27 The fibre fermentative capacity of the gut microbiota is diminished in children with Crohn's Disease and it is independent of disease activity or treatment with exclusive enteral nutrition. <i>Journal of Crohns and Colitis</i> , 2021 , 15, S065-S066	1.5	
123	Socioeconomic position links circulatory microbiota differences with biological age. <i>Scientific Reports</i> , 2021 , 11, 12629	4.9	3
122	Carboxylic acids production and electrosynthetic microbial community evolution under different CO feeding regimens. <i>Bioelectrochemistry</i> , 2021 , 137, 107686	5.6	10
121	Inter-kingdom relationships in Crohn's disease explored using a multi-omics approach. <i>Gut Microbes</i> , 2021 , 13, 1930871	8.8	2
120	Temporal changes in the gut microbiota in farmed Atlantic cod (<i>Gadus morhua</i>) outweigh the response to diet supplementation with macroalgae. <i>Animal Microbiome</i> , 2021 , 3, 7	4.1	5
119	SalmoSim: the development of a three-compartment in vitro simulator of the Atlantic salmon GI tract and associated microbial communities. <i>Microbiome</i> , 2021 , 9, 179	16.6	2
118	The Impact of Enriched Resistant Starch Type-2 Cookies on the Gut Microbiome in Hemodialysis Patients: A Randomized Controlled Trial. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2100374	5.9	3
117	Genome erosion and evidence for an intracellular niche - exploring the biology of mycoplasmas in Atlantic salmon. <i>Aquaculture</i> , 2021 , 541, 736772	4.4	7
116	Response and oil degradation activities of a northeast Atlantic bacterial community to biogenic and synthetic surfactants. <i>Microbiome</i> , 2021 , 9, 191	16.6	4
115	Exploration of marine bacterioplankton community assembly mechanisms during chemical dispersant and surfactant-assisted oil biodegradation. <i>Ecology and Evolution</i> , 2021 , 11, 13862-13874	2.8	3
114	First proof of concept for full-scale, direct, low-temperature anaerobic treatment of municipal wastewater. <i>Bioresource Technology</i> , 2021 , 341, 125786	11	2
113	Alopecia areata is characterized by dysregulation in systemic type 17 and type 2 cytokines, which may contribute to disease-associated psychological morbidity. <i>British Journal of Dermatology</i> , 2020 , 182, 130-137	4	24
112	P014 Identification of Crohn's disease immunopathotypes. <i>Journal of Crohns and Colitis</i> , 2020 , 14, S137-S137	1.5	
111	Growth and Break-Up of Methanogenic Granules Suggests Mechanisms for Biofilm and Community Development. <i>Frontiers in Microbiology</i> , 2020 , 11, 1126	5.7	9
110	Disinfection exhibits systematic impacts on the drinking water microbiome. <i>Microbiome</i> , 2020 , 8, 42	16.6	19
109	P050 Analysis of 61 exclusive enteral nutrition formulas used for induction of remission in Crohn's disease: new insights on dietary disease triggers. <i>Journal of Crohns and Colitis</i> , 2020 , 14, S157-S158	1.5	

108	Community recovery dynamics in yellow perch microbiome after gradual and constant metallic perturbations. <i>Microbiome</i> , 2020 , 8, 14	16.6	12
107	Analysis of 61 exclusive enteral nutrition formulas used in the management of active Crohn's disease-new insights into dietary disease triggers. <i>Alimentary Pharmacology and Therapeutics</i> , 2020 , 51, 935-947	6.1	23
106	Neutral Processes Dominate Microbial Community Assembly in Atlantic Salmon,. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	28
105	Long solids retention times and attached growth phase favor prevalence of comammox bacteria in nitrogen removal systems. <i>Water Research</i> , 2020 , 169, 115268	12.5	39
104	Bile salt metabolism is not the only factor contributing to () disease severity in the murine model of disease. <i>Gut Microbes</i> , 2020 , 11, 481-496	8.8	5
103	Alterations in Intestinal Microbiota of Children With Celiac Disease at the Time of Diagnosis and on a Gluten-free Diet. <i>Gastroenterology</i> , 2020 , 159, 2039-2051.e20	13.3	25
102	Size Shapes the Active Microbiome of Methanogenic Granules, Corroborating a Biofilm Life Cycle. <i>MSystems</i> , 2020 , 5,	7.6	3
101	P091 Dietary triggers of colonic inflammation following treatment with exclusive enteral nutrition in children with Crohn's disease. <i>Journal of Crohns and Colitis</i> , 2020 , 14, S180-S181	1.5	
