A A S Al-Gheethi

List of Publications by Year
in descending order

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219 papers	3,509 citations	172207 29 h-index	223531 46 g-index
225 all docs	225 docs citations	225 times ranked	2468 citing authors

#	Article	IF	Citations
1	Influence of Nitrogen and Phosphorus on Microalgal Growth, Biomass, Lipid, and Fatty Acid Production: An Overview. Cells, 2021, 10, 393.	1.8	189
2	Sustainable approaches for removing Rhodamine B dye using agricultural waste adsorbents: A review. Chemosphere, 2022, 287, 132080.	4.2	156
3	Photocatalytic degradation of disperse azo dyes in textile wastewater using green zinc oxide nanoparticles synthesized in plant extract: A critical review. Journal of Water Process Engineering, 2022, 47, 102705.	2.6	107
4	Removal of pathogenic bacteria from sewage-treated effluent and biosolids for agricultural purposes. Applied Water Science, 2018, 8, 1.	2.8	103
5	Elimination of rhodamine B from textile wastewater using nanoparticle photocatalysts: A review for sustainable approaches. Chemosphere, 2022, 287, 132162.	4.2	95
6	The dual roles of phycoremediation of wet market wastewater for nutrients and heavy metals removal and microalgae biomass production. Clean Technologies and Environmental Policy, 2017, 19, 37-52.	2.1	90
7	Engineered nanoparticles for removal of pollutants from wastewater: Current status and future prospects of nanotechnology for remediation strategies. Journal of Environmental Chemical Engineering, 2021, 9, 106160.	3.3	74
8	Removal of heavy metals and antibiotics from treated sewage effluent by bacteria. Clean Technologies and Environmental Policy, 2015, 17, 2101-2123.	2.1	71
9	Natural organic matter as precursor to disinfection byproducts and its removal using conventional and advanced processes: state of the art review. Journal of Water and Health, 2018, 16, 681-703.	1.1	66
10	Removal of heavy metals from mining effluents in tile and electroplating industries using honeydew peel activated carbon: AÂmicrostructure and techno-economic analysis. Journal of Cleaner Production, 2020, 251, 119738.	4.6	64
11	Biodegradation of Pharmaceutical Wastes in Treated Sewage Effluents by Bacillus subtilis 1556WTNC. Environmental Processes, 2014, 1, 459-481.	1.7	56
12	Bio-inspired ZnO NPs synthesized from Citrus sinensis peels extract for Congo red removal from textile wastewater via photocatalysis: Optimization, mechanisms, techno-economic analysis. Chemosphere, 2021, 281, 130661.	4.2	51
13	Prospects of MXenes in energy storage applications. Chemosphere, 2022, 297, 134225.	4.2	50
14	Advanced technologies for poultry slaughterhouse wastewater treatment: A systematic review. Journal of Dispersion Science and Technology, 2021, 42, 880-899.	1.3	48
15	An overview of the utilisation of microalgae biomass derived from nutrient recycling of wet market wastewater and slaughterhouse wastewater. International Aquatic Research, 2017, 9, 177-193.	1.5	47
16	The Application of Modified Natural Polymers in Toxicant Dye Compounds Wastewater: A Review. Water (Switzerland), 2020, 12, 2032.	1.2	46
17	Biosorption of heavy metals and cephalexin from secondary effluents by tolerant bacteria. Clean Technologies and Environmental Policy, 2014, 16, 137-148.	2.1	42
18	Optimization of operating parameters of novel composite adsorbent for organic pollutants removal from POME using response surface methodology. Chemosphere, 2017, 174, 232-242.	4.2	41

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19	Harvesting of microalgae biomass from the phycoremediation process of greywater. Environmental Science and Pollution Research, 2016, 23, 24624-24641.	2.7	40
