

Miklas Scholz

List of Publications by Year in descending order

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Version: 2024-02-01

275
papers

9,306
citations

57631

44
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62479

80
g-index

277
all docs

277
docs citations

277
times ranked

7995
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Textile dye wastewater characteristics and constituents of synthetic effluents: a critical review. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 1193-1226. | 1.8 | 1,054 |
| 2 | Carbon Storage and Fluxes within Freshwater Wetlands: a Critical Review. <i>Wetlands</i> , 2010, 30, 111-124. | 0.7 | 472 |
| 3 | Review of permeable pavement systems. <i>Building and Environment</i> , 2007, 42, 3830-3836. | 3.0 | 427 |
| 4 | Wetlands for wastewater treatment and subsequent recycling of treated effluent: a review. <i>Environmental Science and Pollution Research</i> , 2018, 25, 23595-23623. | 2.7 | 207 |
| 5 | Constructed wetlands: a review. <i>International Journal of Environmental Studies</i> , 2005, 62, 421-447. | 0.7 | 188 |
| 6 | Impact of climate change on wetland ecosystems: A critical review of experimental wetlands. <i>Journal of Environmental Management</i> , 2021, 286, 112160. | 3.8 | 178 |
| 7 | Review of remediation practices regarding cadmium-enriched farmland soil with particular reference to China. <i>Journal of Environmental Management</i> , 2016, 181, 646-662. | 3.8 | 143 |
| 8 | Relationship between corporate social responsibility at the micro-level and environmental performance: The mediating role of employee pro-environmental behavior and the moderating role of gender. <i>Sustainable Production and Consumption</i> , 2021, 27, 1138-1148. | 5.7 | 141 |
| 9 | Phosphorus recovery from municipal wastewater treatment: Critical review of challenges and opportunities for developing countries. <i>Journal of Environmental Management</i> , 2019, 248, 109268. | 3.8 | 131 |
| 10 | Application of the self-organizing map (SOM) to assess the heavy metal removal performance in experimental constructed wetlands. <i>Water Research</i> , 2006, 40, 3367-3374. | 5.3 | 122 |
| 11 | The Integrated Constructed Wetlands (ICW) concept. <i>Wetlands</i> , 2007, 27, 337-354. | 0.7 | 120 |
| 12 | Comparison of Relationships Between pH, Dissolved Oxygen and Chlorophyll a for Aquaculture and Non-aquaculture Waters. <i>Water, Air, and Soil Pollution</i> , 2011, 219, 157-174. | 1.1 | 106 |
| 13 | Performance comparison of experimental constructed wetlands with different filter media and macrophytes treating industrial wastewater contaminated with lead and copper. <i>Bioresource Technology</i> , 2002, 83, 71-79. | 4.8 | 102 |
| 14 | Drivers of changing urban flood risk: A framework for action. <i>Journal of Environmental Management</i> , 2019, 240, 47-56. | 3.8 | 102 |
| 15 | The universal design, operation and maintenance guidelines for farm constructed wetlands (FCW) in temperate climates. <i>Bioresource Technology</i> , 2008, 99, 6780-6792. | 4.8 | 95 |
| 16 | Review of Recent Trends in Capillary Suction Time (CST) Dewaterability Testing Research. <i>Industrial & Engineering Chemistry Research</i> , 2005, 44, 8157-8163. | 1.8 | 94 |
| 17 | Treatment of synthetic textile wastewater containing dye mixtures with microcosms. <i>Environmental Science and Pollution Research</i> , 2018, 25, 1980-1997. | 2.7 | 94 |
| 18 | CSR, Co-Creation and Green Consumer Loyalty: Are Green Banking Initiatives Important? A Moderated Mediation Approach from an Emerging Economy. <i>Sustainability</i> , 2020, 12, 10688. | 1.6 | 90 |

