

Hamidi Abdul Aziz

List of Publications by Year in descending order

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338
papers

9,601
citations

38742

50
h-index

51608

86
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351
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351
docs citations

351
times ranked

8241
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmaceuticals of emerging concern in hospital wastewater: removal of Ibuprofen and Ofloxacin drugs using MBBR method. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 140-154.	3.3	14
2	Sludge performance in coagulation-flocculation treatment for suspended solids removal from landfill leachate using Tin (IV) chloride and <i>Jatropha curcas</i> . <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 4716-4730.	3.3	8
3	Impact, disease outbreak and the eco-hazards associated with pharmaceutical residues: a Critical review. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 677-688.	3.5	57
4	Effectiveness of ozonation with zirconium and tin tetrachloride for stabilized anaerobic landfill leachate treatment. <i>Water Environment Research</i> , 2022, 94, e1672.	2.7	4
5	Kinetic Study of the Anaerobic Digestion of Recycled Paper Mill Effluent (RPME) by Using a Novel Modified Anaerobic Hybrid Baffled (MAHB) Reactor. <i>Water (Switzerland)</i> , 2022, 14, 390.	2.7	3
6	Enhanced removal of Eriochrome Black T from water using biochar/layered double hydroxide/chitosan hybrid composite: Performance evaluation and optimization using BBD-RSM approach. <i>Environmental Research</i> , 2022, 209, 112861.	7.5	29
7	Construction and Demolition (C&D) Waste Management and Disposal. <i>Handbook of Environmental Engineering</i> , 2022, , 165-216.	0.4	3
8	Sewage Sludge Recycling and Disposal. <i>Handbook of Environmental Engineering</i> , 2022, , 347-438.	0.4	1
9	Performance of Ozone/SnCl ₄ Oxidation in Stabilized Landfill Leachate Treatment. <i>IOP Conference Series: Materials Science and Engineering</i> , 2022, 1229, 012015.	0.6	1
10	Influence of Particle Size and Zeta Potential in Treating Highly Coloured Old Landfill Leachate by Tin Tetrachloride and Rubber Seed. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3016.	2.6	5
11	The Potential Use of Nephelium lappaceum Seed as Coagulantâ€“Coagulant Aid in the Treatment of Semi-Aerobic Landfill Leachate. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 420.	2.6	4
12	Comparison performance of coagulation flocculation process and combination with ozonation process of stabilized landfill leachate treatment. <i>Water Environment Research</i> , 2022, 94, .	2.7	7
13	Advanced technologies for poultry slaughterhouse wastewater treatment: A systematic review. <i>Journal of Dispersion Science and Technology</i> , 2021, 42, 880-899.	2.4	48
14	Sustainable wastewater treatment by biochar/layered double hydroxide composites: Progress, challenges, and outlook. <i>Bioresource Technology</i> , 2021, 319, 124128.	9.6	161
15	Clinoptilolite augmented electrocoagulation process for the reduction of high-strength ammonia and color from stabilized landfill leachate. <i>Water Environment Research</i> , 2021, 93, 596-607.	2.7	9
16	Treatment of Landfill Leachate by Heterogeneous Catalytic Ozonation with Granular Faujasite Zeolite. <i>Environmental Engineering Science</i> , 2021, 38, 635-644.	1.6	8
17	Sequential treatment for stabilized landfill leachate by ozonationâ€“adsorption and adsorptionâ€“ozonation methods. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 861-870.	3.5	9
18	Characterization of titanium oxide optical band gap produced from leachate sludge treatment with titanium tetrachloride. <i>Environmental Science and Pollution Research</i> , 2021, 28, 17587-17601.	5.3	9