100	Dietary Strategies for Maintenance of Clinical Remission in Inflammatory Bowel Diseases: Are We There Yet?. <i>Nutrients</i> , 2020 , 12,	6.7	11
99	Feral populations of along Atlantic coasts in western Europe. <i>Ecology and Evolution</i> , 2020 , 10, 11810-11828		3
98	Differential prevalence and host-association of antimicrobial resistance traits in disinfected and non-disinfected drinking water systems. <i>Science of the Total Environment</i> , 2020 , 749, 141451	10.2	10
97	Impact of industrial production system parameters on chicken microbiomes: mechanisms to improve performance and reduce Campylobacter. <i>Microbiome</i> , 2020 , 8, 128	16.6	13
96	Propionate Production by Bioelectrochemically-Assisted Lactate Fermentation and Simultaneous CO Recycling. <i>Frontiers in Microbiology</i> , 2020 , 11, 599438	5.7	0
95	In vitro and in vivo characterisation of <i>Listeria monocytogenes</i> outbreak isolates. <i>Food Control</i> , 2020 , 107, 106784	6.2	13
94	Reverse transcriptase enzyme and priming strategy affect quantification and diversity of environmental transcripts. <i>Environmental Microbiology</i> , 2020 , 22, 2383-2402	5.2	2
93	A Longitudinal Study of the Human Oropharynx Microbiota Over Time Reveals a Common Core and Significant Variations With Self-Reported Disease. <i>Frontiers in Microbiology</i> , 2020 , 11, 573969	5.7	3
92	Inflammation associated ethanolamine facilitates infection by Crohn's disease-linked adherent-invasive <i>Escherichia coli</i> . <i>EBioMedicine</i> , 2019 , 43, 325-332	8.8	24
91	Treatment of Active Crohn's Disease With an Ordinary Food-based Diet That Replicates Exclusive Enteral Nutrition. <i>Gastroenterology</i> , 2019 , 156, 1354-1367.e6	13.3	120

90	A Role for Tetracycline Selection in Recent Evolution of Agriculture-Associated PCR Ribotype 078. <i>MBio</i> , 2019 , 10,	7.8	32
89	P842 Multi-omics analysis suggests an active role of fungi in Crohn's disease. <i>Journal of Crohns and Colitis</i> , 2019 , 13, S545-S545	1.5	0
88	Systems biology approach to elucidation of contaminant biodegradation in complex samples - integration of high-resolution analytical and molecular tools. <i>Faraday Discussions</i> , 2019 , 218, 481-504	3.6	4
87	P602 CD-TREAT a novel dietary therapy of active Crohn's disease using the exclusive enteral nutrition paradigm. <i>Journal of Crohns and Colitis</i> , 2019 , 13, S416-S417	1.5	
86	Molecular Diagnosis of Vaginitis: Comparing Quantitative PCR and Microbiome Profiling Approaches to Current Microscopy Scoring. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	6
85	The reduction of faecal calprotectin during exclusive enteral nutrition is lost rapidly after food re-introduction. <i>Alimentary Pharmacology and Therapeutics</i> , 2019 , 50, 664-674	6.1	19
84	The potential of sedimentary ancient DNA for reconstructing past sea ice evolution. <i>ISME Journal</i> , 2019 , 13, 2566-2577	11.9	14
83	DNA extraction and amplicon production strategies deeply influence the outcome of gut mycobiome studies. <i>Scientific Reports</i> , 2019 , 9, 9328	4.9	21
82	Next-Generation Sequencing to Identify Lacustrine Haptophytes in the Canadian Prairies: Significance for Temperature Proxy Applications. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019 , 124, 2144-2158	3.7	6
81	Reply. <i>Gastroenterology</i> , 2019 , 157, 1161-1162	13.3	
80	Solar Septic Tank: Next Generation Sequencing Reveals Effluent Microbial Community Composition as a Useful Index of System Performance. <i>Water (Switzerland)</i> , 2019 , 11, 2660	3	8
79	MULTI-OMICS APPROACHES TO UNDERSTAND GASTRIC MUCOSA-ASSOCIATED LYMPHOID TISSUE (MALT) LYMPHOMA. <i>Hematological Oncology</i> , 2019 , 37, 339-340	1.3	
78	Differential ratio amplicons (R) for the evaluation of RNA integrity extracted from complex environmental samples. <i>Environmental Microbiology</i> , 2019 , 21, 827-844	5.2	8
77	Effect of Laser Irradiation on Cell Function and Its Implications in Raman Spectroscopy. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	26
