

A A S Al-Gheethi

List of Publications by Year in Descending Order

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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.

200
papers

1,734
citations

22
h-index

31
g-index

224
ext. papers

2,504
ext. citations

3.3
avg, IF

5.71
L-index

#	Paper	IF	Citations
200	Mathematical prediction models for inactivation of antibiotic-resistant bacteria in kitchen wastewater by bimetallic bionanoparticles using machine learning with gene expression programming. <i>Journal of Cleaner Production</i> , 2022 , 333, 130131	10.3	0
199	Climate change, tsunami and biodiversity endangered at the South China Sea, past, current and prediction models for the future: A comprehensive study.. <i>Marine Pollution Bulletin</i> , 2022 , 175, 113255	6.7	1
198	Critical Analysis for Life Cycle Assessment of Bio-Cementitious Materials Production and Sustainable Solutions. <i>Sustainability</i> , 2022 , 14, 1920	3.6	0
197	Applicability of bio-synthesized nanoparticles in fungal secondary metabolites products and plant extracts for eliminating antibiotic-resistant bacteria risks in non-clinical environments.. <i>Environmental Research</i> , 2022 , 209, 112831	7.9	5
196	Sustainable approaches for removing Rhodamine B dye using agricultural waste adsorbents: A review. <i>Chemosphere</i> , 2022 , 287, 132080	8.4	25
195	Inactivation of fungal spores from clinical environment by silver bio-nanoparticles; optimization, artificial neural network model and mechanism. <i>Environmental Research</i> , 2022 , 204, 111926	7.9	2
194	Elimination of rhodamine B from textile wastewater using nanoparticle photocatalysts: A review for sustainable approaches. <i>Chemosphere</i> , 2022 , 287, 132162	8.4	12
193	Modified TiO ₂ nanotubes-zeolite composite photocatalyst: Characteristics, microstructure and applicability for degrading triclorcarban. <i>Chemosphere</i> , 2022 , 287, 132278	8.4	1
192	Optimisation of self-healing of bio-foamed concrete bricks pores using <i>Bacillus tequilensis</i> under different temperature and CO curing conditions.. <i>Scientific Reports</i> , 2022 , 12, 2682	4.9	2
191	Nutrients elimination from meat processing wastewater using <i>Scenedesmus</i> sp.; optimizations; artificial neural network and kinetics models. <i>Environmental Technology and Innovation</i> , 2022 , 102535	7	
190	Prospects of MXenes in energy storage applications.. <i>Chemosphere</i> , 2022 , 134225	8.4	5
189	Ciprofloxacin removal from non-clinical environment: A critical review of current methods and future trend prospects. <i>Journal of Water Process Engineering</i> , 2022 , 47, 102725	6.7	4
188	Photocatalytic degradation of disperse azo dyes in textile wastewater using green zinc oxide nanoparticles synthesized in plant extract: A critical review. <i>Journal of Water Process Engineering</i> , 2022 , 47, 102705	6.7	3
187	Microbial fuel cell systems; developments, designs, efficiencies, and trends: A comparative study between the conventional and innovative systems.. <i>Chemosphere</i> , 2022 , 134244	8.4	1
186	An overview of MXene-Based nanomaterials and their potential applications towards hazardous pollutant adsorption.. <i>Chemosphere</i> , 2022 , 298, 134221	8.4	2
185	Fabrication and characterization of chitosan/gelatin films loaded with microcapsules of <i>Pulicaria jaubertii</i> extract. <i>Food Hydrocolloids</i> , 2022 , 129, 107624	10.6	1
184	Characterisation of Macrophyte <i>Eleocharis dulcis</i> for potential selected bioproducts. <i>E3S Web of Conferences</i> , 2022 , 347, 02012	0.5	