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19	The Characteristics of Limestone and Anthracite Coal as Filter Media in Treating Pollutants from Groundwater. <i>International Journal of Environmental Science and Development</i> , 2021, 12, 58-62.	0.6	9
20	Effectiveness of Fe, Mn, UV254 and Colour Removal from Pre-ozonated Groundwater Using Anthracite Coal. <i>International Journal of Environmental Research</i> , 2021, 15, 245-259.	2.3	7
21	Optimization of the humic acid separation and coagulation with natural starch by RSM for the removal of COD and colour from stabilized leachate. <i>Waste Management and Research</i> , 2021, 39, 1396-1405.	3.9	4
22	Performance of Horizontal Roughing Filter for Colour Removal of Palm Oil Mill Effluent Using Natural Adsorbent. <i>Environmental Processes</i> , 2021, 8, 1267-1287.	3.5	2
23	Effect of compaction on physical properties of a sewage sludge and red gypsum mixture as intermediate landfill cover. <i>Construction and Building Materials</i> , 2021, 289, 123153.	7.2	6
24	Effect of Calcined Limestone on the Performance of Roughing Filter for Turbidity Removal of Palm Oil Mill Effluent. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2021, 25, .	2.0	2
25	Adsorption and reusability performance of M-Fe (M = Co, Cu, Zn and Ni) layered double hydroxides for the removal of hazardous Eriochrome Black T dye from different water streams. <i>Journal of Water Process Engineering</i> , 2021, 42, 102060.	5.6	27
26	A continuous clinoptilolite augmented SBR-electrocoagulation process to remove concentrated ammonia and colour in landfill leachate. <i>Environmental Technology and Innovation</i> , 2021, 23, 101575.	6.1	13
27	Biochar supported CuFe layered double hydroxide composite as a sustainable adsorbent for efficient removal of anionic azo dye from water. <i>Environmental Technology and Innovation</i> , 2021, 23, 101614.	6.1	34
28	Synthesis of natural starch from <i>Elaeis guineensis</i> trunk biomass applying bisulphite steeping method: Optimization by RSM. <i>Journal of the Air and Waste Management Association</i> , 2021, , 1-15.	1.9	1
29	Failure Analysis of Limestone and Anthracite Coal Filter Media in Adsorbing Fe ²⁺ from the Simulation of Pre-ozonated Groundwater Using Breakthrough Curve. <i>Journal of Failure Analysis and Prevention</i> , 2021, 21, 1943-1950.	0.9	0
30	RSM-CCD optimization approach for the adsorptive removal of Eriochrome Black T from aqueous system using steel slag-based adsorbent: Characterization, Isotherm, Kinetic modeling and thermodynamic analysis. <i>Journal of Molecular Liquids</i> , 2021, 339, 116714.	4.9	37
31	Effect of seasonal variation on the occurrences of high-risk pharmaceutical in drain-laden surface water: A risk analysis of Yamuna River. <i>Science of the Total Environment</i> , 2021, 794, 148484.	8.0	34
32	Influence of <i>Jatropha curcas</i> seeds as a natural flocculant on reducing Tin (IV) tetrachloride in the treatment of concentrated stabilised landfill leachate. <i>Chemosphere</i> , 2021, 285, 131484.	8.2	12
33	Overview of hydrological and climatic studies in Africa: The case of Ghana. <i>Cogent Engineering</i> , 2021, 8, .	2.2	3
34	Water Quality Engineering and Wastewater Treatment. <i>Water (Switzerland)</i> , 2021, 13, 330.	2.7	4
35	Effectiveness of Oil Palm Frond Activated Carbon for Removing COD, Color and Fe from Landfill Leachate. <i>Journal of Engineering and Technological Sciences</i> , 2021, 53, 210104.	0.6	2
36	Reduction of COD and Highly Coloured Mature Landfill Leachate by Tin Tetrachloride with Rubber Seed and Polyacrylamide. <i>Water (Switzerland)</i> , 2021, 13, 3062.	2.7	5

