

## Poster Presentations

### Stage 1

#### Monday

09:45 - 10:30	Poster 1 - 14
12:00 - 13:30	Poster 15 - 43
15:00 - 15:30	Poster 44 - 52
17:00 - 17:15	Poster 53 - 57

#### Tuesday

09:45 - 10:30	Poster 58 - 71
12:00 - 13:30	Poster 72 - 100
15:00 - 15:30	Poster 100 - 109
17:00 - 17:15	Poster 110 - 113

#### Wednesday

09:45 - 10:30	Poster 114 - 129
12:00 - 13:30	Poster 130 - 159
15:00 - 15:30	Poster 160 - 169
17:00 - 17:15	Poster 170 - 174

#### Thursday

09:45 - 10:30	Poster 175 - 189
12:00 - 13:30	Poster 190 - 219

Track 1: Cities, Utilities & Industries Leading Change

Track 2: Water & Wastewater Processes & Treatments

Track 3: Re-charting the Course of Water Resources

Track 4: Enabling Progress

Track 5: Water Quality, Safety & Human Health

### Stage 2

#### Monday

09:45 - 10:30	Poster 220 - 234
12:00 - 13:30	Poster 235 - 264
15:00 - 15:30	Poster 265 - 274
17:00 - 17:15	Poster 275 - 279

#### Tuesday

09:45 - 10:30	Poster 280 - 292
12:00 - 13:30	Poster 293 - 327
15:00 - 15:30	Poster 328 - 337
17:00 - 17:15	Poster 338 - 341

#### Wednesday

09:45 - 10:30	Poster 342 - 356
12:00 - 13:30	Poster 357 - 386
15:00 - 15:30	Poster 387 - 396
17:00 - 17:15	Poster 397 - 410

#### Thursday

09:45 - 10:30	Poster 411 - 422
12:00 - 13:30	Poster 423 - 439

## Poster Presentations

Each author introduces the poster in a three minute long pitch. Poster sessions are grouped by thematic track, with two simultaneous sessions taking place in two stages in the Hall 1 Concourse and the Great Hall Concourse (Foyer Level).

## Poster Awards

Explore the Hall 1 Concourse and the Great Hall Concourse (Foyer Level), download the digital version of each poster through the mobile App and digital proceedings. Follow the instruction in the voting card available in your satchel. The votes between Monday and Wednesday will define which are the best posters. The winners will be awarded during the plenary session on Thursday afternoon.

## Poster Presentations

1	3259332	AU	Singapore's Deep Tunnel Sewerage Scheme Phase 2 - Planning And Preliminary Design <i>James Currie</i> Black & Veatch
2	3261405	IR	A New Model For Short-Term Water Demand Forecasting (Case Study: Water Distribution System Of Tehran City) <i>Ali Dolatshahi-Zand</i> NWW
3	3261414	HK	Sustainable Energy Management In Hong Kong's Water Supply System <i>Tai On Lee</i> Water Supplies Department, HKSAR
4	3262176	BR	Removal Of Pharmaceuticals From Waters By Means Of Chlorine Oxidation <i>Marcelo Libanio</i> Federal University of Minas Gerais
5	3262525	JP	From "Safe, Better-tasting Tap Water Project" To "Tokyo Waterworks Innovation Project", for Further Evolution And Promotion <i>Yasuhiro Kojima</i> Tokyo Waterworks Bureau
6	3265890	CN	Promoted Discoloration Of Methyl Orange In Fe(III)/H2O2 Fenton System: Effects Of Gallic Acid On Iron Cycling <i>Huiyu Dong</i> Chinese Academy of Sciences
7	3266093	CN	Sorption And Biodegradation Of Sulfamethoxazole By Sulfate-reducing Bacteria Activated Sludge In Anaerobic Wastewater Treatment <i>Hui Lu</i> Sun Yat-Sen University
8	3266161	KR	Assessment Of PAH Risk By Potential Contamination Of A Drinking Water Source By The Rim Fire <i>Yongju Choi</i> Seoul National University
9	3266420	AU	Macro Asset Criticality - How To Assess Thousands Of Assets In A Few Weeks? <i>Zoubir Ait Mansour</i> SUEZ
10	3266434	AU	Operationalising Sustainable Development Goals For Water Management <i>Tony Wong</i> Cooperative Research Centre for Water Sensitive Cities
11	3266455	JP	Study Of The Pipeline Renewal Priorities Based On The Deterioration And Structure Of The Water Distribution Network <i>Kunizane Takaharu</i> Tokyo Metropolitan University
12	3266457	CN	Effects Of Nitrogen And Organic Carbon Sources On Regulation Of Lipid Accumulation Of <i>Chlorella Pyrenoidosa</i> <i>Wenyan Liang</i> Beijing Forestry University
13	3266574	CN	Physical Properties Of Anaerobic Sludge Granules As Hydrogels In A Synchronous Started-up Anaerobic Baffled Reactor <i>Yili Wang</i> Beijing Forestry University
14	3267121	NG	Simulation Model In Markovian Decision Theory In Allocation Optimization In Multi-purpose And Multi- Objective NRBD <i>Luke Eme</i> Chukwuemeka Odumegwu Ojukwu University
15	3267148	NG	Simulation Modeling In Markovian Decision Theory In Conjointly Managed Competitive Multi -- Purpose A/IRBEDS, Nigeria <i>Luke Eme</i> Chukwuemeka Odumegwu Ojukwu University
16	3268482	DK	Establishing Best Practice Methods For Climate Adaptation Project Design And Implementation In Urban Areas <i>Michael Tengnagel</i> Ramboll
17	3268984	AU	How To Leverage Existing Systems To Transform A Traditional Network Into An Intelligent Water Network <i>Ranga Fernando</i> Yarra Valley Water
18	3268991	JP	Occurrence Of Muddy Odor In Clean Upper River Due To Benthic Cyanobacteria: - Occurrence And Behavior In River <i>Shinichi Kimura</i> Bureau of Waterworks, Tokyo Metropolitan Government
19	3268995	AU	Towards Practical Implementation Of In-situ Electrochemical Generation Of Iron And Caustic For Sulfide Control In Sewers <i>Ije Pikaar</i> Advanced Water Management Centre, The University of Queensland
20	3269021	AU	Adaptation Pathways For Maintaining Ecological Objectives Of Urban Wetlands In A Drying Climate <i>Amar Nanda</i> The University of Western Australia
21	3269027	KR	Comparison Of TOC Based Refractory Ratio Of Swine Manure With Traditional Index <i>Seong-Wook Oa</i> Woosong University
22	3269033	NL	The Green Village: Water Infrastructure In An Innovation Pilot, Water Out, Shit In <i>Peter van Thienen</i> KWR Watercycle Research Institute / Wageningen University
23	3269133	JP	Sewerage To Support The Attraction Of Tokyo -Its Contributions And Vision <i>Yui Saito</i> Tokyo Metropolitan Government
24	3269187	JP	Characteristics Of Biofilm Of Anaerobic Fluidized Bed Reactor Using Activated Carbon Carrier <i>Junta Takahashi</i> Swing Corporation
25	3269223	PL	Aeration Performance Of Vortex Flow Regulators: Pilot Scale Experiments <i>Patryk Wójciszewski</i> Wrocław University of Technology
26	3269265	KR	Estimation Of Markov Deterioration Hazard Model For Water Pipeline Systems Using Bayesian Inference <i>Hwisu Shin</i> University of Seoul
27	3269277	JP	A Study Of The Anti-Corrosion Effects Of Intermittent Electric Current By Electrolytic Corrosion Prevention Equipment <i>Yuichiro Tsuyuki</i> Yokohama Waterworks Bureau
28	3269466	CN	Determination Of Trace Trimethylamine In Ambient Air By Headspace-Gas Chromatography <i>Dezhi Sun</i> Beijing Forestry University
29	3269538	CN	Degradation Of Sulfamethoxazole In Aqueous Solution By G-C3N4 Under Visible Irradiation <i>Jiayu Tian</i> Harbin Institute of Technology
30	3269569	FI	Customer- And Citizen-Oriented Water Services As Part Of Utility Core Activities <i>Tapio Katko</i> Tampere University of Technology
31	3269588	CN	The Successful NRW Reduction Experience In Dongjiang Water Utility <i>Lu Yuchen</i> SZWG Shenzhen Water Group co. Ltd
32	3269589	IR	The Effect Of Square Pore Alteration On Mesh Efficiency Of Standard Fog Collector <i>Zahra Elmi</i> Sistan and Baluchestan Water and Waste Water Company
33	3269727	AU	Managing Abnormal Peaks In Wastewater Loads In Treatment Plant Influent Using Biological Process Capability Assessment <i>Raju Mangalam</i> Sydney Water Corporation
34	3269728	AU	Technological And Community Water Efficiency Strategies For Addressing Water-energy Demand In Remote Australian Towns <i>Cara Beal</i> Griffith University
35	3269732	AU	Investigation Of Cohort Properties For Australian Cast Iron Water Mains <i>Rui Jiang</i> Monash University
36	3269740	KR	The Waterless Portable Private Toilet (WPPT): An Innovative Sanitation Solution In Disaster Zones <i>Mooyoung Han</i> Seoul National University
37	3269776	AU	Trading For A Better Future Of Moreton Bay: QUU's Nutrient Emission Abatement Roadmaps <i>Elaine Pang</i> Arup
38	3269781	JP	Towards The Sustainable Waterworks Facilities For The National Capital Of Japan <i>Makoto Kakinuma</i> Bureau of Waterworks, Tokyo Metropolitan Government
40	3269805	AU	Australian Water Consumer Outlook: Summary And Insights <i>Daniel Lambert</i> Arup
41	3269835	AU	Demand Management: The Dollars And Sense <i>Daniel Lambert</i> Arup
42	3269841	AU	Risk Based Management Of A Critical Steel Main <i>Roberto Mascarenhas</i> Queensland Urban Utilities
43	3269846	AU	Adsorption Of Pb2+ Ions From Aqueous Solutions By Biochar Derived From Date Seed Biomass <i>Zainab Mahdi</i> Griffith University
44	3269852	AU	Aerobic Biodegradation And Sunlight-induced Photodegradation Of Micropollutants In Wastewater Effluents <i>Yufei Wang</i> RMIT University
45	3269868	AU	Burgeoning Brisbane: Post-flood Planning And The Tensions With Multi-residential Development. <i>Samuel Bowstead</i> The University of Queensland
46	3269887	JP	Reduction Of Gas Consumption In Sludge Incinerators <i>Shuhei Awakawa</i> Tokyo Metropolitan Sewerage Service Corporation
47	3269897	AU	Novel application of fluorescence measurement for optimized algal monitoring <i>Sara Imran Khan</i> UNSW