183	Scenedesmus sp. Harvesting by Using Natural Coagulant after Phycoremediation of Heavy Metals in Different Concentrations of Wet Market Wastewater for Potential Fish Feeds. <i>Sustainability</i> , 2022 , 14, 5090	3.6	1
182	Antibiotics and antibiotic-resistant bacteria in greywater: Challenges of the current treatment situation and predictions of future scenario.. <i>Environmental Research</i> , 2022 , 212, 113380	7.9	2
181	Metronidazole photocatalytic degradation by zinc oxide nanoparticles synthesized in watermelon peel extract; Advanced optimization, simulation and numerical models using machine learning applications. <i>Environmental Research</i> , 2022 , 113537	7.9	0
180	Sustainable approaches for nickel removal from wastewater using bacterial biomass and nanocomposite adsorbents: A review. <i>Chemosphere</i> , 2021 , 132862	8.4	1
179	Reusability performance of green zinc oxide nanoparticles for photocatalysis of bathroom greywater. <i>Water Practice and Technology</i> , 2021 , 16, 364-376	0.9	4
178	Factors Affecting Carbonation Depth in Foamed Concrete Bricks for Accelerate CO2 Sequestration. <i>Sustainability</i> , 2021 , 13, 10999	3.6	1
177	Photocatalytic degradation of triclocarban in aqueous solution using a modified zeolite/TiO composite: kinetic, mechanism study and toxicity assessment. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	
176	Nanoparticles approach to eradicate bacterial biofilm-related infections: A critical review. <i>Chemosphere</i> , 2021 , 288, 132603	8.4	2
175	Enhanced Pharmaceutically Active Compounds Productivity from SUK 25: Optimization, Characterization, Mechanism and Techno-Economic Analysis. <i>Molecules</i> , 2021 , 26,	4.8	2
174	Potential of Anti-Cancer Activity of Secondary Metabolic Products from Marine Fungi. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	5
173	Application of a novel nanocomposites carbon nanotubes functionalized with mesoporous silica-nitrenium ions (CNT-MS-N) in nitrate removal: Optimizations and nonlinear and linear regression analysis. <i>Environmental Technology and Innovation</i> , 2021 , 22, 101428	7	6
172	Biodiversity of Secondary Metabolites Compounds Isolated from Phylum Actinobacteria and Its Therapeutic Applications. <i>Molecules</i> , 2021 , 26,	4.8	8
171	Meat processing wastewater Phycoremediation by Botryococcus sp.: a biokinetic study and a techno-economic analysis. <i>Separation Science and Technology</i> , 2021 , 56, 577-591	2.5	14
170	Photocatalysis of xenobiotic organic compounds in greywater using zinc oxide nanoparticles: a critical review. <i>Water and Environment Journal</i> , 2021 , 35, 190-217	1.7	10
169	Adsorption of heavy metals from mining effluents using honeydew peels activated carbon; isotherm, kinetic and column studies. <i>Journal of Dispersion Science and Technology</i> , 2021 , 42, 715-729	1.5	3
168	Advanced technologies for poultry slaughterhouse wastewater treatment: A systematic review. <i>Journal of Dispersion Science and Technology</i> , 2021 , 42, 880-899	1.5	20
167	Potential of cassava peels as a sustainable coagulant aid for institutional wastewater treatment: Characterisation, optimisation and techno-economic analysis. <i>Chemical Engineering Journal</i> , 2021 , 420, 127642	14.7	6
166	Harvesting of Scenedesmus sp. after phycoremediation of meat processing wastewater; optimization of flocculation and chemical analysis of biomass. <i>Journal of Chemical Technology and Biotechnology</i> , 2021 , 96, 254-261	3.5	4