20	Biosorption of nickel by Pseudomonas cepacia 120S and Bacillus subtilis 117S. Water Science and Technology, 2010, 61, 2994-3007.	1.2	38
21	Supercritical Carbon Dioxide as Non-Thermal Alternative Technology for Safe Handling of Clinical Wastes. Environmental Processes, 2015, 2, 797-822.	1.7	37
22	Production and harvesting of microalgae biomass from wastewater: a critical review. Environmental Technology Reviews, 2016, 5, 39-56.	2.1	36
23	Reduction of microbial risk associated with greywater by disinfection processes for irrigation. Journal of Water and Health, 2016, 14, 379-398.	1.1	35
24	Myco-Remediation of Xenobiotic Organic Compounds for a Sustainable Environment: A Critical Review. Topics in Current Chemistry, 2019, 377, 17.	3.0	35
25	Scenedesmus Biomass Productivity and Nutrient Removal from Wet Market Wastewater, A Bio-kinetic Study. Waste and Biomass Valorization, 2019, 10, 2783-2800.	1.8	35
26	Fabrication and characterization of chitosan/gelatin films loaded with microcapsules of Pulicaria jaubertii extract. Food Hydrocolloids, 2022, 129, 107624.	5.6	35
27	Household greywater treatment methods using natural materials and their hybrid system. Journal of Water and Health, 2016, 14, 914-928.	1.1	34
28	Microalgal biomass production through phycoremediation of fresh market wastewater and potential applications as aquaculture feeds. Environmental Science and Pollution Research, 2019, 26, 3226-3242.	2.7	34
29	An overview of MXene-Based nanomaterials and their potential applications towards hazardous pollutant adsorption. Chemosphere, 2022, 298, 134221.	4.2	34
30	Bioaugmentation process of secondary effluents for reduction of pathogens, heavy metals and antibiotics. Journal of Water and Health, 2016, 14, 780-795.	1.1	31
31	Biodiversity of Secondary Metabolites Compounds Isolated from Phylum Actinobacteria and Its Therapeutic Applications. Molecules, 2021, 26, 4504.	1.7	31
32	Optimization of ceramic waste filter for bathroom greywater treatment using central composite design (CCD). Journal of Environmental Chemical Engineering, 2018, 6, 1578-1588.	3.3	30
33	Advanced methods for activated carbon from agriculture wastes; a comprehensive review. International Journal of Environmental Analytical Chemistry, 2022, 102, 134-158.	1.8	30
34	Ciprofloxacin removal from non-clinical environment: A critical review of current methods and future trend prospects. Journal of Water Process Engineering, 2022, 47, 102725.	2.6	30
35	Optimizing of pharmaceutical active compounds biodegradability in secondary effluents by Î²-lactamase from Bacillus subtilis using central composite design. Journal of Hazardous Materials, 2019, 365, 883-894.	6.5	28
36	Oxidative enzymes from newly local strain Aspergillus iizukae EAN605 using pumpkin peels as a production substrate: Optimized production, characterization, application and techno-economic analysis. Journal of Hazardous Materials, 2020, 386, 121954.	6.5	28

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37	The Use of Palm Oil-Based Waste Cooking Oil to Enhance the Production of Polyhydroxybutyrate [P(3HB)] by Cupriavidus necator H16 Strain. Arabian Journal for Science and Engineering, 2018, 43, 3453-3463.	1.7	27
38	Potential of cassava peels as a sustainable coagulant aid for institutional wastewater treatment: Characterisation, optimisation and techno-economic analysis. Chemical Engineering Journal, 2021, 420, 127642.	6.6	27
39	Green approach and strategies for wastewater treatment using bioelectrochemical systems: A critical review of fundamental concepts, applications, mechanism, and future trends. Chemosphere, 2021, 285, 131373.	4.2	27
40	Removal of Basic Brown 16 from Aqueous Solution Using Durian Shell Adsorbent, Optimisation and Techno-Economic Analysis. Sustainability, 2020, 12, 8928.	1.6	26