# Addressing the global water challenge

## through innovation, education and engagement

The University of Queensland understands the water challenges facing our planet. Scientific discovery, technological innovation, strategic research partnerships, and practical policy application are creating a more sustainable future for us all.

Our expertise is represented across four themes:

- Water for productive economies
- Water for cities
- Water for the environment
- Water-resilient communities

Learn more at [gci.uq.edu.au/sustainable-water-researchers](http://gci.uq.edu.au/sustainable-water-researchers)

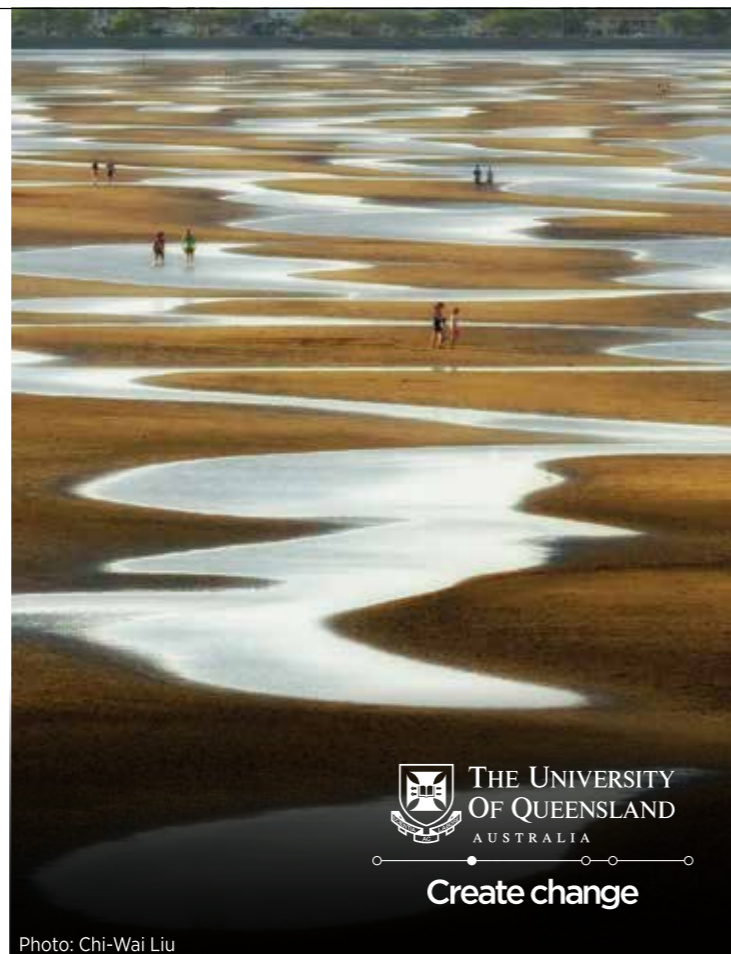


Photo: Chi-Wai Liu



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48	3269921	NL	Optimal Design Of A Real-life Drinking Water Transport Network Blueprint Using Gondwana <i>Peter van Thienen</i> KWR Watercycle Research Institute
49	3269976	ES	A New Methodology To Measure Resilience In Water Supply Systems <i>Francisco Cubillo</i> Canal de Isabel II Gestión
50	3269980	IR	Indicators Of Quality Control In Bacteriological Laboratory Drinking Water <i>Mahboubeh Kalateh</i> Rural Water and Wastewater Company of Khorasan Razavi
51	3270004	AU	Lessons Learnt From Laboratory Pipe Burst Tests <i>Jayantha Kodikara</i> Monash University
52	3270080	CN	Applying SUSTAIN To Evaluate The Runoff Control Effect Of LID Practices In A Residential Region <i>Tao Chen</i> Beijing University of Civil Engineering and Architecture
53	3270089	JP	Development Of An Internal Drop-Pipe Device For Combined Sewer Systems <i>Yukihiro Ishikawa</i> Tokyo Metropolitan Sewerage Service Corporation
54	3270101	JP	Development Of "Siphon-Culvert Survey And Cleaning Apparatus" For Planned Maintenance <i>Tatsuya Amano</i> Tokyo Metropolitan Sewerage Service Corporation
55	3270102	IT	Microalgal Based Treatment Of Digested Agro Wastes - Lab And Pilot-scale Experiments <i>Francesca Marazzi</i> Università degli Studi di Milano Bicocca
56	3270118	JP	Development And Verification Of New Pressure-Relief Device Strengthened The Function Of Anticorrosive/Deodorizing <i>Naokata Uemura</i> Tokyo Metropolitan Sewerage Service Corporation
57	3270398	CN	Spatial Distribution, Risk Assessment And Potential Sources Of 25 VOCs In Water In Aksu Region, China <i>Jin Luo</i> Tsinghua University
58	3270399	JP	Research On The Application Of Flush Gate To Sewage Pipelines <i>Kazuya Yamada</i> Japan Institute of Wastewater Engineering and Technology
59	3270403	AU	Floating Finsbury: A Costed Case Study For Amphibious Construction In Brisbane <i>Samuel Bowstead</i> James Davidson Architect
60	3270433	CN	The Adsorption Behavior And Mechanism Of Pb(II) Removal By Extracellular Polymeric Substances From Klebsiella Sp. J1 <i>Ang Li</i> Harbin Institute of Technology
61	3270573	AU	Control The Hydrogen Sulphide Emission In Sewer By Combination Of Slight PH Adjustment And Lower Iron Salt With The Minimum Dosage <i>Arumugam Sathasivan</i> Western Sydney University
62	3270598	SG	Field Monitoring Of The Performance Of A Modular Bioretention Tree System In A Tropical Climate <i>Jiangyong Hu</i> National University of Singapore
63	3270632	AU	How Effective Is Water Price Signalling In Remote Australian Indigenous Communities? A Novel Charging Trial <i>Nadine Riethmuller</i> Power and Water Corporation
64	3270659	ES	A Reliable Model Of Residual Useful Life For Distribution Assets <i>Patricia Gomez</i> Canal de Isabel II Gestión
65	3270766	KR	Development Of Treatment System Of First Flush Effect For Urban Area Using Underground Settling And Filtration System <i>Dongil Seo</i> Chungnam National University
66	3270782	BE	The Use Of Alternative Physical Water Treatment Devices For The Prevention Of Scale Build-up In An Industrial Freshwater <i>Boudewijn Meessaert</i> KULeuven
67	3270801	JP	Year-round Operation Result Of A Full-scale On-site Hydrogen Refuelling Station From Sewage Sludge Digestion Gas <i>Ryo Matsumoto</i> National Institute for Land and Infrastructure Management
