# Hamidi Abdul Aziz

List of Publications by Year
in descending order



| 338 | 9,601 | 38742 50 | 51608 86 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 351 | 351 | 351 | 8241 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Application of response surface methodology (RSM) to optimize coagulationâ€“flocculation treatment of leachate using poly-aluminum chloride (PAC) and alum. Journal of Hazardous Materials, 2009, 163, 650-656. | 12.4 | 486 |
| 2 | Heavy metals (Cd, Pb, Zn, Ni, Cu and Cr(III)) removal from water in Malaysia: Post treatment by high quality limestone. Bioresource Technology, 2008, 99, 1578-1583. | 9.6 | 414 |
| 3 | Trends in the use of Fenton, electro-Fenton and photo-Fenton for the treatment of landfill leachate. Waste Management, 2010, 30, 2113-2121. | 7.4 | 381 |
| 4 | Application of response surface methodology (RSM) for optimization of ammoniacal nitrogen removal from semi-aerobic landfill leachate using ion exchange resin. Desalination, 2010, 254, 154-161. | 8.2 | 265 |
| 5 | Statistical optimization of process parameters for landfill leachate treatment using electro-Fenton technique. Journal of Hazardous Materials, 2010, 176, 749-758. | 12.4 | 237 |
| 6 | Aggregation and disaggregation of ZnO nanoparticles: Influence of pH and adsorption of Suwannee River humic acid. Science of the Total Environment, 2014, 468-469, 195-201. | 8.0 | 236 |
| 7 | Comparison study of ammonia and COD adsorption on zeolite, activated carbon and composite materials in landfill leachate treatment. Desalination, 2010, 262, 31-35. | 8.2 | 235 |
| 8 | Leachate characterization in semi-aerobic and anaerobic sanitary landfills: A comparative study. Journal of Environmental Management, 2010, 91, 2608-2614. | 7.8 | 216 |
| 9 | Colour removal from landfill leachate by coagulation and flocculation processes. Bioresource Technology, 2007, 98, 218-220. | 9.6 | 212 |
| 10 | Application of ozone for the removal of bisphenol A from water and wastewater â€“ A review. Chemosphere, 2013, 90, 2197-2207. | 8.2 | 190 |
| 11 | Landfill leachate treatment by electrochemical oxidation. Waste Management, 2009, 29, 2534-2541. | 7.4 | 180 |
| 12 | Sustainable wastewater treatment by biochar/layered double hydroxide composites: Progress, challenges, and outlook. Bioresource Technology, 2021, 319, 124128. | 9.6 | 161 |
| 13 | Physico-chemical removal of iron from semi-aerobic landfill leachate by limestone filter. Waste Management, 2004, 24, 353-358. | 7.4 | 158 |
| 14 | Landfill leachate treatment using powdered activated carbon augmented sequencing batch reactor (SBR) process: Optimization by response surface methodology. Journal of Hazardous Materials, 2011, 189, 404-413. | 12.4 | 154 |
| 15 | Stability of ZnO Nanoparticles in Solution. Influence of pH, Dissolution, Aggregation and Disaggregation Effects. Journal of Colloid Science and Biotechnology, 2014, 3, 75-84. | 0.2 | 138 |
| 16 | Low cost removal of disperse dyes from aqueous solution using palm ash. Dyes and Pigments, 2007, 74, 446-453. | 3.7 | 136 |
| 17 | Optimization of stabilized leachate treatment using ozone/persulfate in the advanced oxidation process. Waste Management, 2013, 33, 1434-1441. | 7.4 | 126 |
| 18 | Sustainable treatment of landfill leachate. Applied Water Science, 2015, 5, 113-126. | 5.6 | 125 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Removal of ammoniacal nitrogen (N-NH3) from municipal solid waste leachate by using activated carbon and limestone. Waste Management and Research, 2004, 22, 371-375. | 3.9 | 124 |
| 20 | Pretreatment of stabilized leachate using ozone/persulfate oxidation process. Chemical Engineering Journal, 2013, 221, 492-499. | 12.7 | 124 |
| 21 | A statistical experiment design approach for optimizing biodegradation of weathered crude oil in coastal sediments. Bioresource Technology, 2010, 101, 893-900. | 9.6 | 110 |