165	A low-cost treatment system for underground water using <i>Moringa oleifera</i> seeds and <i>Musa cavendish</i> peels for remote communities. <i>Journal of Chemical Technology and Biotechnology</i> , 2021 , 96, 680-696	3.5	2
164	Green ZnO nanoparticles photocatalyst for efficient BR51 degradation: Kinetics and mechanism study. <i>Environmental Progress and Sustainable Energy</i> , 2021 , 40, e13559	2.5	6
163	Optimizing vertical flow aerated steel slag filter system with nitrifiers bacteria for nutrients' removal from domestic wastewater: a pilot study. <i>Journal of Chemical Technology and Biotechnology</i> , 2021 , 96, 1067-1079	3.5	1
162	Monitoring of river and marine water quality at Sarawak baseline. <i>Environmental Forensics</i> , 2021 , 22, 219-240	1.6	1
161	Supercritical fluid extraction of four aromatic herbs and assessment of the volatile compositions, bioactive compounds, antibacterial, and anti-biofilm activity. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 25479-25492	5.1	7
160	Characterization of <i>Coriandrum sativum</i> leaves as a sustainable green biosorbent. <i>Materials Today: Proceedings</i> , 2021 , 47, 1345-1349	1.4	1
159	Optimisation of carbon dioxide sequestration into bio-foamed concrete bricks pores using <i>Bacillus tequilensis</i> . <i>Journal of CO2 Utilization</i> , 2021 , 44, 101412	7.6	9
158	Influence of Nitrogen and Phosphorus on Microalgal Growth, Biomass, Lipid, and Fatty Acid Production: An Overview. <i>Cells</i> , 2021 , 10,	7.9	54
157	Optimizing of Microalgae <i>Scenedesmus</i> sp. Biomass Production in Wet Market Wastewater Using Response Surface Methodology. <i>Sustainability</i> , 2021 , 13, 2216	3.6	6
156	Takakura composting method for food wastes from small and medium industries with indigenous compost. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 65513-65524	5.1	0
155	The Use of Calcium Lactate to Enhance the Durability and Engineering Properties of Bioconcrete. <i>Sustainability</i> , 2021 , 13, 9269	3.6	2
154	Optimization of Bio-Foamed Concrete Brick Strength via Bacteria Based Self-Healing and Bio-Sequestration of CO. <i>Materials</i> , 2021 , 14,	3.5	5
153	Biowastes of slaughterhouses and wet markets: an overview of waste management for disease prevention. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	2
152	Sustainable approaches for removal of cephalexin antibiotic from non-clinical environments: A critical review. <i>Journal of Hazardous Materials</i> , 2021 , 417, 126040	12.8	9
151	Quantitative microbiological risk assessment of complex microbial community in Prawn farm wastewater and applicability of nanoparticles and probiotics for eliminating of antibiotic-resistant bacteria. <i>Journal of Hazardous Materials</i> , 2021 , 419, 126418	12.8	5
150	Engineered nanoparticles for removal of pollutants from wastewater: Current status and future prospects of nanotechnology for remediation strategies. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106160	6.8	20
149	A sustainable enhancement of bio-cement using immobilised <i>Bacillus sphaericus</i> : Optimization, microstructural properties, and techno-economic analysis for a cleaner production of bio-cementitious mortars. <i>Journal of Cleaner Production</i> , 2021 , 318, 128470	10.3	5
148	Bio-inspired ZnO NPs synthesized from <i>Citrus sinensis</i> peels extract for Congo red removal from textile wastewater via photocatalysis: Optimization, mechanisms, techno-economic analysis. <i>Chemosphere</i> , 2021 , 281, 130661	8.4	15