68	3270812	KR	Development Of Integrated Management System For Efficient Operation Of First Flush Treatment System For Urban River <i>Dongil Seo</i> Chungnam National University
69	3270905	CN	Effects Of Combined UV And Chlorine Treatment On The Chloroform Formation From Triclosan <i>Weiwei Ben</i> Chinese Academy of Sciences
70	3270962	AU	Developing Shared Visions And Strategies: Participatory Processes To Guide Water Sensitive City Transitions <i>Briony Rogers</i> Cooperative Research Centre for Water Sensitive Cities, Monash University
71	3270987	DE	Optimization Of The Pipe Section Reactor Based On The Computational Fluid Dynamics Analysis <i>Pei Hua</i> Institute of Urban Water Management, TUD
72	3270993	UK	Collaborative Innovation In The Water Sector: Approaches And Advantages <i>Vanessa Speight</i> University of Sheffield
73	3271012	CN	A Model For Predicting Transformation Of Pollutant In Sewer System <i>Pengkang Jin</i> Xi'an University of Architecture and Technology
74	3271844	FR	Long Term Non Revenue Water And Network Management <i>Didier Carron</i> Naldeo
75	3273026	FR	Technical Intelligence: A New IT Concept For Driving Efficiency Of A Water Service <i>Didier Carron</i> Naldeo
76	3273069	NL	Adaptation Mainstreaming To Save Money For Achieving Flood Resilience In Cities <i>Jeroen Rijke</i> UNESCO-IHE
77	3273354	KE	Treatment Of Dairy Industrial Effluents Macharia L.N. <i>Lucy Macharia</i> Nairobi Water and Sewerage Company
78	3273597	UK	Numerical Model Development For Variably Saturated Constructed Wetland System For Urban Stormwater Treatment <i>Akintunde Babatunde</i> Cardiff University
79	3273617	PT	"The Emergence Of The Water Supply System Efficiency. The Situation In Portugal And The Opinion Of The Portuguese Municipalities" <i>Octavio Almeida</i> Open University - Lisbon - Portugal
80	3273636	AU	Visuals That Engage People With Water Sensitive Cities <i>Tracy Schultz</i> University of Queensland/CRC for Water Sensitive Cities
81	3273652	UK	Influence Of Key Design And Operational Variables On Pollutant Removal In Experimental Stormwater Constructed Wetlands <i>Akintunde Babatunde</i> Cardiff University
82	3273686	JP	Duplexing And Networking Of Pipelines To Prepare For Risk <i>Kazuhisa Fujikawa</i> Bureau of Waterworks, Tokyo Metropolitan Government
83	3273761	CN	Spatial Distribution, Risk Assessment And Potential Sources Of 25 VOCs In Water In Aksu Region, China <i>Jin Luo</i> Tsinghua University
84	3273842	MN	Water Quality & Supply In The Southern Gobi In Mongolia <i>Chandmani Dambabazar</i> Altai Ubur Gobi Water Basin Administration
85	3273969	MX	Circular Economy And Restoration Of Water Cycle: Two Tools Towards Water Sustainability <i>Jose Gleason</i> University of Guadalajara
86	3274140	KR	Degradation Of Medically-important Pharmaceuticals Found In Wastewater By Microorganisms Using Triple Quad LC-MS/MS <i>Ryan De Sotto</i> Korea University
87	3274221	US	Using Big, Regional-scale Water-quality Databases To Improve Catchment-scale Model Predictions <i>Mi-Hyun Park</i> University of Massachusetts, Amherst
88	3275440	NL	Valuation Of Adaptation Pathways For Urban Flood Risk Management <i>Mohanandar Radhakrishnan</i> UNESCO-IHE Institute for Water Education, Delft, The Netherlands; CRC for Water Sensitive Cities, Australia
89	3275622	DK	Life Cycle Assessment Of Cloudburst Management Plans In Adaptation To Climate Change In Copenhagen, Denmark <i>Martin Rygaard</i> Technical University of Denmark
90	3279352	FR	Advanced Pressure Management <i>Didier Sinapah</i> SUEZ
91	3279586	CN	Chemical And Microbial In Situ Analysis Of The Oil Contaminated Underground Water At Different Depths <i>Sidan Lu</i> Beijing Normal University
92	3285300	CN	The Monitor And CFD Simulation Of Flow Field In A Variable-velocity Oxidation Ditch By Trepanning <i>Pengkang Jin</i> Xi'an University of Architecture and Technology
93	3285715	AT	Preparing Urban Water Utilities For Droughts <i>Roland Liemberger</i> Miya