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|----|--|-----|-----------|
| 19 | Assessing asphalt mixture moisture susceptibility through intrinsic adhesion, bitumen stripping and mechanical damage. <i>Road Materials and Pavement Design</i> , 2014, 15, 131-152. | 2.0 | 81 |
| 20 | Examination of moisture sensitivity of aggregate-bitumen bonding strength using loose asphalt mixture and physico-chemical surface energy property tests. <i>International Journal of Pavement Engineering</i> , 2014, 15, 657-670. | 2.2 | 75 |
| 21 | Application of the self-organizing map as a prediction tool for an integrated constructed wetland agroecosystem treating agricultural runoff. <i>Bioresource Technology</i> , 2009, 100, 559-565. | 4.8 | 72 |
| 22 | Seasonal assessment of experimental vertical-flow constructed wetlands treating domestic wastewater. <i>Bioresource Technology</i> , 2013, 147, 585-596. | 4.8 | 71 |
| 23 | Promoting sustainability through corporate social responsibility implementation in the manufacturing industry: An empirical analysis of barriers using the ISM-MICMAC approach. <i>Corporate Social Responsibility and Environmental Management</i> , 2020, 27, 1729-1748. | 5.0 | 71 |
| 24 | Review of Ecological Engineering Solutions for Rural Non-Point Source Water Pollution Control in Hubei Province, China. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1. | 1.1 | 67 |
| 25 | Critical Barriers to Implementation of Reverse Logistics in the Manufacturing Industry: A Case Study of a Developing Country. <i>Sustainability</i> , 2018, 10, 4202. | 1.6 | 66 |
| 26 | Water Scarcity and Sustainability in an Emerging Economy: A Management Perspective for Future. <i>Sustainability</i> , 2021, 13, 144. | 1.6 | 66 |
| 27 | Impact of Hydraulic Loading Rate and Season on Water Contaminant Reductions Within Integrated Constructed Wetlands. <i>Wetlands</i> , 2011, 31, 499-509. | 0.7 | 65 |
| 28 | CSR as a Potential Motivator to Shape Employees' View towards Nature for a Sustainable Workplace Environment. <i>Sustainability</i> , 2021, 13, 1499. | 1.6 | 63 |
| 29 | A CSR perspective to foster employee creativity in the banking sector: The role of work engagement and psychological safety. <i>Journal of Retailing and Consumer Services</i> , 2022, 67, 102968. | 5.3 | 63 |
| 30 | Efficiency of permeable pavement systems for the removal of urban runoff pollutants under varying environmental conditions. <i>Environmental Progress and Sustainable Energy</i> , 2010, 29, 358-369. | 1.3 | 62 |
| 31 | Water-Related Impacts of Climate Change on Agriculture and Subsequently on Public Health: A Review for Generalists with Particular Reference to Pakistan. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1051. | 1.2 | 61 |
| 32 | Rainfall-Runoff Modeling Using the HEC-HMS Model for the Al-Adhaim River Catchment, Northern Iraq. <i>Hydrology</i> , 2021, 8, 58. | 1.3 | 61 |
| 33 | Shallow pond systems planted with Lemna minor treating azo dyes. <i>Ecological Engineering</i> , 2016, 94, 295-305. | 1.6 | 58 |
| 34 | Remediation of synthetic greywater in mesocosm-scale floating treatment wetlands. <i>Ecological Engineering</i> , 2017, 102, 303-319. | 1.6 | 56 |
| 35 | Review of environmental effects and treatment of runoff from storage and handling of wood. <i>Bioresource Technology</i> , 2008, 99, 5997-6009. | 4.8 | 55 |
| 36 | Enhanced nitrate-nitrogen removal by modified attapulgite-supported nanoscale zero-valent iron treating simulated groundwater. <i>Journal of Environmental Management</i> , 2018, 213, 151-158. | 3.8 | 55 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Comparative study of domestic wastewater treatment by mature vertical-flow constructed wetlands and artificial ponds. <i>Ecological Engineering</i> , 2017, 100, 8-18. | 1.6 | 54 |
| 38 | CSR Communication through Social Media: A Litmus Test for Banking Consumers's™ Loyalty. <i>Sustainability</i> , 2021, 13, 2319. | 1.6 | 51 |
| 39 | The Relationship of CSR Communication on Social Media with Consumer Purchase Intention and Brand Admiration. <i>Journal of Theoretical and Applied Electronic Commerce Research</i> , 2021, 16, 1217-1230. | 3.1 | 51 |
| 40 | Nutrient Removal in Pilot-Scale Constructed Wetlands Treating Eutrophic River Water: Assessment of Plants, Intermittent Artificial Aeration and Polyhedron Hollow Polypropylene Balls. <i>Water, Air, and Soil Pollution</i> , 2009, 197, 61-73. | 1.1 | 50 |
| 41 | Assessment of temporal hydrologic anomalies coupled with drought impact for a transboundary river flow regime: The Diyala watershed case study. <i>Journal of Hydrology</i> , 2014, 517, 64-73. | 2.3 | 49 |
| 42 | Benzene removal with vertical-flow constructed treatment wetlands. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 55-63. | 1.6 | 48 |
| 43 | Dye wastewater treatment by vertical-flow constructed wetlands. <i>Ecological Engineering</i> , 2017, 101, 28-38. | 1.6 | 48 |
| 44 | Processes impacting on benzene removal in vertical-flow constructed wetlands. <i>Bioresource Technology</i> , 2009, 100, 227-234. | 4.8 | 47 |
| 45 | Predicting dam failure risk for sustainable flood retention basins: A generic case study for the wider Greater Manchester area. <i>Computers, Environment and Urban Systems</i> , 2012, 36, 423-433. | 3.3 | 47 |
| 46 | Corporate Social Responsibility at the Micro-Level as a "New Organizational Value" for Sustainability: Are Females More Aligned towards It?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2165. | 1.2 | 47 |
| 47 | Critical Review of Electro-kinetic Remediation of Contaminated Soils and Sediments: Mechanisms, Performances and Technologies. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1. | 1.1 | 47 |
| 48 | Case study: design, operation, maintenance and water quality management of sustainable storm water ponds for roof runoff. <i>Bioresource Technology</i> , 2004, 95, 269-279. | 4.8 | 45 |
| 49 | Assessment of the nutrient removal performance in integrated constructed wetlands with the self-organizing map. <i>Water Research</i> , 2008, 42, 3519-3527. | 5.3 | 45 |
| 50 | Ecological Strategy for Eutrophication Control. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 723-737. | 1.1 | 45 |
| 51 | Agriculture and Water Resources Crisis in Yemen: Need for Sustainable Agriculture. <i>Agroecology and Sustainable Food Systems</i> , 2006, 28, 55-75. | 0.9 | 44 |
| 52 | Conceptualizing the Role of Target-Specific Environmental Transformational Leadership between Corporate Social Responsibility and Pro-Environmental Behaviors of Hospital Employees. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3565. | 1.2 | 43 |
| 53 | Control of bio-regenerated granular activated carbon by spreadsheet modelling. <i>Journal of Chemical Technology and Biotechnology</i> , 1998, 71, 253-261. | 1.6 | 40 |
| 54 | Modeling the Relationship between Capillary Suction Time and Specific Resistance to Filtration. <i>Journal of Environmental Engineering, ASCE</i> , 2010, 136, 983-991. | 0.7 | 40 |