| 22 | Powdered activated carbon augmented activated sludge process for treatment of semi-aerobic landfill leachate using response surface methodology. Bioresource Technology, 2007, 98, 3570-3578. | 9.6 | 107 |
| 23 | 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. Water, Air, and Soil Pollution, 2020, 231, 1. | 2.4 | 105 |
| 24 | Optimal conditions for bioremediation of oily seawater. Bioresource Technology, 2010, 101, 9455-9460. | 9.6 | 101 |
| 25 | New treatment of stabilized leachate by ozone/Fenton in the advanced oxidation process. Waste Management, 2012, 32, 1693-1698. | 7.4 | 100 |
| 26 | Variability of Parameters Involved in Leachate Pollution Index and Determination of LPI from Four Landfills in Malaysia. International Journal of Chemical Engineering, 2010, 2010, 1-6. | 2.4 | 90 |
| 27 | Treatment of Sewage Sludge Using Anaerobic Digestion in Malaysia: Current State and Challenges. Frontiers in Energy Research, 2019, 7, . | 2.3 | 90 |
| 28 | Orthophosphate removal from domestic wastewater using limestone and granular activated carbon. Desalination, 2011, 271, 265-272. | 8.2 | 82 |
| 29 | Removal of copper from water using limestone filtration technique: determination of mechanism of removal. Environment International, 2001, 26, 395-399. | 10.0 | 81 |
| 30 | Effect of Initial Oil Concentration and Dispersant on Crude Oil Biodegradation in Contaminated Seawater. Bulletin of Environmental Contamination and Toxicology, 2010, 84, 438-442. | 2.7 | 80 |
| 31 | The use of poly-aluminum chloride and alum for the treatment of partially stabilized leachate: A comparative study. Desalination, 2010, 257, 110-116. | 8.2 | 79 |
| 32 | Kinetic modeling and half life study on bioremediation of crude oil dispersed by Corexit 9500. Journal of Hazardous Materials, 2011, 185, 1027-1031. | 12.4 | 76 |
| 33 | Physico-chemical method for ammonia removal from synthetic wastewater using limestone and GAC in batch and column studies. Bioresource Technology, 2007, 98, 874-880. | 9.6 | 72 |
| 34 | Ammoniacal nitrogen and COD removal from semi-aerobic landfill leachate using a composite adsorbent: Fixed bed column adsorption performance. Journal of Hazardous Materials, 2010, 175, 960-964. | 12.4 | 72 |
| 35 | Applying Minimum Night Flow to Estimate Water Loss Using Statistical Modeling: A Case Study in Kinta Valley, Malaysia. Water Resources Management, 2013, 27, 1439-1455. | 3.9 | 71 |
| 36 | Stabilized sanitary landfill leachate treatment using anionic resin: Treatment optimization by response surface methodology. Journal of Hazardous Materials, 2010, 182, 115-122. | 12.4 | 66 |

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|---|---|---|---|
| 37 | Influence of Fenton reagent oxidation on mineralization and decolorization of municipal landfill leachate. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2010, 45, 692-698. | 1.7 | 66 |
| 38 | Removal of chromium (VI) from aqueous solution using treated oil palm fibre. Journal of Hazardous Materials, 2008, 152, 662-668. | 12.4 | 64 |
| 39 | Influence of impregnation ratio on coffee ground activated carbon as landfill leachate adsorbent for removal of total iron and orthophosphate. Desalination, 2011, 279, 225-234. | 8.2 | 61 |
| 40 | Optimization of coagulation and dissolved air flotation (DAF) treatment of semi-aerobic landfill leachate using response surface methodology (RSM). Desalination, 2011, 277, 74-82. | 8.2 | 60 |
| 41 | Powdered ZELIAC augmented sequencing batch reactors (SBR) process for co-treatment of landfill leachate and domestic wastewater. Journal of Environmental Management, 2014, 139, 1-14. | 7.8 | 57 |
| 42 | Impact, disease outbreak and the eco-hazards associated with pharmaceutical residues: a Critical review. International Journal of Environmental Science and Technology, 2022, 19, 677-688. | 3.5 | 57 |