## Poster Presentations

95	3286674	NL	Unified Framework For Managing Adaptation Deficits In Secondary Cities <i>Assela Pathirana</i> UNESCO-IHE Institute for Water Education. CRC for Water Sensitive Cities
96	3286679	CN	Dissolving Scale Experiment Of Microorganism With High-Yield Of Carbonic Anhydrase <i>JiangYu Ye</i> Chongqing University
97	3287105	CY	Towards Sustainable NRW Reduction: An Innovative Approach <i>Bambos Charalambous</i> J2C Water
98	3293704	IR	Treatment Of Detergent Industries Wastewater <i>Keshavarzi Hossein Abadi Mahshid</i> Village Water & Wastewater Company
99	3294148	CN	Application Of Ultra-Low-Pressure Nanofiltration In Advanced Treatment Of Wastewater Formed In Membrane Manufacture <i>Pan Dai</i> Beijing OriginWater Membrane Technology Co., Ltd.
101	3302393	AU	A Data-Driven Platform For Water Pipe Failure Prediction <i>Zelin Li</i> Data61
102	3302531	AU	Data-Driven Long-Term Failure Prediction For Reticulation Water Main <i>Bang Zhang</i> NICTA
103	3304870	AU	Is The Science And Data Underpinning The Rational Method Robust For Use In Water Sensitive Urban Catchments? <i>Tony McAlister</i> Urban Water Cycle Solutions
104	3306397	AU	Water Data And Information To Better Prepare For Water Security And Future Challenges <i>Amgad Elmahdi</i> Bureau of Meteorology
105	3306895	AU	All Models Are Wrong, Some Are Useful. The Case For Operational Modelling Of Water Supply Systems <i>Ann Pugh</i> Innovyze
106	3306920	AU	ServAqua: Towards A Customer Focused Service Quality Model For Water Utilities <i>Peter Prevos</i> Coliban Water
107	3306941	AU	Electromagnetic Treatment Of Hydroponic Media Enhances Lettuce Growth And Prevents Crop Loss At High EC <i>Robert Moore</i> RMIT University
108	3307652	AU	The Optimisation Study Into The Operation Of Wivenhoe Dam: A Review <i>Gregory McMahon</i> G M McMahon Consultants
109	3307659	AU	The 2053 South East Queensland Flood: Only Young Water Professionals Need Attend <i>Gregory McMahon</i> G M McMahon Consultants
110	3308560	AU	Business Rules For Operating The Desal Plant <i>Nathan Taylor</i> CEDA
111	3308595	AU	Evaluating Long-Term Surface Water Impacts Of Open Pit Mining In Australia <i>Krey Price</i> MWH Global
112	3309691	AU	Streamlined Concept Design Of A Dairy Wastewater Brine Management Process Utilising AqMB<startsup>TM<endsup> Designer Simulation Software <i>Krey Price</i> GHD Pty Ltd
113	3408073	CN	Application Of Ultrasound And Quartz Sand For The Removal Of Disinfection Byproducts From Drinking Water <i>Mingxin Huo</i> Northeast Normal University
114	3231692	JP	Effects Of PH And Coexisting Chemicals On Photolysis Of Perfluorooctane Sulfonate Using An Excited Xenon Dimer Lamp <i>Naoyuki Kishimoto</i> Ryukoku University
115	3242623	DK	Dynamic Reservoir Control: Applied Smart Grid For Drinking Water <i>Troels Kaergaard Bjerre</i> VCS Denmark
116	3246434	IR	Removal Of Turbidity From Drinking Water Using An Innovative Membrane Filter <i>Hojatollah Elahi</i> Khorasan Razavi Rural Water and Wastewater Company
117	3246721	IR	A Colorimetric Aptasensor For Rapid Detection Of Escherichia Coli O157:H7 <i>Hassan Masoudi</i> Khorasan Razavi Rural Water and Wastewater Company
118	3254502	EG	Effluent Wastewater Treatment For Reuse Using Soil Aquifer Treatment <i>Mahmoud Elsheikh</i> Menoufia University
119	3254930	US	Computer Models Aids Selection Of Optimal Coagulants <i>Alex Yavich</i> Optimization Solutions Environmental, LLC
120	3254976	US	Adapting Conventional Water Treatment For Increasing Concentrations Of NOM In Surface Water Supplies <i>Alex Yavich</i> Optimization Solutions Environmental, LLC
121	3256422	IR	Review Of Drinking Water Disinfection Systems Of Islamic Republic Of Iran <i>Zahra Alizadeh</i> National Water and Wastewater Engineering Company
122	3258902	IR	Sodium Chloride Standard Preparation For On-site Hypochlorite Generation In Iran <i>Zahra Alizadeh</i> National Water and Wastewater Engineering Company
123	3260318	DE	Synergistic Effects Using Ozone, UV And Advanced Oxidation In Multi Barrier Treatment Processes <i>Louis Wiert</i> Xylem Inc.
124	3261498	TW	Photoelectrochemical Oxidation Of Ibuprofen Via Cu2O-doped TiO2 Nanotube Arrays <i>Yen-Ping Peng</i> Tunghai University
125	3262340	CA	Drinking Water Production By Using Combined Ozonation And Ultrafiltration Membrane Processes <i>Laleh Yerushalmi</i> Dagua Technologies Inc.
126	3262379	IR	Solar Disinfection Of Water For Rural And Small Communities In Iran <i>Ardavan Niknam</i> Water and Wastewater Company
127	3262575	SG	Design And Operation Of Low Energy Membrane Bioreactors <i>Guihe Tao</i> PUB Singapore
128	3263539	CN	Pd-Fe/graphene Catalyst Synthesized By UV-assisted Photocatalysis And Its Application In Multifunctional Gas-diffusion Cathode For 4-chlorophenol Degradation <i>Bian Zhaoyong</i> College of Environmental Science and Engineering, Beijing Forestry University
129	3263661	CN	The Linkage Between Elevation And Activated-sludge Microbial Community Along A 3,600-meter Elevation Gradient <i>Linqiong Wang</i> Hohai University
130	3264542	JP	Applicability Of Sewage Heat For Improvement Of Nitrification Performance Of A Trickling Filter <i>Kanda Ryo</i> Ryukoku University
131	3264619	TW	The Effect Of Permanganate Preoxidation Combined With Coagulation On UF Membrane Fouling Control <i>Hsuan-Hsien Yeh</i> National Cheng Kung University
132	3265864	CN	Key Factors Affecting The Removal Of Iopamidol By Zero-valent Iron Of Different Sizes <i>Wan-Qian Guo</i> Harbin Institute of Technology
133	3265895	JP	Why High Adsorption Capacity Of Micro-pollutants On Super-fine Activated Carbons: Adsorbate And Adsorbent Properties <i>Matsui Yoshihiko</i> Hokkaido University
134	3266481	JP	Removal Of Bromophenols By Slow Sand Filtration And UV Irradiation <i>Keiko Katayama-Hirayama</i> Univ. of Yamanashi
135	3266546	JP	The Basic Energy Plan For Sewerage Works Of Tokyo "Smart Plan 2014" <i>Kinji Yamada</i> Tokyo Metropolitan Government
136	3266571	CN	Highly Efficient Phosphate Removal Based On La(OH)3 Nanorods In Nanofibers <i>Jiaojie He</i> Harbin Institute of Technology
137	3266589	JP	Caisson Work At The Senjusekiya Pumping Station Simultaneous Installation Of Two Caissons <i>Ryota Okazaki</i> Tokyo Metropolitan Government
138	3266728	BR	Proposal And Application Of A Performance Indicators System For Water Treatment Plants Focusing On Service Provider <i>Marcelo Libanio</i> Federal University of Minas Gerais
139	3266733	AU	Hydraulic Balance And Energy Optimisation Of A Hybrid CAS/MBR Process Through Dynamic Modelling And Simulation <i>Amin Malekizadeh</i> SUEZ - CIRSEE
140	3266752	CN	Manipulating The Efficacy Of Oxone-MnOx/SBA-15 Aquatic System For Degradation Of Emerging Contaminants <i>Jia-Cheng Yang</i> Chinese Academy of Sciences
141	3266776	CN	Ultradispersed TiO2 Nanocrystals/graphene Nanocomposites With High Photocatalytic Activity For Dye Degradation <i>Jiayu Tian</i> Harbin Institute of Technology
142	3266794	CM	Plurality Effect Of Light, PH And Artemisia Annuua Extract On A Fecal Bacterium In Aquatic Microcosm <i>Moise Nola</i> University of Yaoundé