147	Cephalexin removal by a novel Cu-Zn bionanocomposite biosynthesized in secondary metabolic products of <i>Aspergillus arenarioides</i> EAN603 with pumpkin peels medium: Optimization, kinetic and artificial neural network models. <i>Journal of Hazardous Materials</i> , 2021 , 419, 126500	12.8	5
146	Green approach and strategies for wastewater treatment using bioelectrochemical systems: A critical review of fundamental concepts, applications, mechanism, and future trends. <i>Chemosphere</i> , 2021 , 285, 131373	8.4	5
145	Phytotoxicity evaluation of ZnO nanoparticles synthesized from <i>Coriandrum sativum</i> leaf extract. <i>Materials Today: Proceedings</i> , 2021 , 47, 1336-1340	1.4	3
144	Evaluating the Pressure and Loss Behavior in Water Pipes Using Smart Mathematical Modelling. <i>Water (Switzerland)</i> , 2021 , 13, 3500	3	2
143	Removal of Basic Brown 16 from Aqueous Solution Using Durian Shell Adsorbent, Optimisation and Techno-Economic Analysis. <i>Sustainability</i> , 2020 , 12, 8928	3.6	10
142	Treatment of Palm Oil Refinery Effluent Using Tannin as a Polymeric Coagulant: Isotherm, Kinetics, and Thermodynamics Analyses. <i>Polymers</i> , 2020 , 12,	4.5	10
141	Photodegradation of basic red 51 in hair dye greywater by zinc oxide nanoparticles using central composite design. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2020 , 130, 567-588	1.6	13
140	Monitoring of sewage pollution in the surface sediments of coastal ecosystems using linear alkylbenzenes (LABs) as molecular markers. <i>Journal of Soils and Sediments</i> , 2020 , 20, 3230-3242	3.4	4
139	Removal of phosphate from wastewater by steel slag with high calcium oxide column filter system; efficiencies and mechanisms study. <i>Journal of Chemical Technology and Biotechnology</i> , 2020 , 95, 3232-3240	2.5	6
138	Linear alkylbenzenes in surface sediments of an estuarine and marine environment in peninsular Malaysia. <i>Marine Pollution Bulletin</i> , 2020 , 153, 111013	6.7	3
137	Decolourization of Dye Wastewater by A Malaysian isolate of <i>Aspergillus iizukae</i> 605EAN Strain: A Biokinetic, Mechanism and Microstructure Study. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 1-24	1.8	4
136	Efficiencies and mechanisms of steel slag with ferric oxides for removing phosphate from wastewater using a column filter system. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 35184-35194	5.1	6
135	Advanced methods for activated carbon from agriculture wastes; a comprehensive review. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 1-25	1.8	11
134	A systematic review on bio-sequestration of carbon dioxide in bio-concrete systems: a future direction. <i>European Journal of Environmental and Civil Engineering</i> , 2020 , 1-20	1.5	19
133	Photocatalytic degradation of basic red 51 dye in artificial bathroom greywater using zinc oxide nanoparticles. <i>Materials Today: Proceedings</i> , 2020 , 31, 136-139	1.4	9
132	Optimizing decomposition of food wastes using response surface methodology. <i>Materials Today: Proceedings</i> , 2020 , 31, 96-99	1.4	1
131	Decolourisation of dyes in greywater by mycoremediation and mycosorption process of fungi from peatland; primary study. <i>Materials Today: Proceedings</i> , 2020 , 31, 23-30	1.4	2
130	Optimizing of heavy metals removal from car wash wastewater by chitosan-ceramic beads using response surface methodology. <i>Materials Today: Proceedings</i> , 2020 , 31, 43-47	1.4	6