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| 55 | Recycling of domestic wastewater treated by vertical-flow wetlands for irrigating Chillies and Sweet Peppers. <i>Agricultural Water Management</i> , 2015, 149, 1-22. | 2.4 | 40 |
| 56 | Road Safety Risk Assessment: An Analysis of Transport Policy and Management for Low-, Middle-, and High-Income Asian Countries. <i>Sustainability</i> , 2018, 10, 389. | 1.6 | 40 |
| 57 | Water quality characteristics of vegetated groundwater-fed ditches in a riparian peatland. <i>Science of the Total Environment</i> , 2004, 332, 109-122. | 3.9 | 39 |
| 58 | Treatment of artificial wastewater containing two azo textile dyes by vertical-flow constructed wetlands. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6870-6889. | 2.7 | 39 |
| 59 | Climate Change, Water Quality and Water-Related Challenges: A Review with Focus on Pakistan. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8518. | 1.2 | 39 |
| 60 | Assessment of Capillary Suction Time (CST) Test Methodologies. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 1071-1078. | 1.2 | 38 |
| 61 | Mature Experimental Constructed Wetlands Treating Urban Water Receiving High Metal Loads. <i>Biotechnology Progress</i> , 2002, 18, 1257-1264. | 1.3 | 37 |
| 62 | Performance predictions of mature experimental constructed wetlands which treat urban water receiving high loads of lead and copper. <i>Water Research</i> , 2003, 37, 1270-1277. | 5.3 | 37 |
| 63 | Constructed Wetlands Treating Runoff Contaminated with Nutrients. <i>Water, Air, and Soil Pollution</i> , 2010, 205, 323-332. | 1.1 | 37 |
| 64 | What Prompts Small and Medium Enterprises to Implement CSR? A Qualitative Insight from an Emerging Economy. <i>Sustainability</i> , 2021, 13, 952. | 1.6 | 36 |
| 65 | The Relationship of CSR and Employee Creativity in the Hotel Sector: The Mediating Role of Job Autonomy. <i>Sustainability</i> , 2021, 13, 10032. | 1.6 | 36 |
| 66 | Carbon Nanotubes (CNTs) in Asphalt Binder: Homogeneous Dispersion and Performance Enhancement. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2651. | 1.3 | 35 |
| 67 | The Nexus of CSR and Co-Creation: A Roadmap towards Consumer Loyalty. <i>Sustainability</i> , 2021, 13, 523. | 1.6 | 35 |
| 68 | The Interplay between Corporate Social Responsibility at Employee Level, Ethical Leadership, Quality of Work Life and Employee Pro-Environmental Behavior: The Case of Healthcare Organizations. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4521. | 1.2 | 35 |
| 69 | A comparative study: Prediction of constructed treatment wetland performance with k-nearest neighbors and neural networks. <i>Water, Air, and Soil Pollution</i> , 2006, 174, 279-301. | 1.1 | 34 |
| 70 | Sustainability as a "New Normal" for Modern Businesses: Are SMEs of Pakistan Ready to Adopt It?. <i>Sustainability</i> , 2021, 13, 1944. | 1.6 | 34 |
| 71 | The Inter-Relation of Corporate Social Responsibility at Employee Level, Servant Leadership, and Innovative Work Behavior in the Time of Crisis from the Healthcare Sector of Pakistan. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4608. | 1.2 | 34 |
| 72 | Performance Evaluation of Integrated Constructed Wetlands Treating Domestic Wastewater. <i>Water, Air, and Soil Pollution</i> , 2010, 210, 435-451. | 1.1 | 33 |