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143	3266807	DK	<b>A Metabolic Model For The 0092 Morphotype Associated With Filamentous Bulking Problems In Wastewater Treatment Plants</b> <i>Marta Nierychlo</i> Centre for Microbial Communities, Aalborg University
144	3266963	UK	<b>Pilot Scale Spiral Wound Membrane Assessment For THM Precursor Rejection From Upland Waters</b> <i>Dan Golea</i> Cranfield University
145	3267128	CN	<b>Pd-Cu/TiO<sub>2</sub> Nanofiber Catalyst For Selective Reduction Of Water Phase Nitrates</b> <i>Wei Wang</i> Harbin Institute of Technology
146	3268954	AU	<b>Risk Based Approach To Safe Land Application Of Melbourne's Biosolids, Quantitative Risk Assessment Of Potential Hazards</b> <i>Philip Wilkie</i> Melbourne Water
147	3268996	JP	<b>A Basic Study On Risk And Performance Evaluation Of Wastewater Reclamation Systems</b> <i>Toshiki Fukushima</i> Metawater Co.,Ltd.
148	3268998	AU	<b>Fertiliser Drawn Forward Osmosis Process: Pilot-scale Desalination Of Mine Impaired Water For Fertigation</b> <i>Hokyong Shon</i> University of Technology Sydney
149	3269008	JP	<b>Aeration Control By Real Time Nitrification Control Using Activated Sludge Model</b> <i>Mitsuharu Nishiyacchi</i> Tokyo Metropolitan Government
150	3269014	JP	<b>Pretreatment Effect In The Removal Of Organic Substances For SWRO</b> <i>Kazuaki Shimamura</i> Swing Corporation
151	3269019	CN	<b>Arsenic Removal By The Pre-oxidation And Nanofiltration Membrane Hybrid Process</b> <i>Guangshan Zhang</i> Harbin Institute of Technology
152	3269037	US	<b>Evaluation Of The Efficiency Of Moringa Oleifera Products As Natural Adsorbents Of Heavy Metals In Contaminated Wastewater</b> <i>Franklin Obeng Sika</i> Polytechnic of Namibia
153	3269071	KR	<b>Assessing The Efficiency Of Permeable Reaction Barrier To Reduce The Ground Water Contamination From Carcass Burial</b> <i>Saikat Chowdhury</i> Hannam University
154	3269081	CN	<b>Anaerobic Ammonium Removal: From ANAMMOX TO ANSURAMMOX</b> <i>Linjiang Yuan</i> Xi'an University of Architecture and Technology
155	3269109	CN	<b>The Chromate Bio-reduction In A Methane Based Membrane Biofilm Reactor</b> <i>He-Ping Zhao</i> Zhejiang University
156	3269120	DK	<b>Model-based Optimization Of An Industrial WWTP Combining A Full-scale Granular Sludge Reactor And Autotrophic N Removal</b> <i>Hannah Feldman</i> Technical University of Denmark
157	3269137	FR	<b>UF Pressurized Membrane Interchangeability: Doha West WWTP Extension 5; Triple Win For Client, EPC And O&amp;M Companies</b> <i>David Ratte</i> SUEZ Treatment Solution
158	3269181	CN	<b>Synchronous Determination Of Volatile Sulfur Compounds In Ambient Air By Preconcentration - Gas Chromatography</b> <i>Dezhi Sun</i> Beijing Forestry University
159	3269239	CN	<b>Inhibit Bromate Formation In Ozonation Of Bromide-containing Water By LaFeO<sub>3</sub>/mesoporous Silica Material As Catalyst</b> <i>Fei Qi</i> Beijing Forestry University
160	3269240	TR	<b>Effect Of Gularonic Acid Content On Turbidity Removal Potential Of Bacterial Alginate</b> <i>F.Dilek Sanin</i> Akdeniz University
161	3269260	CN	<b>Study On Adsorption Of Ciprofloxacin &amp; Enrofloxacin Onto Activated Carbon</b> <i>Hao Fu</i> Tsinghua University
162	3269275	CN	<b>A Review Of Sensitivity Analysis Methods In Water Environment Modeling</b> <i>Yuanzheng Zhai</i> Beijing Normal University
163	3269313	JP	<b>Full Scale Application Of New Type Anaerobic Fluidized Bed Process For Treatment Of "Hard To Form Granule" Wastewater</b> <i>Takaaki Tokutomi</i> Kurita Water Industries LTD.
164	3269320	ZA	<b>A Fuzzy Logic Benchmark For A Membrane Bioreactor Treating Furfural Wastewater: Simulating PH Control.</b> <i>Kriveshin Pillay</i> Institute For Water and Wastewater Technology
165	3269437	CN	<b>Advanced Treatment Of Petrochemical Secondary Effluent By Fenton</b> <i>Yuexi Zhou</i> Beijing Normal University
166	3269473	SA	<b>Biomass Accumulation And Membrane Performance For Water Treatment: Impact Of The Organic Substrate Load</b> <i>Szilard Bucsi</i> King Abdullah University of Science and Technology
167	3269566	DK	<b>Start-up Of A Drinking Water Biofilter</b> <i>Inés Breda</i> VIA University College
168	3269592	IE	<b>Preliminary Investigation Of Integrating Constructed Wetland Into Activated Sludge Process For Enhancing Nutrients Removal</b> <i>Yaqian Zhao</i> University College Dublin, Ireland
169	3269606	PL	<b>Adsorption As A Treatment Solution For Arsenic Removal From Gold Mine Waters</b> <i>Malgorzata Szlachta</i> Wroclaw University of Technology
170	3269615	PL	<b>Application Of Carbon Nanotubes Adsorption And Ultrafiltration For The Removal Of Metolachlor From Aqueous Solution</b> <i>Malgorzata Szlachta</i> Wroclaw University of Technology
171	3269633	SE	<b>Intelligent Wastewater Pumps - The Next Pump Industry Breakthrough</b> <i>Stefan Abelin</i> Xylem Water Solutions AB
172	3269638	MX	<b>Role Of Suspended Solids In Wastewater On The Inhibitory Effect Of ZnO NPs In The Macronutrient Removal By CAS</b> <i>Germán Cuevas-Rodríguez</i> University of Guanajuato
173	3269645	DE	<b>Elimination Of Micropollutants And Antibiotic Resistant Pathogens During Ozonation</b> <i>Ira Brückner</i> WVER
174	3269656	PL	<b>Is The Application Of Biosolids A Beneficial Or Disruptive Waste Management For Soil? A Case Study Of Risk And Benefits</b> <i>Anna Grobelak</i> Czestochowa University of Technology
175	3269742	TW	<b>Recovery Of Diluted Draw Solutions In Forward Osmosis Process By Using Micellar-Enhanced Membrane Filtration System</b> <i>Hung-Te Hsu</i> Chung Yuan Christian University
176	3269769	CN	<b>Membrane Fouling Indicator For Nanofiltration Resulted From Wastewater eFOM And Surface Water Dissolved Organic Matters</b> <i>Feiyun Sun</i> Harbin Institute of Technology Shenzhen
177	3269809	CN	<b>Endogenous Metabolism Of Anammox Bacteria In Response To The Short Term Anaerobic/Anoxic Starvation Stress</b> <i>Yayi Wang</i> Tongji University
178	3269818	CN	<b>Removal Of Nitrosamines Precursors By Cation Exchange Resins</b> <i>Chao Chen</i> Tsinghua University
179	3269820	TW	<b>Removal Of Polyvinyl Alcohol In Wastewater By Electrogenated Ce(IV)</b> <i>Chih-Ta Wang</i> Chung Hwa University of Medical Technology
180	3269823	IR	<b>Adsorption Of Fuel Oxygenates From Drinking Water Using Modified Natural Zeolites</b> <i>Mohammad Reza Mirbaloochehzi</i> Sistan and Baloochestan Water and Wastewater co.
181	3269844	JP	<b>Applicability Of Iron-chelate Compounds As An Electron Acceptor For A Double-chamber Microbial Fuel Cell</b> <i>Yoshida Hideto</i> Ryukoku University
182	3269856	MX	<b>Biosorption Of Cr (VI) Using Nitrifying-Denitrifying Consortia, Chitosan Cross-linking Beads And Hybrid System</b> <i>Karina Coronado Apodaca</i> Instituto Tecnológico de Sonora
183	3269901	TW	<b>Removal And Adsorption Characteristics Of Dimethyl Phthalate From Aqueous Solutions Using Electrocoagulation</b> <i>Wei-Lung Chou</i> Hungkuang University
184	3269907	AU	<b>Challenges In Wastewater Odour</b> <i>Louisa Vorreiter</i> Sydney Water
185	3269958	DE	<b>Energy Efficient Stormwater Disinfection With UV</b> <i>Louis Wiar</i> Xylem Services GmbH