41	Effect of detergents from laundry greywater on soil properties: a preliminary study. Applied Water Science, 2018, 8, 1.	2.8	25
42	A systematic review on bio-sequestration of carbon dioxide in bio-concrete systems: a future direction. European Journal of Environmental and Civil Engineering, 2022, 26, 1209-1228.	1.0	25
43	Applicability of bio-synthesized nanoparticles in fungal secondary metabolites products and plant extracts for eliminating antibiotic-resistant bacteria risks in non-clinical environments. Environmental Research, 2022, 209, 112831.	3.7	25
44	Removal of nutrients and organic pollutants from household greywater by phycoremediation for safe disposal. International Journal of Energy and Environmental Engineering, 2017, 8, 259-272.	1.3	24
45	Sustainable approaches for removal of cephalexin antibiotic from non-clinical environments: A critical review. Journal of Hazardous Materials, 2021, 417, 126040.	6.5	24
46	Recent progress and new perspective of MXene-based membranes for water purification: A review. Ceramics International, 2022, 48, 16477-16491.	2.3	23
47	Inactivation of Aspergillus Spores in Clinical Wastes by Supercritical Carbon Dioxide. Arabian Journal for Science and Engineering, 2017, 42, 39-51.	1.7	22
48	Inactivating pathogenic bacteria in greywater by biosynthesized Cu/Zn nanoparticles from secondary metabolite of Aspergillus iizukae; optimization, mechanism and techno economic analysis. PLoS ONE, 2019, 14, e0221522.	1.1	22
49	Influence of pathogenic bacterial activity on growth of Scenedesmus sp. and removal of nutrients from public market wastewater. Journal of Water and Health, 2017, 15, 741-756.	1.1	21
50	Optimisation of carbon dioxide sequestration into bio-foamed concrete bricks pores using Bacillus tequilensis. Journal of CO2 Utilization, 2021, 44, 101412.	3.3	21
51	Nanoparticles approach to eradicate bacterial biofilm-related infections: A critical review. Chemosphere, 2022, 288, 132603.	4.2	21
52	Recycling of sewage sludge as production medium for cellulase by a Bacillus megaterium strain. International Journal of Recycling of Organic Waste in Agriculture, 2015, 4, 105-119.	2.0	20
53	Treatment of Wastewater From Car Washes Using Natural Coagulation and Filtration System. IOP Conference Series: Materials Science and Engineering, 2016, 136, 012046.	0.3	20
54	Multiâ€component Filters for Domestic Graywater Treatment in Village Houses. Journal - American Water Works Association, 2016, 108, .	0.2	20

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55	Efficiency of activated carbon from palm kernel shell for treatment of greywater. Arab Journal of Basic and Applied Sciences, 2018, 25, 103-110.	1.0	20
56	Supercritical fluid extraction of four aromatic herbs and assessment of the volatile compositions, bioactive compounds, antibacterial, and anti-biofilm activity. Environmental Science and Pollution Research, 2021, 28, 25479-25492.	2.7	20
57	Potential of Anti-Cancer Activity of Secondary Metabolic Products from Marine Fungi. Journal of Fungi (Basel, Switzerland), 2021, 7, 436.	1.5	19
58	Removal of arsenic from wastewater by using different technologies and adsorbents: a review. International Journal of Environmental Science and Technology, 2022, 19, 9243-9266.	1.8	19
59	Efficiency ofMoringa oleiferaSeeds for Treatment of Laundry Wastewater. MATEC Web of Conferences, 2017, 103, 06001.	0.1	18
60	Microbiota of Palm Oil Mill Wastewater in Malaysia. Tropical Life Sciences Research, 2018, 29, 131-163.	0.5	18
61	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. Environmental Technology and Innovation, 2021, 22, 101428.	3.0	18