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|----|--|-----|-----------|
| 73 | Climatic Conditions: Conventional and Nanotechnology-Based Methods for the Control of Mosquito Vectors Causing Human Health Issues. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3165. | 1.2 | 33 |
| 74 | Statistical evaluation of factors affecting the laboratory rutting susceptibility of asphalt mixtures. <i>International Journal of Pavement Engineering</i> , 2019, 20, 402-416. | 2.2 | 33 |
| 75 | Proposing Stewardship Theory as an Alternate to Explain the Relationship between CSR and Employees' Pro-Environmental Behavior. <i>Sustainability</i> , 2021, 13, 8558. | 1.6 | 33 |
| 76 | Towards Explaining Knowledge Hiding through Relationship Conflict, Frustration, and Irritability: The Case of Public Sector Teaching Hospitals. <i>Sustainability</i> , 2021, 13, 12598. | 1.6 | 33 |
| 77 | An Inclusive Leadership Framework to Foster Employee Creativity in the Healthcare Sector: The Role of Psychological Safety and Polychronicity. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4519. | 1.2 | 33 |
| 78 | Clogging of vertical-flow constructed wetlands treating urban wastewater contaminated with a diesel spill. <i>Environmental Science and Pollution Research</i> , 2015, 22, 12779-12803. | 2.7 | 32 |
| 79 | Impacts of Anthropogenic Land Use Changes on Nutrient Concentrations in Surface Waterbodies: A Review. <i>Clean - Soil, Air, Water</i> , 2018, 46, 1800051. | 0.7 | 32 |
| 80 | Improving Firm's Economic and Environmental Performance Through the Sustainable and Innovative Environment: Evidence From an Emerging Economy. <i>Frontiers in Psychology</i> , 2021, 12, 651394. | 1.1 | 32 |
| 81 | Sensitivity of Surface Runoff to Drought and Climate Change: Application for Shared River Basins. <i>Water (Switzerland)</i> , 2014, 6, 3033-3048. | 1.2 | 31 |
| 82 | Chemical simulation of greywater. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 1631-1646. | 1.2 | 31 |
| 83 | Adaptation Strategy to Mitigate the Impact of Climate Change on Water Resources in Arid and Semi-Arid Regions: a Case Study. <i>Water Resources Management</i> , 2017, 31, 3557-3573. | 1.9 | 31 |
| 84 | Evaluating Material's Interaction in Wire Electrical Discharge Machining of Stainless Steel (304) for Simultaneous Optimization of Conflicting Responses. <i>Materials</i> , 2019, 12, 1940. | 1.3 | 31 |
| 85 | Modelling asphalt pavement analyzer rut depth using different statistical techniques. <i>Road Materials and Pavement Design</i> , 2020, 21, 117-142. | 2.0 | 31 |
| 86 | Impact of Substantive Staging and Communicative Staging of Sustainable Servicescape on Behavioral Intentions of Hotel Customers through Overall Perceived Image: A Case of Boutique Hotels. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9123. | 1.2 | 31 |
| 87 | Fostering Hotel-Employee Creativity Through Micro-Level Corporate Social Responsibility: A Social Identity Theory Perspective. <i>Frontiers in Psychology</i> , 2022, 13, 853125. | 1.1 | 31 |
| 88 | Comparison of constructed reed beds with different filter media and macrophytes treating urban stream water contaminated with lead and copper. <i>Ecological Engineering</i> , 2002, 18, 385-390. | 1.6 | 30 |
| 89 | Impact of Evapotranspiration Formulations at Various Elevations on the Reconnaissance Drought Index. <i>Water Resources Management</i> , 2017, 31, 531-548. | 1.9 | 30 |
| 90 | The reconnaissance drought index: A method for detecting regional arid climatic variability and potential drought risk. <i>Journal of Arid Environments</i> , 2017, 144, 181-191. | 1.2 | 30 |