| 43 | The use of alum, ferric chloride and ferrous sulphate as coagulants in removing suspended solids, colour and COD from semi-aerobic landfill leachate at controlled pH. Waste Management and Research, 2007, 25, 556-565. | 3.9 | 56 |
| 44 | Primary treatment of anaerobic landfill leachate using activated carbon and limestone: batch and column studies. International Journal of Environment and Waste Management, 2009, 4, 282. | 0.3 | 56 |
| 45 | Treatment of petroleum wastewater using combination of solar photo-two catalyst TiO2 and photo-Fenton process. Journal of Environmental Chemical Engineering, 2015, 3, 1117-1124. | 6.7 | 56 |
| 46 | The start-up performance of modified anaerobic baffled reactor (MABR) for the treatment of recycled paper mill wastewater. Journal of Environmental Chemical Engineering, 2013, 1, 61-64. | 6.7 | 55 |
| 47 | An overview of electro-oxidation processes performance in stabilized landfill leachate treatment. Desalination and Water Treatment, 2013, 51, 2170-2184. | 1.0 | 55 |
| 48 | The influence of pH and coarse media on manganese precipitation from water. Water Research, 1992, 26, 853-855. | 11.3 | 54 |
| 49 | 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 |
| 50 | Floc behavior and removal mechanisms of cross-linked Durio zibethinus seed starch as a natural flocculant for landfill leachate coagulation-flocculation treatment. Waste Management, 2018, 74, 362-372. | 7.4 | 53 |
| 51 | 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 |
| 52 | Semi-aerobic stabilized landfill leachate treatment by ion exchange resin: isotherm and kinetic study. Applied Water Science, 2017, 7, 581-590. | 5.6 | 51 |
| 53 | Review of the Mechanism and Operational Factors Influencing the Degradation Process of Contaminants in Heterogenous Photocatalysis. Journal of Chemical Research, 2016, 40, 704-712. | 1.3 | 50 |
| 54 | New sequential treatment for mature landfill leachate by cationic/anionic and anionic/cationic processes: Optimization and comparative study. Journal of Hazardous Materials, 2011, 186, 92-102. | 12.4 | 49 |

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| 55 | Removal of COD, ammoniacal nitrogen and colour from stabilized landfill leachate by anaerobic organism. Applied Water Science, 2013, 3, 359-366. | 5.6 | 49 |
| 56 | Evaluation of thermochemical pretreatment and continuous thermophilic condition in rice straw composting process enhancement. Bioresource Technology, 2013, 133, 240-247. | 9.6 | 48 |
| 57 | Advanced technologies for poultry slaughterhouse wastewater treatment: A systematic review. Journal of Dispersion Science and Technology, 2021, 42, 880-899. | 2.4 | 48 |
| 58 | Phytoremediation of domestic wastewaters in free water surface constructed wetlands usingAzolla pinnata. International Journal of Phytoremediation, 2016, 18, 54-61. | 3.1 | 47 |
| 59 | The competency of various applied strategies in treating tropical municipal landfill leachate. Desalination and Water Treatment, 2015, 54, 2382-2395. | 1.0 | 45 |
| 60 | Application of dissolved air flotation (DAF) in semi-aerobic leachate treatment. Chemical Engineering Journal, 2010, 157, 316-322. | 12.7 | 43 |
| 61 | Removal of manganese from water using crushed dolomite filtration technique. Water Research, 1996, 30, 489-492. | 11.3 | 42 |
| 62 | Application of response surface methodology (RSM) for optimization of semi-aerobic landfill leachate treatment using ozone. Applied Water Science, 2014, 4, 231-239. | 5.6 | 42 |
| 63 | Studies of electrical and mechanical properties of poly(vinyl chloride) mixed with electrically conductive additives. Journal of Applied Polymer Science, 2004, 91, 1590-1598. | 2.6 | 40 |
| 64 | Characterization of Leachate from Kuala Sepetang and Kulim Landfills: A Comparative Study. Energy and Environment Research, 2012, 2, . | 0.2 | 40 |
