

Willis Gwenzi

List of Publications by Year in descending order

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Version: 2024-02-01

128
papers

4,197
citations

156536

32
h-index

145109

60
g-index

135
all docs

135
docs citations

135
times ranked

5069
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Dangerous liaisons? As the COVID-19 wave hits Africa with potential for novel transmission dynamics: a perspective. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2022, 30, 1353-1366. | 0.8 | 5 |
| 2 | Wastewater, waste, and water-based epidemiology (WWW-BE): A novel hypothesis and decision-support tool to unravel COVID-19 in low-income settings?. <i>Science of the Total Environment</i> , 2022, 806, 150680. | 3.9 | 22 |
| 3 | The air-borne antibiotic resistome: Occurrence, health risks, and future directions. <i>Science of the Total Environment</i> , 2022, 804, 150154. | 3.9 | 38 |
| 4 | Investigating the FeO/H ₂ O systems using the methylene blue method: Validity, applications, and future directions. <i>Chemosphere</i> , 2022, 291, 132913. | 4.2 | 14 |
| 5 | The Suitability of Hybrid FeO/Aggregate Filtration Systems for Water Treatment. <i>Water (Switzerland)</i> , 2022, 14, 260. | 1.2 | 9 |
| 6 | COVID-19 drugs in aquatic systems: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 1275-1294. | 8.3 | 37 |
| 7 | Visible light photodegradation of methyl orange and <i>Escherichia coli</i> O157:H7 in wastewater. <i>South African Journal of Science</i> , 2022, 118, . | 0.3 | 1 |
| 8 | Strategies and options for the sustainable recovery of rare earth elements from electrical and electronic waste. <i>Chemical Engineering Journal</i> , 2022, 442, 135992. | 6.6 | 50 |
| 9 | Air-borne emerging contaminants: An under-studied reservoir and a potential health risk?. , 2022, , 139-150. | | 0 |
| 10 | Occurrence, human exposure pathways, and health risks of (micro)plastics. , 2022, , 291-306. | | 0 |
| 11 | Health risk assessment and mitigation of emerging contaminants: A call for an integrated approach. , 2022, , 325-342. | | 0 |
| 12 | The environmental resistome: Human exposure, health risks, and research needs. , 2022, , 307-322. | | 1 |
| 13 | Epilogue: Summary, the next-frontier emerging contaminants/novel entities, and a look ahead. , 2022, , 395-404. | | 0 |
| 14 | (Micro)plastics in aquatic systems: Current research focal areas, under-studied matrices, and future directions. , 2022, , 103-119. | | 0 |
| 15 | Editor biography. , 2022, , xvii. | | 0 |
| 16 | Ten (10) key research questions on emerging contaminants and novel entities, and their health risks. , 2022, , 383-394. | | 1 |
| 17 | (Micro)plastics in the soil system: Occurrence, behaviour, fate, and future directions. , 2022, , 47-64. | | 0 |
| 18 | Ecological health risks of antibiotic resistance: A perspective on the evidence, challenges, and research needs. , 2022, , 195-213. | | 0 |