62	Green synthesis of ZnO nanoparticles by Coriandrum sativum leaf extract: structural and optical properties. , 0, 167, 245-257.		18
63	Supercritical Fluid CO₂ Technique for Destruction of Pathogenic Fungal Spores in Solid Clinical Wastes. Clean - Soil, Air, Water, 2016, 44, 1700-1708.	0.7	17
64	Assessment of relevant fungal species in clinical solid wastes. Environmental Science and Pollution Research, 2016, 23, 19806-19824.	2.7	17
65	Protein and Lipid Content of Microalgae Scenedesmus sp. Biomass Grown in Wet Market Wastewater. MATEC Web of Conferences, 2017, 103, 06011.	0.1	17
66	Optimising of Scenedesmus sp. biomass production in chicken slaughterhouse wastewater using response surface methodology and potential utilisation as fish feeds. Environmental Science and Pollution Research, 2019, 26, 12089-12108.	2.7	17
67	Treatment of Palm Oil Refinery Effluent Using Tannin as a Polymeric Coagulant: Isotherm, Kinetics, and Thermodynamics Analyses. Polymers, 2020, 12, 2353.	2.0	17
68	Photodegradation of basic red 51 in hair dye greywater by zinc oxide nanoparticles using central composite design. Reaction Kinetics, Mechanisms and Catalysis, 2020, 130, 567-588.	0.8	16
69	Meat processing wastewater Phycoremediation by Botryococcus sp.: a biokinetic study and a techno-economic analysis. Separation Science and Technology, 2021, 56, 577-591.	1.3	16
70	Quantitative microbiological risk assessment of complex microbial community in Prawn farm wastewater and applicability of nanoparticles and probiotics for eliminating of antibiotic-resistant bacteria. Journal of Hazardous Materials, 2021, 419, 126418.	6.5	16
71	A sustainable enhancement of bio-cement using immobilised Bacillus sphaericus: Optimization, microstructural properties, and techno-economic analysis for a cleaner production of bio-cementitious mortars. Journal of Cleaner Production, 2021, 318, 128470.	4.6	16
72	Reusability performance of green zinc oxide nanoparticles for photocatalysis of bathroom greywater. Water Practice and Technology, 2021, 16, 364-376.	1.0	16

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73	Potential of bacterial consortium for removal of cephalexin from aqueous solution. Journal of the Association of Arab Universities for Basic and Applied Sciences, 2017, 24, 141-148.	1.0	15
74	Single Spore Isolation as a Simple and Efficient Technique to obtain fungal pure culture. IOP Conference Series: Earth and Environmental Science, 2018, 140, 012055.	0.2	15
75	Photocatalysis of xenobiotic organic compounds in greywater using zinc oxide nanoparticles: a critical review. Water and Environment Journal, 2021, 35, 190-217.	1.0	15
76	Biowastes of slaughterhouses and wet markets: an overview of waste management for disease prevention. Environmental Science and Pollution Research, 2023, 30, 71780-71793.	2.7	15
77	Susceptibility for antibiotics among faecal indicators and pathogenic bacteria in sewage treated effluents. Water Practice and Technology, 2013, 8, 1-6.	1.0	14
78	Effectiveness of selected wastewater treatment plants in Yemen for reduction of faecal indicators and pathogenic bacteria in secondary effluents and sludge. Water Practice and Technology, 2014, 9, 293-306.	1.0	14
79	Mercury pollution for marine environment at Farwa Island, Libya. Journal of Environmental Health Science & Engineering, 2016, 14, 5.	1.4	14
80	Removal of Heavy Metal Ions From Aqueous Solutions Using Bacillus subtilis Biomass Preâ€Treated by Supercritical Carbon Dioxide. Clean - Soil, Air, Water, 2017, 45, 1700356.	0.7	14
81	Principles and Mechanism of Adsorption for the Effective Treatment of Palm Oil Mill Effluent for Water Reuse. , 2019, , 1-33.		14
82	Adsorption of Zn2+ from Synthetic Wastewater Using Dried Watermelon Rind (D-WMR): An Overview of Nonlinear and Linear Regression and Error Analysis. Molecules, 2021, 26, 6176.	1.7	14