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37	Preliminary study on the toxicological response of red tilapia (<i>Oreochromis niloticus</i>) on landfill leachate treated with Tin (IV) chloride and <i>Jatropha curcas</i> . <i>Water Environment Research</i> , 2021, , .	2.7	1
38	The removal efficiency of total coliform, <i>Escherichia coli</i> , suspended solids, UV254 and colour using Zeliac filter in riverbank filtration system. <i>Water Quality Research Journal of Canada</i> , 2020, 55, 24-35.	2.7	3
39	Suspended Solid Removal of Palm Oil Mill Effluent Using Horizontal Roughing Filter and Calcinated Limestone. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	10
40	Digitizing water management: Toward the innovative use of blockchain technologies to address sustainability. <i>Cogent Engineering</i> , 2020, 7, 1769366.	2.2	14
41	Chemical waste and allied products. <i>Water Environment Research</i> , 2020, 92, 1504-1509.	2.7	6
42	Coagulation performance of titanium tetrachloride for Alor Pongsu wastewater treatment. AIP Conference Proceedings, 2020, , .	0.4	1
43	Adsorption Behavior and Mechanism of Methylene Blue, Crystal Violet, Eriochrome Black T, and Methyl Orange Dyes onto Biochar-Derived Date Palm Fronds Waste Produced at Different Pyrolysis Conditions. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	105
44	Heat Activated Zeolite for the Reduction of Ammoniacal Nitrogen, Colour, and COD in Landfill Leachate. <i>International Journal of Environmental Research</i> , 2020, 14, 463-478.	2.3	25
45	The removal efficiency of iron and manganese from pre-ozonated groundwater using limestone filter. <i>Water Quality Research Journal of Canada</i> , 2020, 55, 167-183.	2.7	7
46	Study the effect of calcination temperature and time on TiO ₂ band gap synthesized from TiCl ₄ coagulation sludge. <i>Materials Today: Proceedings</i> , 2020, 32, 407-411.	1.8	1
47	A mixture of sewage sludge and red gypsum as an alternative material for temporary landfill cover. <i>Journal of Environmental Management</i> , 2020, 263, 110420.	7.8	26
48	Iron and manganese removal from groundwater using limestone filter with iron-oxidized bacteria. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 2667-2680.	3.5	28
49	Optimization and Analysis of Zeolite Augmented Electrocoagulation Process in the Reduction of High-Strength Ammonia in Saline Landfill Leachate. <i>Water (Switzerland)</i> , 2020, 12, 247.	2.7	23
50	Characteristic Study of Physical and Chemical Properties of Limestone Subjected to Adsorption of Fe and Mn in Groundwater. <i>Lecture Notes in Civil Engineering</i> , 2020, , 621-627.	0.4	2
51	The Effects of Mixing Speed and Reaction Time on the Removal of Colour and Turbidity from Alor Pongsu Landfill Using Tin Tetrachloride. <i>Lecture Notes in Civil Engineering</i> , 2020, , 1077-1089.	0.4	1
52	Reduction of Seafood Processing Wastewater Using Technologies Enhanced by Swimê“Bed Technology. <i>Water Science and Technology Library</i> , 2020, , 101-117.	0.3	0
53	Landfill Methane Emissions. <i>Handbook of Environment and Waste Management</i> , 2020, , 397-454.	0.3	1
54	Items of Consideration in the Design of a Malaysian Landfill. , 2020, , 259-285.		1

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55	Introduction to Solid Waste and Its Management. , 2020, , 1-24.		0
56	Items of Consideration in the Design of a Malaysian Landfill. , 2020, , 764-790.		1
57	Geoenvironmental behaviour of lead-contaminated clay with sawdust. Environmental Geotechnics, 2019, 6, 450-459.	2.3	7
58	Sustainable Water Management Index, SWaM_Index. Cogent Engineering, 2019, 6, .	2.2	29
59	A material footprint model for green information systems “ using statistical learning to identify the predictors of natural resource use. Cogent Engineering, 2019, 6, .	2.2	5
60	Calcined limestone horizontal roughing filter for treatment of palm oil mill effluent polishing pond. International Journal of Environmental Science and Technology, 2019, 16, 6419-6430.	3.5	13
61	Potential of Nano-Ionic Copper Doped Activated Carbon as Adsorbent in Leachate Treatment. Materials Today: Proceedings, 2019, 17, 1169-1175.	1.8	5
62	Treatment of Sewage Sludge Using Anaerobic Digestion in Malaysia: Current State and Challenges. Frontiers in Energy Research, 2019, 7, .	2.3	90
63	Potential use of oil palm trunk starch as coagulant and coagulant aid in semi-aerobic landfill leachate treatment. Water Quality Research Journal of Canada, 2019, 54, 203-219.	2.7	22
64	Speed responses of trucks to light and weather conditions. Cogent Engineering, 2019, 6, .	2.2	6
65	Integrated chemical, technology & equipment process knowledge management system based on risk based process safety. IOP Conference Series: Materials Science and Engineering, 2019, 702, 012052.	0.6	1
66	Study of velocity profiles of orbital biological system (OBS) using computational fluid dynamics (CFD). Journal of Computational Methods in Sciences and Engineering, 2019, 19, 447-454.	0.2	1
67	Advanced Oxidation Processes for Water and Wastewater Treatment. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 46-69.	0.4	3
68	Application of UV-Based Advanced Oxidation Processes in Water and Wastewater Treatment. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 384-414.	0.4	6
69	Hydrocarbon Biodegradation Using Agro-Industrial Wastes as Co-Substrates. , 2019, , 1635-1665.		1
70	Ozonation With Catalyst in Landfill Leachate Treatment. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 324-354.	0.4	0
71	Application of Persulfate in Textile Wastewater Treatment. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 70-98.	0.4	0
72	Water Treatment Sludge Stabilizer Binder by Waste Paper Sludge Ash for Solidification/Stabilisation Technique. International Journal of Integrated Engineering, 2019, 11, .	0.4	1