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186	3269975	TR	<b>Power Generation In A Microbial Fuel Cell Fed With Synthetic Wastewater</b> <i>F.Dilek Sanin</i> Middle East Technical University
187	3270042	CN	<b>Ozonation Of Acid Red B In A Hollow Fiber Membrane Contactor</b> <i>Dan Qu</i> Beijing Forestry University
188	3270062	JP	<b>Microbial Communities On The Submerged Membranes In Full-scale Membrane Bioreactors Treating Municipal Wastewater</b> <i>Kazuki Takada</i> Osaka University
189	3270069	JP	<b>Factors Influencing Nitrogen Removal In A Single Chamber MFC Using An Air Cathode With Pre-enriched Nitrifying Biofilm</b> <i>Tomohide Watanabe</i> Gunma University
190	3270083	SG	<b>Novel Application Of Intertidal Wetland Sediment As Inoculation Source For Saline Wastewater Treatment</b> <i>How Yong Ng</i> National University of Singapore
191	3270091	DE	<b>Advances In UV System Design: "How Much Dose Require My Bugs?"</b> <i>Louis Wiar</i> Xylem Services GmbH
192	3270097	KR	<b>Characterization And Rejection Rate On MF/UF Membranes For Evaluating Pretreatment Of SWRO*</b> <i>Changkyoo Choi</i> Gwangju Institute of Science and Technology
193	3270213	PT	<b>Comparing AGS Reactivation And Operation Performance In Two SBR Hydrodynamic Regimes Treating Synthetic Textile Effluent</b> <i>Nidia Lourenço</i> Instituto Superior Técnico, ULisboa
194	3270223	TW	<b>Couple CdS-WO<sub>3</sub> And WO<sub>3</sub> Assist Photocatalytic Oxidation Of 5-fluorouracil Antineoplastic Drugs</b> <i>Shang Lo</i> National Taiwan University
195	3270405	KR	<b>Improving Performance Of Forward Osmosis Process By Novel Antiscalant-mixed Draw Solutions</b> <i>Seungkwan Hong</i> Korea University
196	3270406	ZA	<b>Principal Component Analysis For Interaction Of Wastewater Characteristics And Nitrifiers At Full-scale Activated Sludge</b> <i>Faizal Bur</i> Durban University of Technology
197	3270410	CN	<b>The Removal Efficiency And Adsorption Mechanism Of Tetracycline By The Protein-based Extracellular Polymeric Substances</b> <i>Ang Li</i> Harbin Institute of Technology
198	3270457	AU	<b>Natural Organic Matter Interfacial Interactions With Tannic Acid-coated Silver Nanoparticles</b> <i>Jean-Philippe Croue</i> Curtin Water Quality Research Center. Curtin University
199	3270542	AU	<b>Demonstrating The Importance Of Waterway Health To Drinking Water Supply And The Liveability Of South East Queensland</b> <i>Cameron Wearing</i> Seqwater
200	3270552	SG	<b>Biodegradability Improvement Of Wastewater From The Electronics Industry By Electro-Fenton</b> <i>Olivier Lefebvre</i> National University of Singapore
201	3270555	IR	<b>Artificial Neural Networks Modeling Of Decolorization Of Rhodamine B Dye In A Multiple Impinging Jets Cavitation Reactor</b> <i>Seyyed Alireza Ebrahimzadeh Zonouzan</i> Bu-Ali Sina University of Hamedan, Tehran Water and Wastewater Co
202	3270563	JP	<b>Effect Of Suspended Substances On UV Disinfection During Wastewater Treatment Process</b> <i>Nodoka Kanzaki</i> Ritsumeikan University
203	3270580	SG	<b>Photolytic And Photocatalytic Degradation Of Antibiotic Tetracycline By UVA/LED Irradiation</b> <i>Jiangyong Hu</i> National University of Singapore
204	3270582	PL	<b>Optimisation Of LCFA's Extraction From Sewage Sludge And Their Mixtures With Animal Grease Wastes</b> <i>Krzysztof Fijałkowski</i> Czestochowa University of Technology
205	3270584	PL	<b>Methane Recovery From Fat Rich Materials: A Review</b> <i>Anna Grosser</i> Czestochowa University of Technology
206	3270596	PL	<b>Pretreatment Of Sewage Sludge For Enhanced Biogas Production: A Review</b> <i>Ewa Neczaj</i> Czestochowa University of Technology
207	3270610	ZA	<b>Municipal Green Drop Effluent Quality Compliance Assessment Of Wastewater Treatment Works In The City Of Umhlatuze, South Africa</b> <i>Nishani Ramdhani</i> Council for Scientific and Industrial Research
208	3270627	SG	<b>Impact Of Hybrid Ozone/Ceramic Membrane Microfiltration On Disinfection Byproducts Control In Drinking Water</b> <i>Jiangyong Hu</i> National University of Singapore
209	3270637	BR	<b>Combination Of Ozonation And MBBR Processes For Treatment Of Simulated Textile Wastewater And By-products Identification</b> <i>Joao Paulo Bassin</i> Federal University of Rio de Janeiro
210	3270644	AU	<b>Photochemical Fate Of Antibiotic Norfloxacin Under Solar Irradiation: Natural Organic Matter And Photo-induced Oxidants</b> <i>Xi-Zhi Niu</i> Curtin University
211	3270645	SG	<b>Photo-Fenton Processes For The Petrochemical Wastewater Treatment</b> <i>Jiangyong Hu</i> National University of Singapore
212	3270655	AU	<b>Improving Coagulability And Chlorine Stability Through Biologically Activated Carbon Treatment</b> <i>Arumugam Sathasivan</i> Western Sydney University, Australia
213	3270663	AU	<b>Validation Of Relationship Between Free Chlorine Dose And Virus Inactivation In Drinking Water And Its Application In So</b> <i>Duncan Middleton</i> Seqwater
214	3270668	TW	<b>Arsenic Speciation And Sorption Kinetics In Ternary Arsenic- Humic Acid-Iron Oxide System</b> <i>Tsair-Fuh Lin</i> National Taiwan University
215	3270677	CN	<b>Salinity Impacts On N<sub>2</sub>O And NO Emissions During Autotrophic Nitrogen Removal In A CANON Reactor</b> <i>Yayi Wang</i> Tongji University
217	3270714	KR	<b>Usable Water Production From Coal Seam Gas Water With A Combination Of Pore Control Fiber Filtration And Reverse Osmosis</b> <i>Choon-Hwan Shin</i> Dongseo University
218	3270829	BR	<b>Effect Of Liquid Recirculation And Air Circulation On Oxygenation Coefficient (kLa) In Membrane Aerated Biofilm Reactor</b> <i>Tsunao Matsumoto</i> Univ. Estadual Paulista
219	3270843	CN	<b>Treatment Effect Of Petrochemical Secondary Effluent By An Integrated Ozone-biological Aerated Filter (BAF)</b> <i>Yuexi Zhou Zhou</i> Tsinghua University
220	3270924	AU	<b>Chloramination -- The State Of The Art</b> <i>Arumugam Sathasivan</i> Western Sydney University
221	3270941	FR	<b>Impact Of Temperature On Mainstream Deammonification Performance And Microbial Community</b> <i>Marc Calgaris</i> SUEZ
222	3270949	CA	<b>Variation In The Prediction Of NOM Fouling Under Variable Applied Pressure And Water Temperature Conditions</b> <i>Onita Basu</i> Carleton University
223	3270951	CN	<b>Enhanced Hydrogen Production From Mixed Anaerobic Cultures By Enlarging Gas Headspace Volume Of The Batch Reactor</b> <i>Sheng Chang</i> State Key Laboratory of Environmental Criteria and Risk Assessment, Chinese Research Academy of Environmental Sciences
224	3270963	PT	<b>Biodegradation Of A Sulfonated Azo Dye In A Synthetic Textile Wastewater By A Newly Isolated Oerskovia Strain</b> <i>Nidia Lourenço</i> Instituto Superior Técnico, Universidade de Lisboa
225	3270975	TR	<b>Comparison Of Four Cationic Membrane In A Microbial Fuel Cell System For Power Production And Nitrate Removal Efficiency</b> <i>Selim Sanin</i> Hacettepe University
226	3270978	AU	<b>Application Of Membrane Bioreactor As A Pretreatment In Seawater Desalination For Biofouling Control</b> <i>Saravanamuthu Vigneswaran</i> King Abdullah University of Science and Technology
227	3270980	UK	<b>Disinfection Performance Assessment Of Chlorine Contact Tanks Using Flow Cytometry</b> <i>Ryan Cheswick</i> Cranfield University
228	3270981	TW	<b>Methylamine Removal In Actual Wastewater By Acinetobacter Calcoaceticus MRA1 At Batch And Continuous Bioreactor Systems</b> <i>Chun-Chin Wang</i> Hungkuang University
229	3270983	DE	<b>Energy Efficient Wastewater Treatment -- Recording And Washing Screenings For Carbon Recovery</b> <i>Frank Benstoem</i> Institute of Environmental Engineering, RWTH Aachen University