83	A Review on Biofuel and Bioresources for Environmental Applications. , 2016, , 205-225.		13
84	Disinfection Methods and Survival of SARS-CoV-2 in the Environment and Contaminated Materials: A Bibliometric Analysis. Sustainability, 2020, 12, 7378.	1.6	13
85	Nipah (Musa Acuminata Balbisiana) banana peel as a lignocellulosic precursor for activated carbon: characterization study after carbonization process with phosphoric acid impregnated activated carbon. Biomass Conversion and Biorefinery, 2023, 13, 11085-11098.	2.9	13
86	Improvement of mechanical properties of bio-concrete using Enterococcus faecalis and Bacillus cereus. Environmental Engineering Research, 2019, 24, 630-637.	1.5	13
87	Solar disinfection and lime stabilization processes for reduction of pathogenic bacteria in sewage effluents and biosolids for agricultural purposes in Yemen. Journal of Water Reuse and Desalination, 2015, 5, 419-429.	1.2	12
88	Sequestering of pollutants from public market wastewater using Moringa oleifera and Cicer arietinum flocculants. Journal of Environmental Chemical Engineering, 2018, 6, 2417-2428.	3.3	12
89	Mycoremediation of Remazol Brilliant Blue R in greywater by a novel local strain of Aspergillus iizukae 605EAN: optimisation and mechanism study. International Journal of Environmental Analytical Chemistry, 2020, 100, 1650-1668.	1.8	12
90	Monitoring of sewage pollution in the surface sediments of coastal ecosystems using linear alkylbenzenes (LABs) as molecular markers. Journal of Soils and Sediments, 2020, 20, 3230-3242.	1.5	12

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91	Removal of phosphate from wastewater by steel slag with high calcium oxide column filter system; efficiencies and mechanisms study. Journal of Chemical Technology and Biotechnology, 2020, 95, 3232-3240.	1.6	12
92	Linear alkylbenzenes in surface sediments of an estuarine and marine environment in peninsular Malaysia. Marine Pollution Bulletin, 2020, 153, 111013.	2.3	12
93	Photocatalytic degradation of basic red 51 dye in artificial bathroom greywater using zinc oxide nanoparticles. Materials Today: Proceedings, 2020, 31, 136-139.	0.9	12
94	Determination of linear alkylbenzenes (LABs) in mangrove ecosystems using the oyster Crassostrea belcheri as a biosensor. Marine Pollution Bulletin, 2020, 154, 111115.	2.3	12
95	Weld strength in solidâ€“state recycling of aluminum chips. Materialwissenschaft Und Werkstofftechnik, 2017, 48, 290-298.	0.5	11
96	Bio-removal of Nickel ions by Sporosarcina pasteurii and Bacillus megaterium, A Comparative Study. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012044.	0.3	11
97	Green <scp>ZnO</scp> nanoparticles photocatalyst for efficient <scp>BR51</scp> degradation: Kinetics and mechanism study. Environmental Progress and Sustainable Energy, 2021, 40, e13559.	1.3	11
98	Optimizing of Microalgae Scenedesmus sp. Biomass Production in Wet Market Wastewater Using Response Surface Methodology. Sustainability, 2021, 13, 2216.	1.6	11
99	Cephalexin removal by a novel Cuâ€“Zn bionanocomposite biosynthesized in secondary metabolic products of Aspergillus arenarioides EAN603 with pumpkin peels medium: Optimization, kinetic and artificial neural network models. Journal of Hazardous Materials, 2021, 419, 126500.	6.5	11
100	Metronidazole photocatalytic degradation by zinc oxide nanoparticles synthesized in watermelon peel extract; Advanced optimization, simulation and numerical models using machine learning applications. Environmental Research, 2022, 212, 113537.	3.7	11
101	Elimination of enteric indicators and pathogenic bacteria in secondary effluents and lake water by solar disinfection (SODIS). Journal of Water Reuse and Desalination, 2013, 3, 39-46.	1.2	10