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|-----|--|-----|-----------|
| 91 | Experimental Investigation into the Structural and Functional Performance of Graphene Nano-Platelet (GNP)-Doped Asphalt. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 686. | 1.3 | 30 |
| 92 | A Contemporary Issue of Micro-Foundation of CSR, Employee Pro-Environmental Behavior, and Environmental Performance toward Energy Saving, Carbon Emission Reduction, and Recycling. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5380. | 1.2 | 30 |
| 93 | The Role of CSR for De-Carbonization of Hospitality Sector through Employees: A Leadership Perspective. <i>Sustainability</i> , 2022, 14, 5365. | 1.6 | 30 |
| 94 | Treatment of gully pot effluent containing nickel and copper with constructed wetlands in a cold climate. <i>Journal of Chemical Technology and Biotechnology</i> , 2004, 79, 153-162. | 1.6 | 29 |
| 95 | Irrigation Efficiency Improvement for Sustainable Agriculture in Changing Climate: A Transboundary Watershed Between Iraq and Iran. <i>Environmental Processes</i> , 2016, 3, 603-616. | 1.7 | 29 |
| 96 | A framework for resource recovery from wastewater treatment plants in megacities of developing countries. <i>Environmental Research</i> , 2020, 188, 109745. | 3.7 | 29 |
| 97 | The Impact of Work-Family Enrichment on Subjective Career Success through Job Engagement: A Case of Banking Sector. <i>Sustainability</i> , 2021, 13, 8872. | 1.6 | 29 |
| 98 | Classification methodology for Sustainable Flood Retention Basins. <i>Landscape and Urban Planning</i> , 2007, 81, 246-256. | 3.4 | 28 |
| 99 | Applying Kohonen Self-Organizing Map as a Software Sensor to Predict Biochemical Oxygen Demand. <i>Water Environment Research</i> , 2008, 80, 32-40. | 1.3 | 28 |
| 100 | Conceptual classification model for Sustainable Flood Retention Basins. <i>Journal of Environmental Management</i> , 2009, 90, 624-633. | 3.8 | 28 |
| 101 | Impact of Water Quality Parameters on the Clogging of Vertical-Flow Constructed Wetlands Treating Urban Wastewater. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1. | 1.1 | 28 |
| 102 | Road Safety Risk Evaluation Using GIS-Based Data Envelopment Analysis-Artificial Neural Networks Approach. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 886. | 1.3 | 28 |
| 103 | Using Social Media as a Medium for CSR Communication, to Induce Consumer-Brand Relationship in the Banking Sector of a Developing Economy. <i>Sustainability</i> , 2021, 13, 3700. | 1.6 | 28 |
| 104 | Mineral and biological contamination of soil and <i>Capsicum annum</i> irrigated with recycled domestic wastewater. <i>Agricultural Water Management</i> , 2016, 167, 95-109. | 2.4 | 27 |
| 105 | Climate Variability Impact on the Spatiotemporal Characteristics of Drought and Aridity in Arid and Semi-Arid Regions. <i>Water Resources Management</i> , 2019, 33, 5015-5033. | 1.9 | 27 |
| 106 | Sustainable Businesses Speak to the Heart of Consumers: Looking at Sustainability with a Marketing Lens to Reap Banking Consumers' Loyalty. <i>Sustainability</i> , 2021, 13, 3828. | 1.6 | 27 |
| 107 | Exploring the Impact of Corporate Social Responsibility Communication through Social Media on Banking Customer E-WOM and Loyalty in Times of Crisis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4739. | 1.2 | 27 |
| 108 | Achieving Organizational Social Sustainability through Electronic Performance Appraisal Systems: The Moderating Influence of Transformational Leadership. <i>Sustainability</i> , 2021, 13, 5611. | 1.6 | 27 |