76	Linking Microbial Community Structure and Function During the Acidified Anaerobic Digestion of Grass. <i>Frontiers in Microbiology</i> , 2018 , 9, 540	5.7	24
75	P856 The gut microbiota composition and metabolic activity of HLA-B27 transgenic rats with gut inflammation resembles the dysbiotic characteristics of human inflammatory bowel disease. <i>Journal of Crohns and Colitis</i> , 2018 , 12, S549-S550	1.5	
74	16S rRNA sequencing reveals likely beneficial core microbes within faecal samples of the EU protected slug <i>Geomalacus maculosus</i> . <i>Scientific Reports</i> , 2018 , 8, 10402	4.9	5
73	The active microbial community more accurately reflects the anaerobic digestion process: 16S rRNA (gene) sequencing as a predictive tool. <i>Microbiome</i> , 2018 , 6, 63	16.6	78

72	An automated identification and analysis of ontological terms in gastrointestinal diseases and nutrition-related literature provides useful insights. <i>PeerJ</i> , 2018 , 6, e5047	3.1	1
71	P858 Crohn's disease is characterised by a fungal dysbiosis. <i>Journal of Crohns and Colitis</i> , 2018 , 12, S550-S551		
70	Comparison of Clinical Methods With the Faecal Gluten Immunogenic Peptide to Assess Gluten Intake in Coeliac Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018 , 67, 356-360	2.8	34
69	NanoAmpli-Seq: a workflow for amplicon sequencing for mixed microbial communities on the nanopore sequencing platform. <i>GigaScience</i> , 2018 , 7,	7.6	53
68	Terminal restriction fragment length polymorphism is an "old school" reliable technique for swift microbial community screening in anaerobic digestion. <i>Scientific Reports</i> , 2018 , 8, 16818	4.9	28
67	Comprehensive Longitudinal Microbiome Analysis of the Chicken Cecum Reveals a Shift From Competitive to Environmental Drivers and a Window of Opportunity for. <i>Frontiers in Microbiology</i> , 2018 , 9, 2452	5.7	30
66	Biokinetics of microbial consortia using biogenic sulfur as a novel electron donor for sustainable denitrification. <i>Bioresource Technology</i> , 2018 , 270, 359-367	11	42
65	Fecal Enterobacteriales enrichment is associated with increased <i>in vivo</i> intestinal permeability in humans. <i>Physiological Reports</i> , 2018 , 6, e13649	2.6	19
64	Cold adaptation and replicable microbial community development during long-term low-temperature anaerobic digestion treatment of synthetic sewage. <i>FEMS Microbiology Ecology</i> , 2018 , 94,	4.3	18
63	Linking Statistical and Ecological Theory: Hubbell's Unified Neutral Theory of Biodiversity as a Hierarchical Dirichlet Process. <i>Proceedings of the IEEE</i> , 2017 , 105, 516-529	14.3	36
62	Effects of bio-based residue amendments on greenhouse gas emission from agricultural soil are stronger than effects of soil type with different microbial community composition. <i>GCB Bioenergy</i> , 2017 , 9, 1707-1720	5.6	22
61	Microbial community redundancy in anaerobic digestion drives process recovery after salinity exposure. <i>Water Research</i> , 2017 , 111, 109-117	12.5	61
60	The distinct features of microbial 'dysbiosis' of Crohn's disease do not occur to the same extent in their unaffected, genetically-linked kindred. <i>PLoS ONE</i> , 2017 , 12, e0172605	3.7	19
59	Bacterial community analysis in upflow multilayer anaerobic reactor treating high-solids organic wastes. <i>Biotechnology Progress</i> , 2017 , 33, 1226-1234	2.8	
58	Letter: reproducible evidence shows that exclusive enteral nutrition significantly reduces faecal calprotectin concentrations in children with active Crohn's disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2017 , 46, 1119-1120	6.1	9
57	IL-17 signalling restructures the nasal microbiome and drives dynamic changes following <i>Streptococcus pneumoniae</i> colonization. <i>BMC Genomics</i> , 2017 , 18, 807	4.5	8
56	Bioreactor Scalability: Laboratory-Scale Bioreactor Design Influences Performance, Ecology, and Community Physiology in Expanded Granular Sludge Bed Bioreactors. <i>Frontiers in Microbiology</i> , 2017 , 8, 664	5.7	30