102	Selection of inactivation medium for fungal spores in clinical wastes by supercritical carbon dioxide. Environmental Science and Pollution Research, 2018, 25, 21682-21692.	2.7	10
103	A review of potential factors contributing to epidemic cholera in Yemen. Journal of Water and Health, 2018, 16, 667-680.	1.1	10
104	Conventional and advanced treatment technologies for palm oil mill effluents: a systematic literature review. Journal of Dispersion Science and Technology, 2021, 42, 1766-1784.	1.3	10
105	Decolourization of Dye Wastewater by A Malaysian isolate of Aspergillus iizukae 605EAN Strain: A Biokinetic, Mechanism and Microstructure Study. International Journal of Environmental Analytical Chemistry, 2021, 101, 1592-1615.	1.8	10
106	Optimizing of heavy metals removal from car wash wastewater by chitosan-ceramic beads using response surface methodology. Materials Today: Proceedings, 2020, 31, 43-47.	0.9	10
107	Adsorption of heavy metals from mining effluents using honeydew peels activated carbon; isotherm, kinetic and column studies. Journal of Dispersion Science and Technology, 2021, 42, 715-729.	1.3	10
108	Environmental Remediation Potential of Ferrous Sulfate Waste as an Eco-Friendly Coagulant for the Removal of NH3-N and COD from the Rubber Processing Effluent. International Journal of Environmental Research and Public Health, 2021, 18, 12427.	1.2	10

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109	Mathematical solution of the stone column effect on the load bearing capacity and settlement using numerical analysis. Journal of Physics: Conference Series, 2018, 995, 012036.	0.3	9
110	Locally Derived Activated Carbon From Domestic, Agricultural and Industrial Wastes for the Treatment of Palm Oil Mill Effluent. , 2019, , 35-62.		9
111	A Review on Green Synthesis of ZnO Nanoparticles Using Coriandrum Sativum Leaf Extract For Degrading Dyes in Textile Wastewater: A Prospect Towards Green Chemistry. IOP Conference Series: Materials Science and Engineering, 2020, 736, 042003.	0.3	9
112	Heterogeneous photocatalysis of triclocarban and triclosan in greywater: a systematic and bibliometric review analysis. International Journal of Environmental Analytical Chemistry, 2023, 103, 779-797.	1.8	9
113	Assessment of Sewage Molecular Markers in Port Dickson Coast and Kim Kim River with Sediment Linear Alkylbenzenes. Polycyclic Aromatic Compounds, 2023, 43, 343-355.	1.4	9
114	Harvesting of Botryococcus sp. Biomass from Greywater by Natural Coagulants. Waste and Biomass Valorization, 2018, 9, 1841-1853.	1.8	8
115	Xenobiotic Organic Compounds in Greywater and Environmental Health Impacts. Water Science and Technology Library, 2019, , 89-108.	0.2	8
116	Efficiencies and mechanisms of steel slag with ferric oxides for removing phosphate from wastewater using a column filter system. Environmental Science and Pollution Research, 2020, 27, 35184-35194.	2.7	8
117	Decolourisation of dyes in greywater by mycoremediation and mycosorption process of fungi from peatland; primary study. Materials Today: Proceedings, 2020, 31, 23-30.	0.9	8
118	Optimization of Bio-Foamed Concrete Brick Strength via Bacteria Based Self-Healing and Bio-Sequestration of CO2. Materials, 2021, 14, 4575.	1.3	8
119	Phytotoxicity evaluation of ZnO nanoparticles synthesized from Corriandrum sativum leaf extract. Materials Today: Proceedings, 2021, 47, 1336-1340.	0.9	8
120	Sustainable approaches for nickel removal from wastewater using bacterial biomass and nanocomposite adsorbents: A review. Chemosphere, 2022, 291, 132862.	4.2	8
121	Development of dual water supply using rooftop rainwater harvesting and groundwater systems. SN Applied Sciences, 2020, 2, 1.	1.5	7