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230	3270988	BR	Co-digestion Approach In Anaerobic Processes For Biomethane Production <i>Giovanna Lovato</i> Instituto Mauá de Tecnologia - Escola de Engenharia Mauá
231	3270994	BR	Impact Of Phenol Shock Loadings On A Combined Activated Sludge -MBBR System <i>Joao Paulo Bassin</i> Federal University of Rio de Janeiro
232	3271014	DE	Energy Turnaround In The Wastewater Sector By Bio-Electrochemical Systems (BES) -- Challenges And Advances <i>Michael Sievers</i> CUTEC-Institut
233	3271027	UK	Use Of Immobilised Algae For Nitrogen And Phosphorus Removal In Short Hydraulic Retention Times <i>Bruce Jefferson</i> Cranfield University
234	3271042	DE	Optimization Of Microbial Fuel Cells Start-up Behaviour For Waste Water Treatment And Electrochemical Power Evaluation** <i>Ulli Kunz</i> Clausthal University of Technology
235	3271047	CA	Dynamic Modelling Of Rotating Belt Filters Using Computational Fluid Dynamics Simulations <i>Dang Ho</i> Trojan Technologies
236	3271060	JP	Isolation And Characterization Of Novel Grease-degrading Microorganisms For Efficient Grease Removal In Wastewater <i>Daisuke Inoue</i> Kitasato University
237	3273573	BR	Effect Of High Nitrate Loading Rates On The Performance Of A Denitrifying Moving-bed Biofilm Reactor <i>Joao Paulo Bassin</i> Federal University of Rio de Janeiro
238	3273579	ES	Simulations For Designing An Industrial Prototype Scale Of Anaerobic Membrane Bioreactor (AnMBR) <i>Arbib Zouhayr</i> Universitat Politècnica de València
239	3273618	NO	Developments In Coagulant Dosing Control With Multiple Water Quality Sensors <i>Harsha Ratnaweera</i> Norwegian University of Life Sciences
240	3273623	SE	Three Unique MBBR Applications For Pre-treated Wastewater <i>Mark de Blois</i> H2OLAND AB
241	3273640	BR	Evaluating The Hierarchy Of Cyanotoxin Removal By Means Of Adsorption In Granular Activated Carbon <i>Marcelo Libanio</i> UFMG
242	3273659	BR	Aerobic Fluidized Bed Reactor With Circulation As Compartmented UASB Reactor Post-Treatment Device For Nutrient Removal <i>Tsunao Matsumoto</i> Univ. Estadual Paulista
243	3273690	JP	Influence Of Change From Rapid Sand Filtration To Membrane Filtration On Water Quality In Distribution Networks <i>Hiroshi Nagaoka</i> Tokyo City University
244	3273700	AU	Factors Influencing Biological Activated Carbon Biofilm Development And Treatment Performance <i>Peta Thiel</i> Research Laboratory Services
245	3273703	CA	High Rate Moving Bed Biofilm Reactors For Reduced Energy Wastewater Treatment <i>Ynes Comeau</i> Polytechnique Montréal
246	3273712	IR	Establishment Of Quality And Quantity Assessment Model For Water Treatment Plants <i>Mahsa VaezTehrani</i> National Water and Wastewater Engineering Company
247	3273744	CA	Regrowth Potential of Bacteria after Ultraviolet Disinfection in Absence of Light and Dark Repair <i>Banu Ormeci</i> Carleton University
248	3273758	CN	Ferrous Iron Shapes Microbial Community Of The Electrode Biofilm In Biocathode Microbial Fuel Cells <i>Defeng Xing</i> Harbin Institute of Technology
249	3273800	PL	The Drivers And Barriers Limiting Urban Sewage Sludge Management - European Experience <i>Malgorzata Kacprzak</i> Czestochowa University of Technology
250	3274131	AU	How Do Pathogens Die In Waste Stabilisation Ponds? <i>Helen Stratton</i> Griffith University
251	3274144	MX	Main Factors Involved In The Fouling Of The Conventional And Hybrid Membrane Bioreactor <i>Germán Cuevas</i> University of Guanajuato
253	3276210	CN	Improving The Reactivity Of Zerovalent Iron By Taking Advantage Of Its Magnetic Memory: Implications For Arsenite Removal <i>Xiaohong Guan</i> Tongji University
254	3276389	CN	Enhancement Of Phenol Biodegradation Via Electrical Stimulation And Responses Of Microbial Communities <i>Xia Huang</i> State Key Joint Laboratory of Environment Simulation and Pollution Control
255	3279235	CN	Nitrous Oxide (N2O) Accumulation Characteristics In Hydrogenotrophic Denitrification <i>Jiane Zuo</i> School of Environment, Tsinghua University
256	3279401	CN	Ammonia Removal From Waste Seawater By Struvite Using Response Surface Methodology For Process Optimization <i>Weilong Song</i> Harbin Institute of Technology
257	3279402	CN	Preparation Of BiVO4-Ag-Graphene Nanocomposites And Their Photocatalytic Activity <i>Xuan Xu</i> Chongqing University
258	3279411	CN	Biological Removal Of Sulphide, Nitrate And Acetate By Mixotrophic Denitrification Under Insufficient Electron Acceptors <i>Chuan Chen</i> Harbin Institute of Technology
259	3279418	CN	Exerting Magnetic Field Enhanced The Ammonia-oxidation Capability Of Ammonia Oxidation Archaea <i>Xianghua Wen</i> Tsinghua University
260	3279420	CN	Reactivity And Mechanism Of Bromate Removal By Nanoscale Zero-valent Iron Immobilized On GAC In The Presence Of DO <i>Yan Zhang</i> Zhejiang University of Technology
261	3284093	CN	The Study On The Algae Submicroscopic Structure Changes By The Allelochemicals Action <i>Shan Wu</i> Beijing University of Technology
262	3284739	CN	Optimizing Granular Size Distribution For Stability Of Aerobic Granular Sludge <i>Liang Zhu</i> Zhejiang University
263	3285217	AU	Membrane Distillation For Water Desalination: Its Development, Current Status And Future Direction (A- Review) <i>Jack Nihill</i> RMIT University
264	3285452	BE	Effect Of Foam On Temperature Prediction And Heat Recovery Potential From Biological Wastewater Treatment <i>Eveline Volcke</i> Ghent University
265	3285785	CN	Generation Of Dual Water Quality Treatment And Multilevel Reuse System Of Dyeing Wastewater <i>Pengkang Jin</i> Xi'an University of Architecture and Technology
266	3285790	KE	Renewable Energy Strategy For Water Treatment Plants - Ngethu Water Treatment Plant <i>Samwel Kiarie</i> Nairobi City Water and Sewerage Company
267	3285940	AU	Electro-activated Sulfate For The Degradation Of Persistent Organic Contaminants <i>Ali Farhat</i> University of Queensland
268	3285941	IN	Simultaneous Removal Of Hardness And Fluoride From Water By Chemical And Electrocoagulation <i>Janakiram Karthikeyan</i> Sri Venkateswara University College of Engineering
269	3286013	SE	Algae Based Wastewater Treatment Model Using The RWQM1 <i>Jesus Zambrano</i> Mälardalen University
270	3286143	KR	Parameter Estimation For Green Roof Runoff Modeling Using SWMM <i>Hwansuk Kim</i> Korea University
271	3286522	AU	NOM, Mn, C- And N-DBP Precursor Control By Rapid Biofiltration <i>Katrin Doederer</i> The University of Queensland
272	3286673	SE	Modelling And Simulation Of Partial Nitrification-Anammox Process In MBBR For Reject And Mainstream Wastewater <i>Karol Trojanowicz</i> Royal Institute of Technology (KTH) Stockholm, Sweden
273	3286893	ZA	Evaluation Of Molecular Methods For The Characterization Of Escherichia Coli For Industrial And Routine Applications <i>Kousar Hoorzook</i> University of Johannesburg
274	3286938	PT	Efficient Biological Treatment In WWTP Beirolas -- Critic Oxygen Determination <i>Ana Teixeira</i> EPAL
275	3287045	CN	Isolation And Identification Of A Novel Acetogenic Bacteria From Waste Activated Sludge <i>Xiuyun Sun</i> Nanjing University of Science and Technology