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|----|--|-----|-----------|
| 19 | Occurrence and behaviour of emerging organic contaminants in aquatic systems. , 2022, , 67-86. | | 1 |
| 20 | Rare earth elements: Human exposure, risk factors, and health risks. , 2022, , 273-290. | | 2 |
| 21 | Antibiotic-resistant bacteria and antibiotic resistance genes in aquatic systems: Occurrence, behaviour, and fate. , 2022, , 121-136. | | 1 |
| 22 | High-technology rare earth elements in the soil-plant system: Occurrence, behaviour, and fate. , 2022, , 29-46. | | 0 |
| 23 | Detection and Quantification of Dam Leakages Based on Tracer Tests: A Field Case Study. Water (Switzerland), 2022, 14, 1448. | 1.2 | 4 |
| 24 | Metallic Iron for Water Remediation: Plenty of Room for Collaboration and Convergence to Advance the Science. Water (Switzerland), 2022, 14, 1492. | 1.2 | 8 |
| 25 | Metallic iron (FeO)-based materials for aqueous phosphate removal: A critical review. Journal of Environmental Management, 2022, 315, 115157. | 3.8 | 24 |
| 26 | Occurrence and ecological health risks of microplastics. , 2022, , 243-270. | | 1 |
| 27 | Emerging contaminants: A handful of conceptual and organizing frameworks. , 2022, , 3-15. | | 1 |
| 28 | Ecological health risks of high-technology rare earth elements. , 2022, , 171-194. | | 1 |
| 29 | Ecological health risks of emerging organic contaminants. , 2022, , 215-242. | | 1 |
| 30 | Anthropogenic rare earth elements in aquatic environments: Occurrence, behaviour, and fate. , 2022, , 87-102. | | 0 |
| 31 | Emerging contaminants in the terrestrial-aquatic-atmosphere continuum: A global perspective. , 2022, , 17-25. | | 6 |
| 32 | Circular bioeconomy potential and challenges within an African context: From theory to practice. Journal of Cleaner Production, 2022, 367, 133068. | 4.6 | 18 |
| 33 | Biochars as media for air pollution control systems: Contaminant removal, applications and future research directions. Science of the Total Environment, 2021, 753, 142249. | 3.9 | 72 |
| 34 | Leaving no stone unturned in light of the COVID-19 faecal-oral hypothesis? A water, sanitation and hygiene (WASH) perspective targeting low-income countries. Science of the Total Environment, 2021, 753, 141751. | 3.9 | 93 |
| 35 | Maize nitrogen uptake and productivity under reduced and conventional tillage. Nutrient Cycling in Agroecosystems, 2021, 119, 23-36. | 1.1 | 5 |
| 36 | Autopsy, thanatopraxy, cemeteries and crematoria as hotspots of toxic organic contaminants in the funeral industry continuum. Science of the Total Environment, 2021, 753, 141819. | 3.9 | 30 |

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|----|---|-----|-----------|
| 37 | Comparative removal efficiencies of natural organic matter by conventional drinking water treatment plants in Zimbabwe and South Africa. <i>Water Environment Research</i> , 2021, 93, 570-581. | 1.3 | 0 |
| 38 | Characterizing the impact of pyrite addition on the efficiency of Fe ₀ /H ₂ O systems. <i>Scientific Reports</i> , 2021, 11, 2326. | 1.6 | 11 |
| 39 | Insects, Rodents, and Pets as Reservoirs, Vectors, and Sentinels of Antimicrobial Resistance. <i>Antibiotics</i> , 2021, 10, 68. | 1.5 | 35 |
| 40 | Acid Mine Drainage Formation, Dissemination and Control: Mining and Hydrological Perspectives. , 2021, , 3-30. | | 1 |
| 41 | The Suitability of Methylene Blue Discoloration (MB Method) to Investigate the Fe ₀ /MnO ₂ System. <i>Processes</i> , 2021, 9, 548. | 1.3 | 12 |
| 42 | When silence goes viral, Africa sneezes! A perspective on Africa's subdued research response to COVID-19 and a call for local scientific evidence. <i>Environmental Research</i> , 2021, 194, 110637. | 3.7 | 32 |
| 43 | Defluoridation of drinking water using a ceramic filter decorated with iron oxide/biochar composites. <i>International Journal of Applied Ceramic Technology</i> , 2021, 18, 1321-1329. | 1.1 | 7 |
| 44 | Rethinking restoration indicators and end-points for post-mining landscapes in light of novel ecosystems. <i>Geoderma</i> , 2021, 387, 114944. | 2.3 | 28 |
| 45 | Occurrence, behavior, and human exposure and health risks of potentially toxic elements in edible mushrooms with focus on Africa. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 302. | 1.3 | 5 |
| 46 | Characterizing the impact of MnO ₂ addition on the efficiency of Fe ₀ /H ₂ O systems. <i>Scientific Reports</i> , 2021, 11, 9814. | 1.6 | 9 |
| 47 | Microplastics in the Aquatic Environment – The Occurrence, Sources, Ecological Impacts, Fate, and Remediation Challenges. <i>Pollutants</i> , 2021, 1, 95-118. | 1.0 | 27 |
| 48 | The key role of contact time in elucidating the mechanisms of enhanced decontamination by Fe ₀ /MnO ₂ /sand systems. <i>Scientific Reports</i> , 2021, 11, 12069. | 1.6 | 4 |
| 49 | Integrated Water Resource Management: Rethinking the Contribution of Rainwater Harvesting. <i>Sustainability</i> , 2021, 13, 8338. | 1.6 | 24 |
| 50 | Application of the Kilimanjaro Concept in Reversing Seawater Intrusion and Securing Water Supply in Zanzibar, Tanzania. <i>Water (Switzerland)</i> , 2021, 13, 2085. | 1.2 | 6 |
| 51 | Changes in physicochemical properties on a chronosequence of gold mine tailings. <i>Geoderma</i> , 2021, 395, 115037. | 2.3 | 11 |
| 52 | Universal Access to Safe Drinking Water: Escaping the Traps of Non-Frugal Technologies. <i>Sustainability</i> , 2021, 13, 9645. | 1.6 | 15 |
| 53 | Recent advances in the polyurethane-based adsorbents for the decontamination of hazardous wastewater pollutants. <i>Journal of Hazardous Materials</i> , 2021, 417, 125960. | 6.5 | 60 |
| 54 | The mechanism of contaminant removal in Fe(0)/H ₂ O systems: The burden of a poor literature review. <i>Chemosphere</i> , 2021, 280, 130614. | 4.2 | 13 |