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|-----|--|-----|-----------|
| 109 | Fostering Advocacy Behavior of Employees: A Corporate Social Responsibility Perspective From the Hospitality Sector. <i>Frontiers in Psychology</i> , 2022, 13, 865021. | 1.1 | 27 |
| 110 | Combined permeable pavement and ground source heat pump systems to treat urban runoff. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 405-413. | 1.6 | 26 |
| 111 | Treatment of Road Runoff by a Combined Storm Water Treatment, Detention and Infiltration System. <i>Water, Air, and Soil Pollution</i> , 2009, 198, 55-64. | 1.1 | 26 |
| 112 | Comparing the Export Coefficient Approach with the Soil and Water Assessment Tool to Predict Phosphorous Pollution: The Kan Watershed Case Study. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1. | 1.1 | 26 |
| 113 | Modeling of Dissolved Oxygen Applying Stepwise Regression and a Template-Based Fuzzy Logic System. <i>Journal of Environmental Engineering, ASCE</i> , 2014, 140, 69-76. | 0.7 | 26 |
| 114 | Mapping Institutional Interventions to Mitigate Suicides: A Study of Causes and Prevention. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10880. | 1.2 | 26 |
| 115 | Recent advances in sustainable multifunctional land and urban management in Europe: a review. <i>Journal of Environmental Planning and Management</i> , 2012, 55, 833-854. | 2.4 | 24 |
| 116 | Ecological Environment Protection in Chinese Rural Hydropower Development Practices: A Review. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 3033-3048. | 1.1 | 24 |
| 117 | Response of Vegetables to Cadmium-Enriched Soil. <i>Water (Switzerland)</i> , 2014, 6, 1246-1256. | 1.2 | 24 |
| 118 | Biochemical performance modelling of non-vegetated and vegetated vertical subsurface-flow constructed wetlands treating municipal wastewater in hot and dry climate. <i>Journal of Water Process Engineering</i> , 2020, 33, 101003. | 2.6 | 24 |
| 119 | Biogas recovery for sustainable cities: A critical review of enhancement techniques and key local conditions for implementation. <i>Sustainable Cities and Society</i> , 2021, 72, 103033. | 5.1 | 24 |
| 120 | Impact of upstream anthropogenic river regulation on downstream water availability in transboundary river watersheds. <i>International Journal of Water Resources Development</i> , 2015, 31, 28-49. | 1.2 | 23 |
| 121 | Comparison of experimental ponds for the treatment of dye wastewater under controlled and semi-natural conditions. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16031-16040. | 2.7 | 23 |
| 122 | Performance Evaluation of Carbon Black Nano-Particle Reinforced Asphalt Mixture. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1114. | 1.3 | 23 |
| 123 | Sustainability Ranking of Desalination Plants Using Mamdani Fuzzy Logic Inference Systems. <i>Sustainability</i> , 2020, 12, 631. | 1.6 | 23 |
| 124 | Environmentally Specific Servant Leadership and Employees' Energy-Specific Pro-Environmental Behavior: Evidence from Healthcare Sector of a Developing Economy. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7641. | 1.2 | 23 |
| 125 | Rapid decision support tool based on novel ecosystem service variables for retrofitting of permeable pavement systems in the presence of trees. <i>Science of the Total Environment</i> , 2013, 458-460, 486-498. | 3.9 | 22 |
| 126 | Heavy metals pollution assessment in correlation with magnetic susceptibility in topsoils of Shanghai. <i>Environmental Earth Sciences</i> , 2017, 76, 1. | 1.3 | 22 |