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73	Optimization of Coagulation-Flocculation Process of Landfill Leachate by Tin (IV) Chloride Using Response Surface Methodology. <i>Avicenna Journal of Environmental Health Engineering</i> , 2019, 6, 41-48.	0.6	7
74	Floc behavior and removal mechanisms of cross-linked Durio zibethinus seed starch as a natural flocculant for landfill leachate coagulation-flocculation treatment. <i>Waste Management</i> , 2018, 74, 362-372.	7.4	53
75	Evaluation and comparison the performance of titanium and zirconium(IV) tetrachloride in textile wastewater treatment. <i>Data in Brief</i> , 2018, 18, 920-927.	1.0	8
76	Performance of modified anaerobic inclining-baffled reactor treating recycled paper mill effluent: effects of influent chemical oxygen demand concentration and hydraulic retention time. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 1557-1565.	2.2	9
77	Chromium(VI) and cadmium removal from aqueous solutions using the BAZLSC/cockle shell constructed wetland system: optimization with RSM. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 1949-1956.	3.5	10
78	A Review on Biodegradation and Toxicity Methods: Risk Assessment, Standards, and Analyses. <i>Methods in Pharmacology and Toxicology</i> , 2018, , 349-388.	0.2	5
79	Optimization of composite coagulant made from polyferric chloride and tapioca starch in landfill leachate treatment. <i>Journal of Physics: Conference Series</i> , 2018, 995, 012019.	0.4	3
80	Enhancing the Adsorption of Lead (II) by Bentonite Enriched with pH-Adjusted Meranti Sawdust. <i>Water (Switzerland)</i> , 2018, 10, 1875.	2.7	16
81	Municipal Solid Waste Composition, Characterization And Recyclables Potential: A Case Study Evaluation In Malaysia. <i>Journal of Solid Waste Technology and Management</i> , 2018, 44, 330-343.	0.2	10
82	The methods of waste quantification in the construction sites (A review). <i>AIP Conference Proceedings</i> , 2018, , .	0.4	8
83	The application of crosslinking oil palm trunk starch coagulants for landfill leachate treatment. <i>International Journal of Environmental Engineering</i> , 2018, 9, 130.	0.1	0
84	Removal of COD and Ammonia Nitrogen by a Sawdust/Bentonite-Augmented SBR Process. <i>Clean Technologies</i> , 2018, 1, 125-140.	4.2	9
85	Potential Use of Dimocarpus longan Seeds as a Flocculant in Landfill Leachate Treatment. <i>Water (Switzerland)</i> , 2018, 10, 1672.	2.7	37
86	Chemical Waste and Allied Products. <i>Water Environment Research</i> , 2018, 90, 1021-1032.	2.7	0
87	Optimisation of anaerobic stabilised leachate treatment using catalytic ozonation with zirconium tetrachloride. <i>International Journal of Environment and Waste Management</i> , 2018, 21, 102.	0.3	2
88	Assessment of kinetic models on Fe adsorption in groundwater using high-quality limestone. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 140, 012030.	0.3	1
89	Characteristic of leachate at Alor Pongsu Landfill Site, Perak, Malaysia: A comparative study. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 140, 012013.	0.3	16
90	The comparison of Durio Zibethinus seed starch extraction for landfill leachate treatment. <i>Materials Research Express</i> , 2018, 5, 075507.	1.6	4