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276	3293054	CN	Effect Of Ferric And Ferrous Iron Addition On Phosphorus Removal And Fouling In Submerged Membrane Bioreactors <i>Zhenghua Zhang</i> Tsinghua-Kangda Research Institute of Environmental Nano-Engineering & Technology/Tsinghua University
278	3306361	AU	Maleny IMBR STP And Community Wetlands - Two Years In Operation And More <i>Ramraj Kulkarni</i> Unitywater
279	3306401	AU	Micro-pollutants Removal By The Carbon Nanotubes Based Biocatalytic Membrane <i>Chao Ji</i> University of New South Wales
280	3306402	FR	Seeding And Performance Testing Of ANITA Mox Processes For Sidestream Deammonification <i>Hannah Lockie</i> Veolia Water Technologies
281	3306866	AU	Modelling Thermal Mixing And Ultra-violet Disinfection Of E. Coli In A Maturation Pond <i>Nicholas Dahl</i> Griffith University
282	3306886	AU	Graphene Oxide Incorporated In PVA/PVDF Composite Pervaporation Membrane For Desalination Application <i>Lin Li</i> University of New South Wales, Australia
283	3306911	AU	Towards Optimum Performance For An In-situ Desalination Irrigation Method <i>Pierre Le-Clech</i> The University of New South Wales
284	3306936	AU	A Novel Device For Measuring Floc Stability In Direct Filtration <i>Greg Leslie</i> University of New South Wales
285	3307174	AU	Versatility Of Nereda® For Wastewater Applications Worldwide <i>Monita Naicker</i> Aquatec Maxcon Pty Ltd
	3308014	CN	Effect Of Natural Organic Matter On PPCPs Rejection By HTCC/PES Composite Membrane <i>Huang Zhonghua</i> Nanjing University of Science and Technology
286	3309936	AU	New Hollow Fiber Nanofiltration Membranes For Chemical Free Surface Water Treatment <i>Peter Cooper</i> Pentair X-Flow
287	3309954	AU	Biosolids Embankments- A New Design Concept For 'dry Stacking' Operation In Wastewater Treatment Sludge Drying Pans <i>Sriharini Chellappan</i> The University of Melbourne
288	3312673	CN	Application Of PAN Based Carbon Nanofibers By Electrospinning For The Cr(VI) Removal From Aqueous Solution <i>Zhi-Hua Yuan</i> Institute of Urban Environment, Chinese Academy of Sciences
289	3313739	AU	Take-off Without A Pilot: Dangers Of Designing Water Treatment Processes Without Pilot Plant Validation <i>Michael Carter</i> Hunter H2O
290	3315864	CN	Nitrite Accumulation Control In The Anoxic-oxic Biofilter For Achieving Advanced Nitrogen And Phosphorus Removal <i>Xiuhong Liu</i> Renmin University of China
291	3408029	CN	Degradation Of Quinoline By Comonomers Testosterone QYY: Effects Of Micronutrients And Degradation Kinetics <i>Suiyi Zhu</i> Northeast Normal University
292	3517177	CN	How Does The Organic Matter Influence Nitrogen Removal In An Anammox Reactor? C/N Ratio Plays An Important Role <i>Xiaojun Wang</i> Institute of Urban Environment, Chinese Academy of Sciences
293	3259001	DK	Return Sludge Sidestream Hydrolysis: Control GAOs And Successful EBPR <i>Mikkel Stokholm-Bjerregaard</i> Krüger/Aalborg University
294	3261310	CN	Increased Fermentation And Persistent Methanogenesis In Aquifer Following Source Removal Of An Ethanol Blend Release <i>Jie Ma</i> China University of Petroleum
295	3262587	JP	Pilot-scale Anaerobic Co-digestion Of Sewage Sludge And Shredded Grass <i>Toshiya Komatsu</i> Nagaoka University of Technology
296	3265432	JP	Life Cycle Assessment Of A Water Distribution System In The Context Of Depopulation <i>Kohei Hasegawa</i> Tokyo Metropolitan University
297	3266025	DZ	Digitalization Of Water's Data, Why? South-west Region Of Algeria, A Practical Example, Of Digitization Of Water's Data <i>Ansari Taha</i> National Agency of Hydraulics Resources
298	3267154	IR	Effects Of Drought On Urban Resources Of Isfahan And Water Quality Changes Of Isfahan City Using Various Resources <i>Mohammad Hassan Rabie Rad</i> Isfahan Water & Wastewater co.
299	3268953	JP	Characteristics of Manganese Contained in Soil of a River Basin Flowing into a Reservoir <i>Susumu Hosoya</i> Tokyo Metropolitan University
300	3268993	CN	Responses Of Production And Excretion Of Microcystins Between Microcystis Aeruginosa And Phenolics Allelochemicals <i>Wenyan Liang</i> Beijing Forestry University
301	3269046	TW	Development Of Low-cost Reactive Barriers Using Bamboo Charcoal To Remediate Organic Compound Contaminated Groundwater <i>Ku-Fan Chen</i> National Chi Nan University
302	3269183	JP	Recovery Of Precious And Minor Metals From Sludge In A Constructed Wetland Treating Metal-processing Wastewater <i>Satoshi Soda</i> Osaka University
303	3269465	BR	Retribution For Ecosystem Services As A Tool In Sustainable Management Of Water Resources <i>José Rocha</i> Regulatory Agency for Water, Energy and Sanitation of the Federal District - ADASA
304	3269477	CN	Linkage Between Elevation And Activated-sludge Microbial Community Along A 3,600-meter Elevation Gradient In China <i>Yi Li</i> Hohai University
305	3269531	CN	A Novel Strategy For Extended Cultivation Of Polyhydroxyalkanoate (PHA) Accumulating Mixed Microbial Culture (MMC) <i>Qinxue Wen</i> Harbin Institute of Technology
306	3269539	UK	Public Engagement In The Adaptive Water Utility <i>Vanessa Speight</i> Sheffield University
307	3269581	IR	The Effect Of Mesh Pore Alteration On Efficiency Of Fog Collector <i>Zahra Elmi</i> Sistan and Baluchestan Water and Waste Water Company
308	3269709	CA	Regional Optimization Of Multiple Water-Source Opportunities For Shale-Gas Development In West-Central Alberta, Canada <i>Kevin Parks</i> Alberta Energy Regulator - Alberta Geological Survey
309	3269753	AU	Minimising Environmental And Health Impacts From Wastewater Outfalls <i>Elaine Pang</i> Arup
310	3269790	CN	The Characteristic Of Nitrogen Forms And The Nitrate Source In The Three Gorges Reservoir Using Stable Isotope Approach <i>Binghui Zheng</i> Tsinghua University
311	3269905	AU	Control Of Concrete Corrosion In Sewers With Free Nitrous Acid <i>Zhiguo Yuan</i> The University of Queensland, Australia
312	3270039	ID	Fugacity Model Application Of Endosulfan Pollution In Saguling Reservoir <i>Katharina Oginawati</i> Institut Teknologi Bandung
313	3270057	JP	Relationship Between Surface Area Of Electrodes And Power Density In Microbial Fuel Cells <i>Takahiro Yamashita</i> National Agriculture and Food Research Organization
314	3270209	AU	A Forward Osmosis - Membrane Distillation Platform To Facilitate Resource Recovery From Wastewater <i>Long Nghiem</i> University of Wollongong
315	3270470	KR	An Integrated System Coupled With Electrodialysis And Electrolysis For Removal Of Nitrate And Arsenic From Groundwater <i>Jihyang Kweon</i> Konkuk University
316	3270597	AU	Testing The Paradigm Of Recreational Risk In Drinking Water Supplies: A QMRA Approach <i>Andrew Watkinson</i> Seqwater
318	3270933	CN	Application Of Discrete Entropy Theory To Design Emergency Monitoring Network For River Chemical Spills <i>Jiping Jiang</i> Harbin Institute of Technology
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