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|-----|--|-----|-----------|
| 127 | Impact of pH on the Treatment of Artificial Textile Wastewater Containing Azo Dyes Using Pond Systems. <i>International Journal of Environmental Research</i> , 2019, 13, 367-385. | 1.1 | 22 |
| 128 | An accelerated gradient-based optimization development for multi-reservoir hydropower systems optimization. <i>Energy Reports</i> , 2021, 7, 7854-7877. | 2.5 | 22 |
| 129 | Incorporation of the Flow Duration Curve Method Within Digital Filtering Algorithms to Estimate the Base Flow Contribution to Total Runoff. <i>Water Resources Management</i> , 2014, 28, 5477-5489. | 1.9 | 21 |
| 130 | Recycling of domestic wastewater treated by vertical-flow wetlands for irrigation of two consecutive <i>Capsicum annum</i> generations. <i>Ecological Engineering</i> , 2017, 107, 82-98. | 1.6 | 21 |
| 131 | Release of nutrient from fish food and effects on <i>Microcystis aeruginosa</i> growth. <i>Aquaculture Research</i> , 2012, 43, 1460-1470. | 0.9 | 20 |
| 132 | Investigation into possibility of rejuvenating aged asphalt binder using mustard oil. <i>International Journal of Pavement Engineering</i> , 2022, 23, 1738-1753. | 2.2 | 20 |
| 133 | The Effect of Work Safety on Organizational Social Sustainability Improvement in the Healthcare Sector: The Case of a Public Sector Hospital in Pakistan. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6672. | 1.2 | 20 |
| 134 | Computing Air Demand Using the Takagi-Sugeno Model for Dam Outlets. <i>Water (Switzerland)</i> , 2013, 5, 1441-1456. | 1.2 | 19 |
| 135 | Assessment of models predicting anthropogenic interventions and climate variability on surface runoff of the Lower Zab River. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 223-240. | 1.9 | 19 |
| 136 | Road Infrastructure Analysis with Reference to Traffic Stream Characteristics and Accidents: An Application of Benchmarking Based Safety Analysis and Sustainable Decision-Making. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2320. | 1.3 | 19 |
| 137 | Response of Eutrophication Development to Variations in Nutrients and Hydrological Regime: A Case Study in the Changjiang River (Yangtze) Basin. <i>Water (Switzerland)</i> , 2020, 12, 1634. | 1.2 | 19 |
| 138 | Ecological Restoration of Polluted Plain Rivers Within the Haihe River Basin in China. <i>Water, Air, and Soil Pollution</i> , 2010, 211, 341-357. | 1.1 | 18 |
| 139 | Treatment of contaminated greywater using pelletised mine water sludge. <i>Journal of Environmental Management</i> , 2017, 197, 10-23. | 3.8 | 18 |
| 140 | Evaluation and modelling of permanent deformation behaviour of asphalt mixtures using dynamic creep test in uniaxial mode. <i>International Journal of Pavement Engineering</i> , 2019, 20, 1026-1043. | 2.2 | 18 |
| 141 | Case Study: Design and Operation of Sustainable Urban Infiltration Ponds Treating Storm Runoff. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2006, 132, 36-41. | 0.8 | 17 |
| 142 | Nutrient Removal in Wetlands During Intermittent Artificial Aeration. <i>Environmental Engineering Science</i> , 2008, 25, 1279-1290. | 0.8 | 17 |
| 143 | Nitrogen removal in an integrated constructed wetland treating domestic wastewater. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 742-750. | 0.9 | 17 |
| 144 | Controlled Experimental Study on Removing Diesel Oil Spillages Using Agricultural Waste Products. <i>Chemical Engineering and Technology</i> , 2013, 36, 673-680. | 0.9 | 17 |

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