| 65 | The performance of Electro-Fenton oxidation in the removal of coliform bacteria from landfill leachate. Waste Management, 2013, 33, 396-400. | 7.4 | 40 |
| 66 | The use of polyaluminium chloride for removing colour, COD and ammonia from semi-aerobic leachate. International Journal of Environmental Engineering, 2009, 1, 20. | 0.1 | 39 |
| 67 | Hibiscus rosa-sinensis leaf extract as coagulant aid in leachate treatment. Applied Water Science, 2012, 2, 293-298. | 5.6 | 37 |
| 68 | Potential Use of Dimocarpus longan Seeds as a Flocculant in Landfill Leachate Treatment. Water (Switzerland), 2018, 10, 1672. | 2.7 | 37 |
| 69 | 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. Journal of Molecular Liquids, 2021, 339, 116714. | 4.9 | 37 |
| 70 | Application of the central composite design for condition optimization for semi-aerobic landfill leachate treatment using electrochemical oxidation. Water Science and Technology, 2010, 61, 1257-1266. | 2.5 | 36 |
| 71 | Semi-Aerobic Landfill Leachate Treatment Using Carbonâ€“Minerals Composite Adsorbent. Environmental Engineering Science, 2012, 29, 306-312. | 1.6 | 36 |
| 72 | Removal of ammoniacal nitrogen and COD from semi-aerobic landfill leachate using low-cost activated carbon zeolite composite adsorbent. International Journal of Environment and Waste Management, 2009, 4, 399. | 0.3 | 35 |

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| 73 | Powdered activated carbon augmented double react-settle sequencing batch reactor process for treatment of landfill leachate. Desalination, 2011, 277, 313-320. | 8.2 | 35 |
| 74 | Evaluating photo-degradation of COD and TOC in petroleum refinery wastewater by using TiO2/ZnO photo-catalyst. Water Science and Technology, 2016, 74, 1312-1325. | 2.5 | 35 |
| 75 | Assessing the chlorine disinfection of landfill leachate and optimization by response surface methodology (RSM). Desalination, 2011, 274, 278-283. | 8.2 | 34 |
| 76 | 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 |
| 77 | Biochar supported CuFe layered double hydroxide composite as a sustainable adsorbent for efficient removal of anionic azo dye from water. Environmental Technology and Innovation, 2021, 23, 101614. | 6.1 | 34 |
| 78 | Effect of seasonal variation on the occurrences of high-risk pharmaceutical in drain-laden surface water: A risk analysis of Yamuna River. Science of the Total Environment, 2021, 794, 148484. | 8.0 | 34 |
| 79 | Process optimization studies on solvent extraction with naphthalene-2-boronic acid ion-pairing with trioctylmethylammonium chloride in sugar purification using design of experiments. Separation and Purification Technology, 2008, 60, 190-197. | 7.9 | 32 |
| 80 | Textile Waste Water and the advanced Oxidative Treatment Process, an Overview. International Journal of Innovative Research in Science, Engineering and Technology, 2014, 03, 15310-15317. | 0.4 | 31 |
| 81 | 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 |
| 82 | Sustainable Water Management Index, SWaM_Index. Cogent Engineering, 2019, 6, . | 2.2 | 29 |
| 83 | Enhanced removal of Eriochrome Black T from water using biochar/layered double hydroxide/chitosan hybrid composite: Performance evaluation and optimization using BBD-RSM approach. Environmental Research, 2022, 209, 112861. | 7.5 | 29 |
| 84 | Extraction and application of starch-based coagulants from sago trunk for semi-aerobic landfill leachate treatment. Environmental Science and Pollution Research, 2015, 22, 16943-16950. | 5.3 | 28 |
| 85 | Iron and manganese removal from groundwater using limestone filter with iron-oxidized bacteria. International Journal of Environmental Science and Technology, 2020, 17, 2667-2680. | 3.5 | 28 |
| 86 | Treatment of dispersive clay soil by ZELIAC. Geoderma, 2017, 285, 270-279. | 5.1 | 27 |