129	Physical properties of fish feed containing household waste as an alternative substitute in newly developed soft-dry fish feed for red tilapia. <i>Materials Today: Proceedings</i> , 2020 , 31, 65-68	1.4	
128	Determination of linear alkylbenzenes (LABs) in mangrove ecosystems using the oyster <i>Crassostrea belcheri</i> as a biosensor. <i>Marine Pollution Bulletin</i> , 2020 , 154, 111115	6.7	3
127	Effects of direct discharge of domestic greywater to nearby water body. <i>Materials Today: Proceedings</i> , 2020 , 31, A126-A136	1.4	2
126	Microalgae Production in Fresh Market Wastewater and Its Utilization as a Protein Substitute in Formulated Fish Feed for <i>Oreochromis Spp.</i> . <i>Water Science and Technology Library</i> , 2020 , 77-88	0.3	
125	Microbial Fuel Cells: A Green and Alternative Source for Bioenergy Production. <i>Water Science and Technology Library</i> , 2020 , 89-99	0.3	
124	Management Practices of Fresh Market Wastes and Impacts on Environmental Health. <i>Water Science and Technology Library</i> , 2020 , 1-15	0.3	
123	Reduction of Seafood Processing Wastewater Using Technologies Enhanced by SwimBed Technology. <i>Water Science and Technology Library</i> , 2020 , 101-117	0.3	
122	Optimization Of Microbial Consortium (AB-101) Performance In Palm Oil Mill Effluent (POME) Treatment Via Response Surface Methodology (RSM). <i>Biointerface Research in Applied Chemistry</i> , 2020 , 11, 9242-9252	2.8	2
121	Treatment Technologies of Fresh Market Wastewater. <i>Water Science and Technology Library</i> , 2020 , 59-76	0.3	
120	Discharge quality of bathroom greywater effects on soil and treatment by solar water distillation. <i>Materials Today: Proceedings</i> , 2020 , 31, A98-A105	1.4	1
119	Bio-nanotechnology Application in Wastewater Treatment. <i>Water Science and Technology Library</i> , 2020 , 33-58	0.3	
118	Biofilter Aquaponic System for Nutrients Removal from Fresh Market Wastewater. <i>Water Science and Technology Library</i> , 2020 , 119-141	0.3	
117	Qualitative Characterization of Healthcare Wastes. <i>Water Science and Technology Library</i> , 2020 , 167-178	0.3	1
116	Natural Coagulates for Wastewater Treatment; A Review for Application and Mechanism. <i>Water Science and Technology Library</i> , 2020 , 17-31	0.3	2
115	Mycoremediation of Remazol Brilliant Blue R in greywater by a novel local strain of <i>Aspergillus iizukae</i> 605EAN: optimisation and mechanism study. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 100, 1650-1668	1.8	7
114	Development of dual water supply using rooftop rainwater harvesting and groundwater systems. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	5
113	Oxidative enzymes from newly local strain <i>Aspergillus iizukae</i> EAN605 using pumpkin peels as a production substrate: Optimized production, characterization, application and techno-economic analysis. <i>Journal of Hazardous Materials</i> , 2020 , 386, 121954	12.8	18
112	Removal of heavy metals from mining effluents in tile and electroplating industries using honeydew peel activated carbon: A microstructure and techno-economic analysis. <i>Journal of Cleaner Production</i> , 2020 , 251, 119738	10.3	41

111	Disinfection Methods and Survival of SARS-CoV-2 in the Environment and Contaminated Materials: A Bibliometric Analysis. <i>Sustainability</i> , 2020 , 12, 7378	3.6	10
110	Bacteria Load Assessment at Sungai Benut in Simpang Renggam, Johor. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 498, 012061	0.3	
109	A Review on Green Synthesis of ZnO Nanoparticles Using Coriandrum Sativum Leaf Extract For Degrading Dyes in Textile Wastewater: A Prospect Towards Green Chemistry. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 736, 042003	0.4	6
108	Conventional and advanced treatment technologies for palm oil mill effluents: a systematic literature review. <i>Journal of Dispersion Science and Technology</i> , 2020 , 1-19	1.5	6
107	Determination of Heavy Metal Concentration of Benut River at Simpang Renggam, Johor. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 498, 012075	0.3	0
106	Biosorption potential of lead tolerant fungi isolated from refuse dumpsite soil in Nigeria. <i>Acta Scientiarum - Biological Sciences</i> , 2020 , 42, e46753	0.3	1
105	The Application of Modified Natural Polymers in Toxicant Dye Compounds Wastewater: A Review. <i>Water (Switzerland)</i> , 2020 , 12, 2032	3	15
104	Adsorption of ammonium from wastewater treatment plant effluents onto the zeolite; A plug-flow column, optimisation, dynamic and isotherms studies. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 1-22	1.8	1
103	Inactivating pathogenic bacteria in greywater by biosynthesized Cu/Zn nanoparticles from secondary metabolite of <i>Aspergillus iizukae</i> ; optimization, mechanism and techno economic analysis. <i>PLoS ONE</i> , 2019 , 14, e0221522	3.7	14
102	Mycoremediation of Xenobiotic Organic Compounds for a Sustainable Environment: A Critical Review. <i>Topics in Current Chemistry</i> , 2019 , 377, 17	7.2	29
101	Xenobiotic Organic Compounds in Greywater and Environmental Health Impacts. <i>Water Science and Technology Library</i> , 2019 , 89-108	0.3	5
100	Reuse of Greywater for Irrigation Purpose. <i>Water Science and Technology Library</i> , 2019 , 73-87	0.3	
99	Qualitative Characterization of Household Greywater in Developing Countries: A Comprehensive Review. <i>Water Science and Technology Library</i> , 2019 , 1-31	0.3	1
98	Phycoremediation: A Green Technology for Nutrient Removal from Greywater. <i>Water Science and Technology Library</i> , 2019 , 149-162	0.3	1
97	Bioremediation of Xenobiotic Organic Compounds in Greywater by Fungi Isolated from Peatland, a Future Direction. <i>Water Science and Technology Library</i> , 2019 , 163-183	0.3	1
96	Centralised and Decentralised Transport Systems for Greywater and the Application of Nanotechnology for Treatment Processes. <i>Water Science and Technology Library</i> , 2019 , 227-244	0.3	2
95	A Potential Reuse of Greywater in Developed and Developing Countries. <i>Water Science and Technology Library</i> , 2019 , 109-124	0.3	
94	Treatment Technologies of Household Greywater. <i>Water Science and Technology Library</i> , 2019 , 125-147	0.3	