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|----|---|-----|-----------|
| 55 | Organic pollutants in deep sea: Occurrence, fate, and ecological implications. <i>Water Research</i> , 2021, 205, 117658. | 5.3 | 30 |
| 56 | Antibiotic resistance and class 1 integron genes distribution in irrigation water-soil-crop continuum as a function of irrigation water sources. <i>Environmental Pollution</i> , 2021, 289, 117930. | 3.7 | 13 |
| 57 | Kanchan Arsenic Filters and the Future of FeO-Based Filtration Systems for Single Household Drinking Water Supply. <i>Processes</i> , 2021, 9, 58. | 1.3 | 9 |
| 58 | COVID-19 pandemic in Uttarakhand, India: Environmental recovery or degradation?. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106595. | 3.3 | 21 |
| 59 | Metallic Iron for Environmental Remediation: The Fallacy of the Electron Efficiency Concept. <i>Frontiers in Environmental Chemistry</i> , 2021, 2, . | 0.7 | 21 |
| 60 | Sources and Health Risks of Rare Earth Elements in Waters. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 1-36. | 0.3 | 5 |
| 61 | COVID-19 Vaccine Boosters: The Good, the Bad, and the Ugly. <i>Vaccines</i> , 2021, 9, 1299. | 2.1 | 58 |
| 62 | A Hybrid Model for Achieving Universal Safe Drinking Water in the Medium-Sized City of Bangangtã (Cameroon). <i>Water (Switzerland)</i> , 2021, 13, 3177. | 1.2 | 9 |
| 63 | Sources, behaviour and health risks of antimicrobial resistance genes in wastewaters: A hotspot reservoir. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 102220. | 3.3 | 56 |
| 64 | Occurrence, behaviour, and human exposure pathways and health risks of toxic geogenic contaminants in serpentinitic ultramafic geological environments (SUGEs): A medical geology perspective. <i>Science of the Total Environment</i> , 2020, 700, 134622. | 3.9 | 25 |
| 65 | A new generation low-cost biochar-clay composite "biscuit" ceramic filter for point-of-use water treatment. <i>Applied Clay Science</i> , 2020, 185, 105409. | 2.6 | 38 |
| 66 | The "thanato-resistome" - The funeral industry as a potential reservoir of antibiotic resistance: Early insights and perspectives. <i>Science of the Total Environment</i> , 2020, 749, 141120. | 3.9 | 32 |
| 67 | Validating the Efficiency of the FeS ₂ Method for Elucidating the Mechanisms of Contaminant Removal Using FeO/H ₂ O Systems. <i>Processes</i> , 2020, 8, 1162. | 1.3 | 13 |
| 68 | Designing the Next Generation of FeO-Based Filters for Decentralized Safe Drinking Water Treatment: A Conceptual Framework. <i>Processes</i> , 2020, 8, 745. | 1.3 | 36 |
| 69 | Tracing the Scientific History of FeO-Based Environmental Remediation Prior to the Advent of Permeable Reactive Barriers. <i>Processes</i> , 2020, 8, 977. | 1.3 | 17 |
| 70 | Development, properties and potential applications of high-energy fuel briquettes incorporating coal dust, biowastes and post-consumer plastics. <i>SN Applied Sciences</i> , 2020, 2, 1. | 1.5 | 12 |
| 71 | Understanding the Operating Mode of FeO/Fe-Sulfide/H ₂ O Systems for Water Treatment. <i>Processes</i> , 2020, 8, 409. | 1.3 | 20 |
| 72 | Metallic Iron for Environmental Remediation: Starting an Overdue Progress in Knowledge. <i>Water (Switzerland)</i> , 2020, 12, 641. | 1.2 | 27 |