| 87 | 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. Journal of Water Process Engineering, 2021, 42, 102060. | 5.6 | 27 |
| 88 | Appraisal of domestic solid waste generation, components, and the feasibility of recycling in Erbil, Iraq. Waste Management and Research, 2011, 29, 880-887. | 3.9 | 26 |
| 89 | A mixture of sewage sludge and red gypsum as an alternative material for temporary landfill cover. Journal of Environmental Management, 2020, 263, 110420. | 7.8 | 26 |
| 90 | Effects of ion exchange resins in different mobile ion forms on semi-aerobic landfill leachate treatment. Water Science and Technology, 2010, 61, 641-649. | 2.5 | 25 |

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| 91 | Removal of phenols and other pollutants from different landfill leachates using powdered activated carbon supplemented SBR technology. Environmental Monitoring and Assessment, 2012, 184, 6147-6158. | 2.7 | 25 |
| 92 | Heat Activated Zeolite for the Reduction of Ammoniacal Nitrogen, Colour, and COD in Landfill Leachate. International Journal of Environmental Research, 2020, 14, 463-478. | 2.3 | 25 |
| 93 | Physico-chemical treatment of anaerobic landfill leachate using activated carbon and zeolite: batch and column studies. International Journal of Environment and Waste Management, 2010, 5, 269. | 0.3 | 24 |
| 94 | Multiple responses analysis and modeling of Fenton process for treatment of high strength landfill leachate. Water Science and Technology, 2011, 64, 1652-1660. | 2.5 | 24 |
| 95 | Isolation and characterization of Pseudomonas sp. NAF1 and its application in biodegradation of crude oil. Environmental Earth Sciences, 2016, 75, 1. | 2.7 | 24 |
| 96 | Effect of Ozone and Ozone/Fenton in the Advanced Oxidation Process on Biodegradable Characteristics of Semiâ€aerobic Stabilized Leachate. Clean - Soil, Air, Water, 2013, 41, 148-152. | 1.1 | 23 |
| 97 | Effect of ozone and ozone/persulfate processes on biodegradable and soluble characteristics of semiaerobic stabilized leachate. Environmental Progress and Sustainable Energy, 2014, 33, 184-191. | 2.3 | 23 |
| 98 | Evaluating the TiO2 as a solar photocatalyst process by response surface methodology to treat the petroleum waste water. Karbala International Journal of Modern Science, 2015, 1, 78-85. | 1.0 | 23 |
| 99 | Optimization and Analysis of Zeolite Augmented Electrocoagulation Process in the Reduction of High-Strength Ammonia in Saline Landfill Leachate. Water (Switzerland), 2020, 12, 247. | 2.7 | 23 |
| 100 | The Effectiveness of Silica Sand in Semi-Aerobic Stabilized Landfill Leachate Treatment. Water (Switzerland), 2010, 2, 904-915. | 2.7 | 22 |
| 101 | Optimum Process Parameters for the Treatment of Landfill Leachate Using Powdered Activated Carbon Augmented Sequencing Batch Reactor (SBR) Technology. Separation Science and Technology, 2011, 46, 2348-2359. | 2.5 | 22 |
| 102 | Response Surface Analysis to Improve Dispersed Crude Oil Biodegradation. Clean - Soil, Air, Water, 2012, 40, 262-267. | 1.1 | 22 |
| 103 | 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 |
| 104 | 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 |
| 105 | Application of statistical experimental methodology to optimize bioremediation of n-alkanes in aquatic environment. Journal of Hazardous Materials, 2010, 184, 350-356. | 12.4 | 21 |
| 106 | Leachate treatment by swim-bed bio fringe technology. Desalination, 2011, 276, 278-286. | 8.2 | 21 |
| 107 | Filtration of Broadly Graded Cohesive Dispersive Base Soils. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2015, 141, . | 3.0 | 21 |
| 108 | Color and Chemical Oxygen Demand Removal from Mature Semi-Aerobic Landfill Leachate Using Anion-Exchange Resin: An Equilibrium and Kinetic Study. Environmental Engineering Science, 2012, 29, 297-305. | 1.6 | 20 |