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91	Poultry Slaughterhouse Wastewater Treatment Using Submerged Fibers in an Attached Growth Sequential Batch Reactor. International Journal of Environmental Research and Public Health, 2018, 15, 1734.	2.6	34
92	Recent development in sanitary landfilling and landfill leachate treatment in Malaysia. International Journal of Environmental Engineering, 2018, 9, 201.	0.1	17
93	Recent development in sanitary landfilling and landfill leachate treatment in Malaysia. International Journal of Environmental Engineering, 2018, 9, 201.	0.1	9
94	Effects of using Tamarindus indica Seeds as a natural coagulant aid in landfill leachate treatment. Global Nest Journal, 2018, 20, 373-380.	0.1	17
95	Use of photocatalysis for conversion of harvested rainwater as an alternative source into drinking water. Global Nest Journal, 2018, 20, 243-256.	0.1	1
96	Optimisation of anaerobic stabilised leachate treatment using catalytic ozonation with zirconium tetrachloride. International Journal of Environment and Waste Management, 2018, 21, 102.	0.3	0
97	The application of crosslinking oil palm trunk starch coagulants for landfill leachate treatment. International Journal of Environmental Engineering, 2018, 9, 130.	0.1	0
98	Semi-aerobic stabilized landfill leachate treatment by ion exchange resin: isotherm and kinetic study. Applied Water Science, 2017, 7, 581-590.	5.6	51
99	Performance of combined ozone and zirconium tetrachloride in stabilized landfill leachate treatment. Journal of Material Cycles and Waste Management, 2017, 19, 1384-1390.	3.0	20
100	Synthesis and characterization of eggshell-derived hydroxyapatite via mechanochemical method: A comparative study. AIP Conference Proceedings, 2017, , .	0.4	12
101	Performance and microbial community analysis in a modified anaerobic inclining-baffled reactor treating recycled paper mill effluent. Environmental Science and Pollution Research, 2017, 24, 13012-13024.	5.3	18
102	Biodiesel synthesis from waste oil using novel microwave technique: Response surface modeling and optimization. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2017, 39, 636-642.	2.3	18
103	Palm oil mill effluent and municipal wastewater co-treatment by zeolite augmented sequencing batch reactors: Turbidity removal. AIP Conference Proceedings, 2017, , .	0.4	1
104	Optimization of microwave-assisted durian seed based activated carbon preparation conditions for methylene blue dye removal. AIP Conference Proceedings, 2017, , .	0.4	10
105	Settling velocity of sludge in coagulation flocculation treatment of leachate using ferric chloride and chitosan. AIP Conference Proceedings, 2017, , .	0.4	1
106	Concentrated landfill leachate treatment with a combined system including electro-ozonation and composite adsorbent augmented sequencing batch reactor process. Chemical Engineering Research and Design, 2017, 111, 253-262.	5.6	53
107	Automating an integrated spatial data-mining model for landfill site selection. AIP Conference Proceedings, 2017, , .	0.4	2
108	Potential of tin (IV) chloride for treatment in Alor Pongsu as stabilized landfill leachate. AIP Conference Proceedings, 2017, , .	0.4	9