55	Comparison of the human gastric microbiota in hypochlorhydric states arising as a result of <i>Helicobacter pylori</i> -induced atrophic gastritis, autoimmune atrophic gastritis and proton pump inhibitor use. <i>PLoS Pathogens</i> , 2017 , 13, e1006653	7.6	104

54	Extending SEQenv: a taxa-centric approach to environmental annotations of 16S rDNA sequences. <i>PeerJ</i> , 2017 , 5, e3827	3.1	2
53	The effect of DNA extraction methodology on gut microbiota research applications. <i>BMC Research Notes</i> , 2016 , 9, 365	2.3	45
52	Assessment of the influence of intrinsic environmental and geographical factors on the bacterial ecology of pit latrines. <i>Microbial Biotechnology</i> , 2016 , 9, 209-23	6.3	41
51	Illumina error profiles: resolving fine-scale variation in metagenomic sequencing data. <i>BMC Bioinformatics</i> , 2016 , 17, 125	3.6	208
50	A comprehensive benchmarking study of protocols and sequencing platforms for 16S rRNA community profiling. <i>BMC Genomics</i> , 2016 , 17, 55	4.5	237
49	Optimized R functions for analysis of ecological community data using the R virtual laboratory (RvLab). <i>Biodiversity Data Journal</i> , 2016 , e8357	1.8	10
48	Seqenv: linking sequences to environments through text mining. <i>PeerJ</i> , 2016 , 4, e2690	3.1	18
47	Host-microbiome interactions in human type 2 diabetes following prebiotic fibre (galacto-oligosaccharide) intake. <i>British Journal of Nutrition</i> , 2016 , 116, 1869-1877	3.6	62
46	Emerging investigators series: microbial communities in full-scale drinking water distribution systems – a meta-analysis. <i>Environmental Science: Water Research and Technology</i> , 2016 , 2, 631-644	4.2	58
45	Metagenomic Evidence for the Presence of Comammox Nitrospira-Like Bacteria in a Drinking Water System. <i>MSphere</i> , 2016 , 1,	5	146
44	Response to Kaakoush et al. <i>American Journal of Gastroenterology</i> , 2016 , 111, 1033-4	0.7	
43	Metabarcoding and metabolome analyses of copepod grazing reveal feeding preference and linkage to metabolite classes in dynamic microbial plankton communities. <i>Molecular Ecology</i> , 2016 , 25, 5585-5602	5.7	25
42	The skin microbiome in psoriatic arthritis: methodology development and pilot data. <i>Lancet, The</i> , 2015 , 385 Suppl 1, S27	4.0	6
41	Metagenomic Sequencing Unravels Gene Fragments with Phylogenetic Signatures of O ₂ -Tolerant NiFe Membrane-Bound Hydrogenases in Lacustrine Sediment. <i>Current Microbiology</i> , 2015 , 71, 296-302	2.4	1
40	Bacterial diversity along a 2600 km river continuum. <i>Environmental Microbiology</i> , 2015 , 17, 4994-5007	5.2	180
39	Insight into biases and sequencing errors for amplicon sequencing with the Illumina MiSeq platform. <i>Nucleic Acids Research</i> , 2015 , 43, e37	20.1	461
38	Extensive Modulation of the Fecal Metagenome in Children With Crohn's Disease During Exclusive Enteral Nutrition. <i>American Journal of Gastroenterology</i> , 2015 , 110, 1718-29; quiz 1730	0.7	169
37	Binning metagenomic contigs by coverage and composition. <i>Nature Methods</i> , 2014 , 11, 1144-6	21.6	872

36	O-05: Metagenomic analysis of the gut microbiome during a course of Exclusive Enteral Nutrition (EEN) provides novel insights on mechanism of EEN action. <i>Journal of Crohns and Colitis</i> , 2014 , 8, S393-S394	1.5	4
35	Multidirectional Scattering Models for 3-Dimensional Ultrasound Imaging. <i>Journal of Ultrasound in Medicine</i> , 2013 , 32, 699-714	2.9	
34	Multidirectional Scattering Models for 3-Dimensional Ultrasound Imaging 2013 , 32, 699		2
33	Multidirectional scattering models for 3-dimensional ultrasound imaging. <i>Journal of Ultrasound in Medicine</i> , 2013 , 32, 699-714	2.9	
32	A clinical system for three-dimensional extended-field-of-view ultrasound. <i>British Journal of Radiology</i> , 2012 , 85, e919-24	3.4	6
31	Particle Swarm Optimization for In Vivo 3D Ultrasound Volume Registration. <i>Acoustical Imaging</i> , 2011 , 345-354		
30	A Study of Similarity Measures for In Vivo 3D Ultrasound Volume Registration. <i>Acoustical Imaging</i> , 2011 , 315-323		1
29	Optimization strategies for ultrasound volume registration. <i>Measurement Science and Technology</i> , 2010 , 21, 085803	2	4
28	Three-dimensional ultrasound imaging. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2010 , 224, 193-223	1.7	89