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| 109 | 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 |
| 110 | Ex-situ Bioremediation of Crude Oil in Soil, a Comparative Kinetic Analysis. Bulletin of Environmental Contamination and Toxicology, 2010, 85, 54-58. | 2.7 | 19 |
| 111 | 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 |
| 112 | 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 |
| 113 | Application of combined filtration and coagulation for semi-aerobic leachate treatment. International Journal of Environment and Waste Management, 2009, 4, 457. | 0.3 | 17 |
| 114 | Optimization of semi-aerobic stabilized leachate treatment using ozone/Fenton's reagent in the advanced oxidation process. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 720-729. | 1.7 | 17 |
| 115 | Remediation of Heavy Metals in the Environment. , 0, , . | | 17 |
| 116 | Phytoremediation of Heavy Metals from Urban Waste Leachate by Southern Cattail (Typha) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T | 0.1 | 17 |
| 117 | Recent development in sanitary landfilling and landfill leachate treatment in Malaysia. International Journal of Environmental Engineering, 2018, 9, 201. | 0.1 | 17 |
| 118 | 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 |
| 119 | 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 |
| 120 | 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 |
| 121 | Enhancing the Adsorption of Lead (II) by Bentonite Enriched with pH-Adjusted Meranti Sawdust. Water (Switzerland), 2018, 10, 1875. | 2.7 | 16 |
| 122 | Characteristic of leachate at Alor Pongsu Landfill Site, Perak, Malaysia: A comparative study. IOP Conference Series: Earth and Environmental Science, 2018, 140, 012013. | 0.3 | 16 |
| 123 | SOLID WASTE MANAGEMENT PRACTICES IN PENANG STATE: A REVIEW OF CURRENT PRACTICES AND THE WAY FORWARD. Environmental Engineering and Management Journal, 2009, 8, 97-106. | 0.6 | 16 |
| 124 | Raw water treatment using bentonite-chitosan as a coagulant. Water Science and Technology: Water Supply, 2012, 12, 480-488. | 2.1 | 15 |
| 125 | Nanoparticle Properties, Behavior, Fate in Aquatic Systems and Characterization Methods. Journal of Colloid Science and Biotechnology, 2014, 3, 111-140. | 0.2 | 15 |
| 126 | Trends in Physical-Chemical Methods for Landfill Leachate Treatment. International Journal of Scientific Research in Environmental Sciences, 0, , 16-25. | 0.1 | 15 |

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| 127 | Digitizing water management: Toward the innovative use of blockchain technologies to address sustainability. Cogent Engineering, 2020, 7, 1769366. | 2.2 | 14 |
| 128 | Pharmaceuticals of emerging concern in hospital wastewater: removal of Ibuprofen and Ofloxacin drugs using MBBR method. International Journal of Environmental Analytical Chemistry, 2023, 103, 140-154. | 3.3 | 14 |
| 129 | Preparation and Characterization of Alginate Beads by Drop Weight. International Journal of Technology, 2014, 5, 121. | 0.8 | 14 |
| 130 | QUANTIFICATION OF LEACHATE GENERATION RATE FROM A SEMI-AEROBIC LANDFILL IN MALAYSIA. Environmental Engineering and Management Journal, 2012, 11, 1581-1585. | 0.6 | 14 |
| 131 | Phytoremediation of Soil Contaminated with Nickel by Lepidium sativum; Optimization by Response Surface methodology. Global Nest Journal, 2013, 15, 69-75. | 0.1 | 14 |
| 132 | Application of Response Surface Methodology to Enhance Phenol Removal from Refinery Wastewater by Microwave Process. International Journal of Microwave Science and Technology, 2014, 2014, 1-12. | 0.6 | 13 |
| 133 | Iron and Manganese Removal from Groundwater Using High Quality Limestone. Applied Mechanics and Materials, 0, 802, 460-465. | 0.2 | 13 |
| 134 | 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 |