122	Harvesting of Scenedesmus sp. after phycoremediation of meat processing wastewater; optimization of flocculation and chemical analysis of biomass. Journal of Chemical Technology and Biotechnology, 2021, 96, 254-261.	1.6	7
123	A lowâ€cost treatment system for underground water using <scp>Moringa oleifera</scp> seeds and Musa cavendish peels for remote communities. Journal of Chemical Technology and Biotechnology, 2021, 96, 680-696.	1.6	7
124	Inactivation of fungal spores from clinical environment by silver bio-nanoparticles; optimization, artificial neural network model and mechanism. Environmental Research, 2022, 204, 111926.	3.7	7
125	Synthesis of nanoparticles using biological entities: an approach toward biological routes. , 0, 169, 152-165.		7
126	Spatial, Temporal, and Demographic Patterns in the Prevalence of Hemorrhagic Septicemia in 41 Countries in 2005â€“2019: A Systematic Analysis with Special Focus on the Potential Development of a New-Generation Vaccine. Vaccines, 2022, 10, 315.	2.1	7

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127	Evaluating the Pressure and Loss Behavior in Water Pipes Using Smart Mathematical Modelling. Water (Switzerland), 2021, 13, 3500.	1.2	7
128	Reduction of bacteria in storage system of sewage effluents. Sustainable Water Resources Management, 2017, 3, 193-203.	1.0	6
129	Potential of carbonic anhydrase and urease bacteria for sequestration of CO₂ into aerated concrete. MATEC Web of Conferences, 2018, 250, 03004.	0.1	6
130	Biosorption potential of lead tolerant fungi isolated from refuse dumpsite soil in Nigeria. Acta Scientiarum - Biological Sciences, 0, 42, e46753.	0.3	6
131	The Use of Calcium Lactate to Enhance the Durability and Engineering Properties of Bioconcrete. Sustainability, 2021, 13, 9269.	1.6	6
132	Factors Affecting Carbonation Depth in Foamed Concrete Bricks for Accelerate CO2 Sequestration. Sustainability, 2021, 13, 10999.	1.6	6
133	Recycle of Greywater for Microalgae Biomass Production. Water Science and Technology Library, 2019, , 205-226.	0.2	5
134	Natural Coagulates for Wastewater Treatment; A Review for Application and Mechanism. Water Science and Technology Library, 2020, , 17-31.	0.2	5
135	Influence of Fresh Palm Fruit Sterilization in the Production of Carotenoid-Rich Virgin Palm Oil. Foods, 2021, 10, 2838.	1.9	5
136	Scenedesmus sp. Harvesting by Using Natural Coagulant after Phycoremediation of Heavy Metals in Different Concentrations of Wet Market Wastewater for Potential Fish Feeds. Sustainability, 2022, 14, 5090.	1.6	5
137	Antibiotics and antibiotic-resistant bacteria in greywater: Challenges of the current treatment situation and predictions of future scenario. Environmental Research, 2022, 212, 113380.	3.7	5
138	Nutrient Recovery from Domestic Effluent using an Indigenous Strain of Scenedesmus sp.. Clean - Soil, Air, Water, 2018, 46, 1800204.	0.7	4
139	Nutrient removal from artificial bathroom greywater by phycoremediation using Botryococcus sp.. , 0, 216, 338-343.		4
140	Enhanced Pharmaceutically Active Compounds Productivity from Streptomyces SUK 25: Optimization, Characterization, Mechanism and Techno-Economic Analysis. Molecules, 2021, 26, 2510.	1.7	4
141	Effects of direct discharge of domestic greywater to nearby water body. Materials Today: Proceedings, 2020, 31, A126-A136.	0.9	4
142	Coagulation and flocculation of printing ink effluent using polyaluminium chloride (PAC): optimization and phytotoxicity study. , 0, 208, 303-311.		4
143	Supercritical CO2 separation of lipids from chicken by-product waste for biodiesel production: optimization, kinetics, and thermodynamics modeling. Biomass Conversion and Biorefinery, 0, , 1.	2.9	4