27	Phase boundary estimation in electrical impedance tomography using the Hooke and Jeeves pattern search method. <i>Measurement Science and Technology</i> , 2010 , 21, 035501	2	11
26	Unscented Kalman filter approach to tracking a moving interfacial boundary in sedimentation processes using three-dimensional electrical impedance tomography. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009 , 367, 3095-120	3	23
25	Directional Algebraic Reconstruction Technique for Electrical Impedance Tomography. <i>Journal of the Korean Physical Society</i> , 2009 , 54, 1439-1447	0.6	4
24	Electrical resistance imaging of a time-varying interface in stratified flows using an unscented Kalman filter. <i>Measurement Science and Technology</i> , 2008 , 19, 065501	2	14
23	Nonstationary phase boundary estimation in electrical impedance tomography using unscented Kalman filter. <i>Journal of Computational Physics</i> , 2008 , 227, 7089-7112	4.1	30
22	Concentration distribution estimation of fluid through electrical impedance tomography based on interacting multiple model scheme. <i>Flow Measurement and Instrumentation</i> , 2007 , 18, 47-56	2.2	12
21	Estimation of time-dependent heat flux and measurement bias in two-dimensional inverse heat conduction problems. <i>International Journal of Heat and Mass Transfer</i> , 2007 , 50, 4117-4130	4.9	35
20	Electrical Resistance Imaging of Two-Phase Flow Through Rod Bundles. <i>AIP Conference Proceedings</i> , 2007 ,	0	1
19	Particle Swarm Optimization Technique For Elliptic Region Boundary Estimation In Electrical Impedance Tomography. <i>AIP Conference Proceedings</i> , 2007 ,	0	7

18	Nonstationary phase boundary estimation in electrical impedance tomography based on the interacting multiple model scheme. <i>Measurement Science and Technology</i> , 2007 , 18, 62-70	2	19
17	Moving interfacial boundary estimation in stratified flow of two immiscible liquids using electrical resistance tomography. <i>Measurement Science and Technology</i> , 2007 , 18, 1257-1269	2	23
16	Sensitivity map generation in electrical capacitance tomography using mixed normalization models. <i>Measurement Science and Technology</i> , 2007 , 18, 2092-2102	2	31
15	Phase boundary estimation in electrical resistance tomography with weighted multi-layered neural networks and front point approach. <i>Measurement Science and Technology</i> , 2006 , 17, 2731-2739	2	7
14	Nondestructive Dynamic Process Monitoring Using Electrical Capacitance Tomography. <i>Key Engineering Materials</i> , 2006 , 321-323, 1671-1674	0.4	1
13	Policy-Based Management in Ad hoc Networks Using Geographic Routing. <i>Lecture Notes in Computer Science</i> , 2006 , 237-246	0.9	
12	NanoAmpli-Seq: A workflow for amplicon sequencing for mixed microbial communities on the nanopore sequencing platform		1
11	Reverse transcriptase enzyme and priming strategy affect quantification and diversity of environmental transcripts		1
10	Unpicking the mysterious symbiosis of Mycoplasma in salmonids		2
9	Development of a three-compartment in vitro simulator of the Atlantic Salmon GI tract and associated microbial communities: SalmoSim		1
8	Response and oil degradation activities of a northeast Atlantic bacterial community to biogenic and synthetic surfactants		1
7	Circular Economy of Anaerobic Biofilm Microbiomes: A Meta-Analysis Framework for Re-exploration of Amplicon Sequencing Data		1
6	A role for tetracycline selection in the evolution of Clostridium difficile PCR-ribotype 078		6
5	Comprehensive longitudinal microbiome analysis of the chicken cecum reveals a shift from competitive to environmental drivers and a window of opportunity for Campylobacter		2
4	Diversity Converges During Community Assembly In Methanogenic Granules, Suggesting A Biofilm Life-Cycle		4
3	De Novo Growth of Methanogenic Granules Indicates a Biofilm Life-Cycle with Complex Ecology		1
2	Disinfectant residuals in drinking water systems select for mycobacterial populations with intrinsic antimicrobial resistance		3
1	Disinfection exhibits systematic impacts on the drinking water microbiome		3