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109	A hybrid treatment of ozonation with limestone adsorption processes for the removal of Fe ²⁺ in groundwater: Fixed bed column study. AIP Conference Proceedings, 2017, , .	0.4	1
110	Adsorption studies of COD and Fe ²⁺ from stabilized landfill leachate on activated carbon and calcite containing alginate. AIP Conference Proceedings, 2017, , .	0.4	0
111	Shrimp pond wastewater treatment using pyrolyzed chicken feather as adsorbent. AIP Conference Proceedings, 2017, , .	0.4	1
112	Removal of colour, turbidity, oil and grease for slaughterhouse wastewater using electrocoagulation method. AIP Conference Proceedings, 2017, , .	0.4	6
113	Influence of dosage, pH and contact time in stabilized landfill leachate treatment using ozone/zirconium tetrachloride catalytic oxidation. AIP Conference Proceedings, 2017, , .	0.4	3
114	Assessment of road traffic noise indices in urban residential areas of Klang Valley, Malaysia. AIP Conference Proceedings, 2017, , .	0.4	2
115	Adsorptive removal of dissolved organic matter (DOM) in landfill leachate by iron oxide nanoparticles (FeONPs). AIP Conference Proceedings, 2017, , .	0.4	0
116	Review on innovative techniques in oil sludge bioremediation. AIP Conference Proceedings, 2017, , .	0.4	5
117	Multiple criteria landfill site selection method incorporating the NIMBY factors. AIP Conference Proceedings, 2017, , .	0.4	1
118	Batch study of manganese removal from mine effluent using mixture of ferromanganese ore and humus. AIP Conference Proceedings, 2017, , .	0.4	1
119	Removal of phenol from synthetic wastewater using carbon-mineral composite: Batch mechanisms and composition study. AIP Conference Proceedings, 2017, , .	0.4	0
120	Treatment of dispersive clay soil by ZELIAC. Geoderma, 2017, 285, 270-279.	5.1	27
121	Evaluation of tile layer productivity in construction project. AIP Conference Proceedings, 2017, , .	0.4	0
122	Evaluation of the photocatalyst of TiO ₂ /Fenton/ZnO to treat the petroleum wastewater. AIP Conference Proceedings, 2017, , .	0.4	4
123	Influence of ozonation on COD in stabilized landfill leachate: Case study at Alor Pongsu landfill site, Perak. AIP Conference Proceedings, 2017, , .	0.4	1
124	Preface: Proceedings of the International Conference of Global Network for Innovative Technology and AWAM International Conference in Civil Engineering 2017. AIP Conference Proceedings, 2017, , .	0.4	0
125	The potential use of rainwater as alternative source of drinking water by using laterite soil as natural adsorbent. AIP Conference Proceedings, 2017, , .	0.4	1
126	Palm oil mill effluent treatment: Influence of zeolite, municipal wastewater and combined aerobic SBR system. AIP Conference Proceedings, 2017, , .	0.4	1

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127	Resource recovery from municipal solid waste by mechanical heat treatment: An opportunity. AIP Conference Proceedings, 2017, , .	0.4	10
128	Removal of total coliform and E. coli using zeliac as filter media. AIP Conference Proceedings, 2017, , .	0.4	0
129	Solidification and stabilization of the incinerated wastewater sludge from textile industry. AIP Conference Proceedings, 2017, , .	0.4	2
130	Site suitability for riverbed filtration system in Tanah Merah, Kelantan-A physical model study for turbidity removal. AIP Conference Proceedings, 2017, , .	0.4	0
131	Biodegradability of semi-aerobic leachate. AIP Conference Proceedings, 2017, , .	0.4	0
132	Quantitative workflow based on NN for weighting criteria in landfill suitability mapping. AIP Conference Proceedings, 2017, , .	0.4	0
133	Optimisation of coagulation (poly iron chloride) process for partially stabilised leachate using response surface methodology. International Journal of Environmental Engineering, 2017, 9, 40.	0.1	0
134	Chemical Waste and Allied Products. Water Environment Research, 2017, 89, 1349-1359.	2.7	2
135	Scavenging remazol brilliant blue R dye using microwave-assisted activated carbon from acacia sawdust: Equilibrium and kinetics studies. AIP Conference Proceedings, 2017, , .	0.4	16
136	Synthetic sustainability index (SSI) based on life cycle assessment approach of low impact development in the Mediterranean area. Cogent Engineering, 2017, 4, 1410272.	2.2	29
137	Diplazium esculentum leaf extract as coagulant aid in leachate treatment. AIP Conference Proceedings, 2017, , .	0.4	5
138	Performance of different photocatalytic oxidation processes in petroleum wastewater treatment: A Comparative Study. Global Nest Journal, 2017, 19, 167-175.	0.1	6
139	Simultaneous removal of COD and color from municipal landfill leachate using Ozone/Zinc Sulphate oxidation process. Global Nest Journal, 2017, 19, 498-504.	0.1	22
140	Hydrocarbon Biodegradation Using Agro-Industrial Wastes as Co-Substrates. Advances in Environmental Engineering and Green Technologies Book Series, 2017, , 155-185.	0.4	4
141	Optimisation of coagulation (poly iron chloride) process for partially stabilised leachate using response surface methodology. International Journal of Environmental Engineering, 2017, 9, 40.	0.1	0
142	Waste Treatment and Management in Chlor-Alkali Industries. , 2017, , 611-655.		0
143	Dissolved Air Flotation (DAF) for Wastewater Treatment. , 2017, , 657-694.		0
144	Treatment of Photographic Processing Waste. , 2017, , 439-462.		0