144	Mathematical prediction models for inactivation of antibiotic-resistant bacteria in kitchen wastewater by bimetallic bionanoparticles using machine learning with gene expression programming. Journal of Cleaner Production, 2022, 333, 130131.	4.6	4

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145	Critical Analysis for Life Cycle Assessment of Bio-Cementitious Materials Production and Sustainable Solutions. Sustainability, 2022, 14, 1920.	1.6	4
146	Microbial fuel cell systems; developments, designs, efficiencies, and trends: A comparative study between the conventional and innovative systems. Chemosphere, 2022, 298, 134244.	4.2	4
147	Microalgae Biomass Recovery Grown in Wet Market Wastewater via Flocculation Method Using Moringa oleifera. Key Engineering Materials, 2017, 744, 542-545.	0.4	3
148	Phycoremediation of Heavy Metals in Wet Market Wastewater. IOP Conference Series: Earth and Environmental Science, 2018, 140, 012017.	0.2	3
149	New Medium for Isolation of Bacteria From Cement Kiln Dust with a Potential to Apply in Bio-Concrete. IOP Conference Series: Earth and Environmental Science, 2018, 140, 012155.	0.2	3
150	Adsorption of ammonium from wastewater treatment plant effluents onto the zeolite; A plug-flow column, optimisation, dynamic and isotherms studies. International Journal of Environmental Analytical Chemistry, 2022, 102, 8445-8466.	1.8	3
151	Monitoring of river and marine water quality at Sarawak baseline. Environmental Forensics, 2021, 22, 219-240.	1.3	3
152	Takakura composting method for food wastes from small and medium industries with indigenous compost. Environmental Science and Pollution Research, 2021, 28, 65513-65524.	2.7	3
153	Novel Coronavirus (2019-nCoV) Outbreak; A Systematic Review for Published Papers. SSRN Electronic Journal, 0, , .	0.4	3
154	Assessment of household greywater discharge from village houses using Streeter-Phelps model in stream. , 0, 179, 8-18.		3
155	Climate change, tsunami and biodiversity endangered at the South China Sea, past, current and prediction models for the future: A comprehensive study. Marine Pollution Bulletin, 2022, 175, 113255.	2.3	3
156	Optimisation of self-healing of bio-foamed concrete bricks pores using Bacillus tequilensis under different temperature and CO2 curing conditions. Scientific Reports, 2022, 12, 2682.	1.6	3
157	Particulate Matter Levels in Ambient Air Adjacent to Industrial Area. IOP Conference Series: Materials Science and Engineering, 2016, 136, 012056.	0.3	2
158	Influence of Potassium on Sapric Peat under Different Environmental Conditions. IOP Conference Series: Earth and Environmental Science, 2018, 140, 012073.	0.2	2
159	Qualitative Characterization of Household Greywater in Developing Countries: A Comprehensive Review. Water Science and Technology Library, 2019, , 1-31.	0.2	2
160	Bioremediation of Xenobiotic Organic Compounds in Greywater by Fungi Isolated from Peatland, a Future Direction. Water Science and Technology Library, 2019, , 163-183.	0.2	2
161	Centralised and Decentralised Transport Systems for Greywater and the Application of Nanotechnology for Treatment Processes. Water Science and Technology Library, 2019, , 227-244.	0.2	2
162	Bacteria Load Assessment at Sungai Benut in Simpang Renggam, Johor. IOP Conference Series: Earth and Environmental Science, 2020, 498, 012061.	0.2	2

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163	Optimizing vertical flow aerated steel slag filter system with nitrifiers bacteria for nutrients' removal from domestic wastewater: a pilot study. Journal of Chemical Technology and Biotechnology, 2021, 96, 1067-1079.	1.6	2
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