93	Preliminary Assessment of Teknologi Lake Quality Status at Universiti Tun Hussein Onn Malaysia (UTHM) Campus in Parit Raja, Johor, Malaysia. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 601, 012013	0.4	
92	Improvement of mechanical properties of bio-concrete using <i>Enterococcus faecalis</i> and <i>Bacillus cereus</i> . <i>Environmental Engineering Research</i> , 2019 , 24, 630-637	3.6	7
91	Determination of Pathogens in Greywater. <i>Water Science and Technology Library</i> , 2019 , 51-72	0.3	
90	Disinfection Technologies for Household Greywater. <i>Water Science and Technology Library</i> , 2019 , 185-203.	3	
89	Development In-House: A Trap Method for Pretreatment of Fat, Oil, and Grease in Kitchen Wastewater 2019 , 1351-1365		
88	Removal of Pharmaceutically Active Compounds from Contaminated Water and Wastewater Using Biochar as Low-Cost Adsorbents, An Overview 2019 , 951-959		
87	Treatment of Domestic Gray Water by Multicomponent Filters 2019 , 1341-1350		
86	Wastewater Phycoremediation by Microalgae for Sustainable Bioproduct Production 2019 , 3-12		
85	Removal of Nutrients from Meat Processing Wastewater Through the Phycoremediation Process. <i>Water Science and Technology Library</i> , 2019 , 245-263	0.3	2
84	Consequences of the Improper Disposal of Greywater. <i>Water Science and Technology Library</i> , 2019 , 33-50.	0.3	2
83	Optimising of <i>Scenedesmus</i> sp. biomass production in chicken slaughterhouse wastewater using response surface methodology and potential utilisation as fish feeds. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 12089-12108	5.1	11
82	Microalgal biomass production through phycoremediation of fresh market wastewater and potential applications as aquaculture feeds. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 3228-3242	5.1	24
81	Locally Derived Activated Carbon From Domestic, Agricultural and Industrial Wastes for the Treatment of Palm Oil Mill Effluent 2019 , 35-62		4
80	Principles and Mechanism of Adsorption for the Effective Treatment of Palm Oil Mill Effluent for Water Reuse 2019 , 1-33		8
79	Optimizing of pharmaceutical active compounds biodegradability in secondary effluents by β -lactamase from <i>Bacillus subtilis</i> using central composite design. <i>Journal of Hazardous Materials</i> , 2019 , 365, 883-894	12.8	23
78	Recycle of Greywater for Microalgae Biomass Production. <i>Water Science and Technology Library</i> , 2019 , 205-226	0.3	5
77	<i>Scenedesmus</i> Biomass Productivity and Nutrient Removal from Wet Market Wastewater, A Bio-kinetic Study. <i>Waste and Biomass Valorization</i> , 2019 , 10, 2783-2800	3.2	29
76	The Use of Palm Oil-Based Waste Cooking Oil to Enhance the Production of Polyhydroxybutyrate [P(3HB)] by <i>Cupriavidus necator</i> H16 Strain. <i>Arabian Journal for Science and Engineering</i> , 2018 , 43, 3453-3463	2.5	20