| 135 | Current status of Pulau Burung Sanitary Landfill leachate treatment, Penang Malaysia. AIP Conference Proceedings, 2016, , . | 0.4 | 13 |
| 136 | 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 |
| 137 | A continuous clinoptilolite augmented SBR-electrocoagulation process to remove concentrated ammonia and colour in landfill leachate. Environmental Technology and Innovation, 2021, 23, 101575. | 6.1 | 13 |
| 138 | CURRENT PRACTICE OF SOLID WASTE MANAGEMENT IN MALAYSIA AND ITS DISPOSAL. Environmental Engineering and Management Journal, 2007, 6, 295-300. | 0.6 | 13 |
| 139 | Synthesis and characterization of eggshell-derived hydroxyapatite via mechanochemical method: A comparative study. AIP Conference Proceedings, 2017, , . | 0.4 | 12 |
| 140 | Influence of Jatropha curcas seeds as a natural flocculant on reducing Tin (IV) tetrachloride in the treatment of concentrated stabilised landfill leachate. Chemosphere, 2021, 285, 131484. | 8.2 | 12 |
| 141 | Trends on Natural Organic Matter in Drinking Water Sources and its Treatment. International Journal of Scientific Research in Environmental Sciences, 2014, 2, 94-106. | 0.1 | 11 |
| 142 | Adsorption isotherms in landfill leachate treatment using powdered activated carbon augmented sequencing batch reactor technique: Statistical analysis by response surface methodology. International Journal of Chemical Reactor Engineering, 2012, 10, . | 1.1 | 10 |
| 143 | Comparative Study of Advanced Oxidation Processes to Treat Petroleum Wastewater. Hungarian Journal of Industrial Chemistry, 2015, 43, 97-101. | 0.3 | 10 |
| 144 | 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 |

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| 145 | 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 |
| 146 | Effect of inoculum to substrate ratio on the performance of modified anaerobic inclining-baffled reactor treating recycled paper mill effluent. Desalination and Water Treatment, 2016, 57, 10169-10180. | 1.0 | 10 |
| 147 | Optimization of microwave-assisted durian seed based activated carbon preparation conditions for methylene blue dye removal. AIP Conference Proceedings, 2017, , . | 0.4 | 10 |
| 148 | Resource recovery from municipal solid waste by mechanical heat treatment: An opportunity. AIP Conference Proceedings, 2017, , . | 0.4 | 10 |
| 149 | Chromium(VI) and cadmium removal from aqueous solutions using the BAZLSC/cockle shell constructed wetland system: optimization with RSM. International Journal of Environmental Science and Technology, 2018, 15, 1949-1956. | 3.5 | 10 |
| 150 | Municipal Solid Waste Composition, Characterization And Recyclables Potential: A Case Study Evaluation In Malaysia. Journal of Solid Waste Technology and Management, 2018, 44, 330-343. | 0.2 | 10 |
| 151 | Suspended Solid Removal of Palm Oil Mill Effluent Using Horizontal Roughing Filter and Calcinated Limestone. Water, Air, and Soil Pollution, 2020, 231, 1. | 2.4 | 10 |
| 152 | Impact of Urban Wastewater on Soil Properties and Lepidium sativum in an Arid Region. International Journal of Scientific Research in Environmental Sciences, 0, , 7-15. | 0.1 | 10 |
| 153 | Response surface analysis and modeling of n-alkanes removal through bioremediation of weathered crude oil. Water Science and Technology, 2011, 63, 618-626. | 2.5 | 9 |
| 154 | Performance of Ozone/ZrCl<sub>4</sub> Oxidation in Stabilized Landfill Leachate Treatment. Applied Mechanics and Materials, 0, 802, 501-506. | 0.2 | 9 |
| 155 | Use of Ferric Chloride and Chitosan as Coagulant to Remove Turbidity and Color from Landfill Leachate. Applied Mechanics and Materials, 0, 773-774, 1163-1167. | 0.2 | 9 |
| 156 | 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 |
| 157 | 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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