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|----|---|-----|-----------|
| 73 | Characterizing the Reactivity of Metallic Iron for Water Treatment: H ₂ Evolution in H ₂ SO ₄ and Uranium Removal Efficiency. <i>Water (Switzerland)</i> , 2020, 12, 1523. | 1.2 | 12 |
| 74 | Leguminous tree species create islands of fertility and influence the understory vegetation on nickel-mine tailings of different ages. <i>Ecological Engineering</i> , 2020, 155, 105902. | 1.6 | 17 |
| 75 | Development and evaluation of a low-cost ceramic filter for the removal of methyl orange, hexavalent chromium, and <i>Escherichia coli</i> from water. <i>Materials Chemistry and Physics</i> , 2020, 249, 122965. | 2.0 | 15 |
| 76 | A BIOCHAR-BASED POINT-OF-USE WATER TREATMENT SYSTEM FOR THE REMOVAL OF FLUORIDE, CHROMIUM AND BRILLIANT BLUE DYE IN TERNARY SYSTEMS. <i>Environmental Engineering and Management Journal</i> , 2020, 19, 143-156. | 0.2 | 3 |
| 77 | Cross-Layer Leaching of Coal Fly Ash and Mine Tailings to Control Acid Generation from Mine Wastes. <i>Mine Water and the Environment</i> , 2019, 38, 602-616. | 0.9 | 6 |
| 78 | Occurrence of biological crusts and their relationship with vegetation on a chronosequence of abandoned gold mine tailings. <i>Ecological Engineering</i> , 2019, 139, 105559. | 1.6 | 15 |
| 79 | Water Treatment Using Metallic Iron: A Tutorial Review. <i>Processes</i> , 2019, 7, 622. | 1.3 | 31 |
| 80 | Characterizing the Suitability of Granular Fe ₀ for the Water Treatment Industry. <i>Processes</i> , 2019, 7, 652. | 1.3 | 19 |
| 81 | White Teeth and Healthy Skeletons for All: The Path to Universal Fluoride-Free Drinking Water in Tanzania. <i>Water (Switzerland)</i> , 2019, 11, 131. | 1.2 | 21 |
| 82 | Biological crusts enhance fertility and texture of gold mine tailings. <i>Ecological Engineering</i> , 2019, 135, 54-60. | 1.6 | 20 |
| 83 | Antibiotic resistance in drinking water systems: Occurrence, removal, and human health risks. <i>Science of the Total Environment</i> , 2019, 669, 785-797. | 3.9 | 340 |
| 84 | Fe ₀ /H ₂ O Filtration Systems for Decentralized Safe Drinking Water: Where to from Here?. <i>Water (Switzerland)</i> , 2019, 11, 429. | 1.2 | 25 |
| 85 | Effect of Nitrogen Fertiliser Application on Maize Yield Across Agro-Ecological Regions and Soil Types in Zimbabwe: A Meta-analysis Approach. <i>International Journal of Plant Production</i> , 2019, 13, 251-266. | 1.0 | 9 |
| 86 | Recurrent Cholera Outbreaks in Sub-Saharan Africa: Moving beyond Epidemiology to Understand the Environmental Reservoirs and Drivers. <i>Challenges</i> , 2019, 10, 1. | 0.9 | 32 |
| 87 | Making Rainwater Harvesting a Key Solution for Water Management: The Universality of the Kilimanjaro Concept. <i>Sustainability</i> , 2019, 11, 5606. | 1.6 | 30 |
| 88 | Evaluation of the phytotoxicity of coal ash on lettuce (<i>Lactuca sativa</i> L.) germination, growth and metal uptake. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 750-762. | 2.9 | 24 |
| 89 | Carbon Sequestration via Biomineralization: Processes, Applications and Future Directions. <i>Sustainable Agriculture Reviews</i> , 2019, , 93-106. | 0.6 | 3 |
| 90 | Comparative fertilization effects on maize productivity under conservation and conventional tillage on sandy soils in a smallholder cropping system in Zimbabwe. <i>Field Crops Research</i> , 2018, 218, 106-114. | 2.3 | 24 |