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145	Toxicity, Source, and Control of Barium in the Environment. , 2017, , 463-482.		3
146	Potential use of zirconium (IV) chloride as coagulant to treat semi-aerobic leachate treatment. International Journal of Environment and Waste Management, 2016, 18, 205.	0.3	5
147	Chemical Waste and Allied Products. Water Environment Research, 2016, 88, 1374-1394.	2.7	1
148	Trend of municipal landfill leachate treatment via a combination of ozone with various physico-chemical techniques. International Journal of Environmental Engineering, 2016, 8, 95.	0.1	3
149	POTENTIAL OF HIGH QUALITY LIMESTONE AS ADSORBENT FOR IRON AND MANGANESE REMOVAL IN GROUNDWATER. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	8
150	Evaluating photo-degradation of COD and TOC in petroleum refinery wastewater by using TiO ₂ /ZnO photo-catalyst. Water Science and Technology, 2016, 74, 1312-1325.	2.5	35
151	Review of the Mechanism and Operational Factors Influencing the Degradation Process of Contaminants in Heterogeneous Photocatalysis. Journal of Chemical Research, 2016, 40, 704-712.	1.3	50
152	GIS modelling for new landfill sites: critical review of employed criteria and methods of selection criteria. IOP Conference Series: Earth and Environmental Science, 2016, 37, 012053.	0.3	13
153	The effectiveness of oil palm trunk waste derived coagulant for landfill leachate treatment. AIP Conference Proceedings, 2016, , .	0.4	4
154	Current status of Pulau Burung Sanitary Landfill leachate treatment, Penang Malaysia. AIP Conference Proceedings, 2016, , .	0.4	13
155	Application of D-optimal design and RSM to optimize the transesterification of waste cooking oil using natural and chemical heterogeneous catalyst. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 1852-1866.	2.3	9
156	Metals removal from municipal landfill leachate and wastewater using adsorbents combined with biological method. Desalination and Water Treatment, 2016, 57, 2819-2833.	1.0	52
157	Isolation and characterization of Pseudomonas sp. NAF1 and its application in biodegradation of crude oil. Environmental Earth Sciences, 2016, 75, 1.	2.7	24
158	Effect of inoculum source and effluent recycle on the start-up performance of a modified anaerobic inclining-baffled reactor treating recycled paper mill effluent. Desalination and Water Treatment, 2016, 57, 21350-21363.	1.0	10
159	Evaluation of the solar photo-Fenton process to treat the petroleum wastewater by response surface methodology (RSM). Environmental Earth Sciences, 2016, 75, 1.	2.7	16
160	Preparation and particle size effect of clinoptilolite on the removal of color, suspended solids, and chemical oxygen demand from real textile wastewater. Desalination and Water Treatment, 2016, 57, 15020-15025.	1.0	0
161	Classical optimization of process variables in the treatment of real textile wastewater using clinoptilolite. Journal of Environmental Chemical Engineering, 2016, 4, 1242-1247.	6.7	10
162	Phytoremediation of domestic wastewaters in free water surface constructed wetlands using <i>Azolla pinnata</i> . International Journal of Phytoremediation, 2016, 18, 54-61.	3.1	47

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163	Effect of inoculum to substrate ratio on the performance of modified anaerobic inclining-baffled reactor treating recycled paper mill effluent. <i>Desalination and Water Treatment</i> , 2016, 57, 10169-10180.	1.0	10
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