75	Effect of detergents from laundry greywater on soil properties: a preliminary study. <i>Applied Water Science</i> , 2018 , 8, 1	5	19
74	Phycoremediation of Heavy Metals in Wet Market Wastewater. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 140, 012017	0.3	3
73	New Medium for Isolation of Bacteria From Cement Kiln Dust with a Potential to Apply in Bio-Concrete. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 140, 012155	0.3	3
72	Optimization of ceramic waste filter for bathroom greywater treatment using central composite design (CCD). <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 1578-1588	6.8	21
71	Determination of Mercury in Human Blood and Hair Samples from the People Living Environment Adjacent to Petrochemical Industry Zone in Libya. <i>Advances in Science, Technology and Innovation</i> , 2018 , 1999-2002	0.3	0
70	Heavy Metals Assessment in Environments Adjacent to Petrochemical Industry Zone in Libya. <i>Advances in Science, Technology and Innovation</i> , 2018 , 2021-2023	0.3	
69	Removal of pathogenic bacteria from sewage-treated effluent and biosolids for agricultural purposes. <i>Applied Water Science</i> , 2018 , 8, 1	5	62
68	Mathematical solution of the stone column effect on the load bearing capacity and settlement using numerical analysis. <i>Journal of Physics: Conference Series</i> , 2018 , 995, 012036	0.3	5
67	A Study on Factors Affecting Strength of Solidified Peat through XRD and FESEM Analysis. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 140, 012059	0.3	1
66	Microbial Activity in Peat Soil Treated With Ordinary Portland Cement (OPC) and Coal Ashes. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 140, 012087	0.3	
65	Development In-House: A Trap Method for Pretreatment of Fat, Oil, and Grease in Kitchen Wastewater 2018 , 1-16		1
64	Sequestering of pollutants from public market wastewater using <i>Moringa oleifera</i> and <i>Cicer arietinum</i> flocculants. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 2417-2428	6.8	10
63	Harvesting of <i>Botryococcus</i> sp. Biomass from Greywater by Natural Coagulants. <i>Waste and Biomass Valorization</i> , 2018 , 9, 1841-1853	3.2	5
62	Single Spore Isolation as a Simple and Efficient Technique to obtain fungal pure culture. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 140, 012055	0.3	6
61	A review of potential factors contributing to epidemic cholera in Yemen. <i>Journal of Water and Health</i> , 2018 , 16, 667-680	2.2	6
60	Removal of Pharmaceutically Active Compounds from Contaminated Water and Wastewater Using Biochar as Low-Cost Adsorbents, An Overview 2018 , 1-9		
59	Nutrients removal from artificial bathroom greywater using <i>Botryococcus</i> sp. strain. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 140, 012026	0.3	
58	Site Simulation of Solidified Peat: Lab Monitoring. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 140, 012077	0.3	