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| 91 | Sources, behaviour, and environmental and human health risks of high-technology rare earth elements as emerging contaminants. <i>Science of the Total Environment</i> , 2018, 636, 299-313. | 3.9 | 440 |
| 92 | Development, engineering properties and potential applications of unfired earth bricks reinforced by coal fly ash, lime and wood aggregates. <i>Journal of Building Engineering</i> , 2018, 18, 312-320. | 1.6 | 40 |
| 93 | Synthesis and nutrient release patterns of a biochar-based Nâ€“Pâ€“K slow-release fertilizer. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 405-414. | 1.8 | 93 |
| 94 | Organic contaminants in African aquatic systems: Current knowledge, health risks, and future research directions. <i>Science of the Total Environment</i> , 2018, 619-620, 1493-1514. | 3.9 | 115 |
| 95 | FeO/H ₂ O Systems for Environmental Remediation: The Scientific History and Future Research Directions. <i>Water (Switzerland)</i> , 2018, 10, 1739. | 1.2 | 20 |
| 96 | Potential Leaching of Heavy Metals from Pristine and Accelerated Weathered Slag from Recycling of Automobile Lead-Acid Batteries. <i>Environmental Processes</i> , 2018, 5, 611-629. | 1.7 | 9 |
| 97 | Avoiding the Use of Exhausted Drinking Water Filters: A Filter-Clock Based on Rusting Iron. <i>Water (Switzerland)</i> , 2018, 10, 591. | 1.2 | 6 |
| 98 | Synthesis, characterisation and methyl orange adsorption capacity of ferric oxideâ€“biochar nano-composites derived from pulp and paper sludge. <i>Applied Water Science</i> , 2017, 7, 2175-2186. | 2.8 | 150 |
| 99 | Removal of Trace Metals from Acid Mine Drainage Using a Sequential Combination of Coal Ash-Based Adsorbents and Phytoremediation by Bunchgrass (<i>Vetiver [Vetiveria zizanioides L.]</i>). <i>Mine Water and the Environment</i> , 2017, 36, 520-531. | 0.9 | 16 |
| 100 | Concentration-discharge patterns in a small urban headwater stream in a seasonally dry water-limited tropical environment. <i>Journal of Hydrology</i> , 2017, 550, 12-25. | 2.3 | 9 |
| 101 | Biochar-based water treatment systems as a potential low-cost and sustainable technology for clean water provision. <i>Journal of Environmental Management</i> , 2017, 197, 732-749. | 3.8 | 272 |
| 102 | Comparative Adsorption of Zn ²⁺ from Aqueous Solution Using Hydroxylated and Sulphonated Biochars Derived from Pulp and Paper Sludge. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1. | 1.1 | 9 |
| 103 | Ecotoxicological effects of citrus processing waste on earthworms, <i>Lumbricus terrestris L.</i> . <i>Industrial Crops and Products</i> , 2017, 110, 123-129. | 2.5 | 6 |
| 104 | Sorptive removal of methylene blue from simulated wastewater using biochars derived from pulp and paper sludge. <i>Environmental Technology and Innovation</i> , 2017, 8, 132-140. | 3.0 | 48 |
| 105 | An assessment of smallholder soil and water conservation practices and perceptions in contrasting agro-ecological regions in Zimbabwe. <i>Water Resources and Rural Development</i> , 2017, 9, 1-11. | 1.1 | 5 |
| 106 | PREDICTING ACID ROCK DRAINAGE FROM A NICKEL MINE WASTE PILE AND METAL LEVELS IN SURROUNDING SOILS. <i>Environmental Engineering and Management Journal</i> , 2017, 16, 2089-2096. | 0.2 | 2 |
| 107 | Comparative short-term effects of sewage sludge and its biochar on soil properties, maize growth and uptake of nutrients on a tropical clay soil in Zimbabwe. <i>Journal of Integrative Agriculture</i> , 2016, 15, 1395-1406. | 1.7 | 56 |
| 108 | Biosorbents for the removal of synthetic organics and emerging pollutants: Opportunities and challenges for developing countries. <i>Environmental Development</i> , 2016, 19, 84-89. | 1.8 | 96 |