57	Characteristics of Air Entrainment in Hydraulic Jump. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 140, 012063	0.3	1
56	Microbiota of Palm Oil Mill Wastewater in Malaysia. <i>Tropical Life Sciences Research</i> , 2018 , 29, 131-163	1.1	8
55	Influence of Potassium on Sapric Peat under Different Environmental Conditions. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 140, 012073	0.3	1
54	Treatment of Domestic Gray Water by Multicomponent Filters 2018 , 1-10		
53	Potential of carbonic anhydrase and urease bacteria for sequestration of CO ₂ into aerated concrete. <i>MATEC Web of Conferences</i> , 2018 , 250, 03004	0.3	5
52	Heavy metals removals from wet market wastewater by phycoremediation technology. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 140, 012060	0.3	1
51	Efficiency of activated carbon from palm kernel shell for treatment of greywater. <i>Arab Journal of Basic and Applied Sciences</i> , 2018 , 25, 103-110	2.9	13
50	Natural organic matter as precursor to disinfection byproducts and its removal using conventional and advanced processes: state of the art review. <i>Journal of Water and Health</i> , 2018 , 16, 681-703	2.2	35
49	Selection of inactivation medium for fungal spores in clinical wastes by supercritical carbon dioxide. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 21682-21692	5.1	6
48	Nutrient Recovery from Domestic Effluent using an Indigenous Strain of <i>Scenedesmus</i> sp.. <i>Clean - Soil, Air, Water</i> , 2018 , 46, 1800204	1.6	2
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43	Reduction of bacteria in storage system of sewage effluents. <i>Sustainable Water Resources Management</i> , 2017 , 3, 193-203	1.9	5
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33	Bio-removal of Nickel ions by <i>Sporosarcina pasteurii</i> and <i>Bacillus megaterium</i> , A Comparative Study. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 226, 012044	0.4	5
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30	Treatment of Wastewater From Car Washes Using Natural Coagulation and Filtration System. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 136, 012046	0.4	10
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28	Production and harvesting of microalgae biomass from wastewater: a critical review. <i>Environmental Technology Reviews</i> , 2016 , 5, 39-56	7.7	28
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21	A Review on Biofuel and Bioresources for Environmental Applications 2016 , 205-225		9
20	Recycling of sewage sludge as production medium for cellulase by a <i>Bacillus megaterium</i> strain. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2015 , 4, 105-119	3.1	16
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17	Supercritical Carbon Dioxide as Non-Thermal Alternative Technology for Safe Handling of Clinical Wastes. <i>Environmental Processes</i> , 2015 , 2, 797-822	2.8	33
16	Effectiveness of selected wastewater treatment plants in Yemen for reduction of faecal indicators and pathogenic bacteria in secondary effluents and sludge. <i>Water Practice and Technology</i> , 2014 , 9, 293-306	0.9	11
15	Biodegradation of Pharmaceutical Wastes in Treated Sewage Effluents by <i>Bacillus subtilis</i> 1556WTNC. <i>Environmental Processes</i> , 2014 , 1, 459-481	2.8	46
14	Biosorption of heavy metals and cephalexin from secondary effluents by tolerant bacteria. <i>Clean Technologies and Environmental Policy</i> , 2014 , 16, 137-148	4.3	34
13	Susceptibility for antibiotics among faecal indicators and pathogenic bacteria in sewage treated effluents. <i>Water Practice and Technology</i> , 2013 , 8, 1-6	0.9	13
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11	Biosorption of nickel by <i>Pseudomonas cepacia</i> 120S and <i>Bacillus subtilis</i> 117S. <i>Water Science and Technology</i> , 2010 , 61, 2994-3007	2.2	33
10	Supercritical CO ₂ separation of lipids from chicken by-product waste for biodiesel production: optimization, kinetics, and thermodynamics modeling. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	2
9	Survival and Disinfection of Sars-Cov-2 in Environment and Contaminated Surface		2
8	Green synthesis of ZnO nanoparticles by <i>Coriandrum sativum</i> leaf extract: structural and optical properties 167, 245-257		16
7	Synthesis of nanoparticles using biological entities: an approach toward biological routes 169, 152-165		6
6	Heterogeneous photocatalysis of triclocarban and triclosan in greywater: a systematic and bibliometric review analysis. <i>International Journal of Environmental Analytical Chemistry</i> , 1-19	1.8	4
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2	Valorization of the chicken by-product waste with supercritical CO2 inactivation of microbes towards sustainable utilization. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	2
1	Assessment of Sewage Molecular Markers in Port Dickson Coast and Kim Kim River with Sediment Linear Alkylbenzenes. <i>Polycyclic Aromatic Compounds</i> ,1-13	1.3	0