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|-----|--|-----|-----------|
| 109 | Evaluation of heavy metal leaching from coal ash-versus conventional concrete monoliths and debris. <i>Waste Management</i> , 2016, 49, 114-123. | 3.7 | 53 |
| 110 | Potential uses and value-added products derived from waste polystyrene in developing countries: A review. <i>Resources, Conservation and Recycling</i> , 2016, 107, 157-165. | 5.3 | 99 |
| 111 | Potential for leaching of heavy metals in open-burning bottom ash and soil from a non-engineered solid waste landfill. <i>Chemosphere</i> , 2016, 147, 144-154. | 4.2 | 24 |
| 112 | Partitioning of turbulent flux reveals contrasting cooling potential for woody vegetation and grassland during heat waves. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 2528-2537. | 1.0 | 12 |
| 113 | Maize Water Productivity and Its Relationship to Soil Properties under Integrated Cattle Manure and Mineral-Nitrogen Fertilizer in a Smallholder Cropping System. <i>Agronomy Journal</i> , 2015, 107, 2410-2418. | 0.9 | 4 |
| 114 | Water quality and public health risks associated with roof rainwater harvesting systems for potable supply: Review and perspectives. <i>Sustainability of Water Quality and Ecology</i> , 2015, 6, 107-118. | 2.0 | 87 |
| 115 | Removal of Zn ²⁺ and Pb ²⁺ ions from aqueous solution using sulphonated waste polystyrene. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 2528-2537. | 3.3 | 37 |
| 116 | Biochar production and applications in sub-Saharan Africa: Opportunities, constraints, risks and uncertainties. <i>Journal of Environmental Management</i> , 2015, 150, 250-261. | 3.8 | 164 |
| 117 | Adsorption of Zn ²⁺ and Ni ²⁺ in a binary aqueous solution by biosorbents derived from sawdust and water hyacinth (<i>Eichhornia crassipes</i>). <i>Water Science and Technology</i> , 2014, 70, 1419-1427. | 1.2 | 34 |
| 118 | Hydrological Impacts of Urbanization and Urban Roof Water Harvesting in Water-limited Catchments: A Review. <i>Environmental Processes</i> , 2014, 1, 573-593. | 1.7 | 59 |
| 119 | Transpiration and water relations of evergreen shrub species on an artificial landform for mine waste storage versus an adjacent natural site in semi-arid Western Australia. <i>Ecohydrology</i> , 2014, 7, 965-981. | 1.1 | 18 |
| 120 | Does hydrocarbon contamination induce water repellency and changes in hydraulic properties in inherently wettable tropical sandy soils?. <i>Geoderma</i> , 2014, 235-236, 279-289. | 2.3 | 18 |
| 121 | Understanding the role of ecohydrological feedbacks in ecosystem state change in drylands. <i>Ecohydrology</i> , 2012, 5, 174-183. | 1.1 | 110 |
| 122 | Transpiration and plant water relations of evergreen woody vegetation on a recently constructed artificial ecosystem under seasonally dry conditions in Western Australia. <i>Hydrological Processes</i> , 2012, 26, 3281-3292. | 1.1 | 14 |
| 123 | Field-scale spatial variability of saturated hydraulic conductivity on a recently constructed artificial ecosystem. <i>Geoderma</i> , 2011, 166, 43-56. | 2.3 | 65 |
| 124 | Spatial analysis of fine root distribution on a recently constructed ecosystem in a water-limited environment. <i>Plant and Soil</i> , 2011, 344, 255-272. | 1.8 | 46 |
| 125 | Spatial analysis of fine root distribution on a recently constructed ecosystem in a water-limited environment. <i>Plant and Soil</i> , 2011, 348, 471-489. | 1.8 | 8 |
| 126 | Effects of tillage systems on soil organic carbon dynamics, structural stability and crop yields in irrigated wheat (<i>Triticum aestivum</i> L.)-cotton (<i>Gossypium hirsutum</i> L.) rotation in semi-arid Zimbabwe. <i>Nutrient Cycling in Agroecosystems</i> , 2009, 83, 211-221. | 1.1 | 64 |

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| 127 | Long-term impacts of pasture irrigation with treated sewage effluent on nutrient status of a sandy soil in Zimbabwe. <i>Nutrient Cycling in Agroecosystems</i> , 2008, 82, 197-207. | 1.1 | 40 |
| 128 | Long-term impacts of pasture irrigation with treated sewage effluent on shallow groundwater quality. <i>Water Science and Technology</i> , 2008, 58, 2443-2452. | 1.2 | 11 |