

CITATION REPORT

List of articles citing

The challenges of wastewater irrigation in developing countries

DOI: 10.1016/j.agwat.2008.11.004

Agricultural Water Management, 2010, 97, 561-568.

Source: <https://exaly.com/paper-pdf/49577109/citation-report.pdf>

Version: 2024-04-20

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
461	Water reuse for irrigated agriculture in Jordan: challenges of soil sustainability and the role of management strategies. 2010 , 368, 5315-21		6
460	Global water crisis and future food security in an era of climate change. 2010 , 35, 365-377		712
459	Investing in water for food, ecosystems, and livelihoods: An overview of the comprehensive assessment of water management in agriculture. <i>Agricultural Water Management</i> , 2010 , 97, 495-501	5.9	114
458	Farmers' perceptions and knowledge in using wastewater for irrigation at twelve peri-urban areas and two sugar mill areas in Bangladesh. <i>Agricultural Water Management</i> , 2010 , 98, 79-86	5.9	47
457	. 2011 ,		
456	Water reuse for irrigation in Jordan: Perceptions of water quality among farmers. <i>Agricultural Water Management</i> , 2011 , 98, 847-854	5.9	87
455	Waste-Water Use in Energy Crops Production. 2011 ,		
454	Evaluation of Soil Sensitivity towards the Irrigation with Treated Wastewater in the Jordan River Region. <i>Water (Switzerland)</i> , 2011 , 3, 1092-1111	3	11
453	Soil quality response to long-term wastewater irrigation in Inceptisols from a semi-arid environment. 2011 , 91, 269-280		29
452	Impact of Treated Wastewater Reuse on Agriculture and Aquifer Recharge in a Coastal Area: Korba Case Study. 2011 , 25, 2251-2265		31
451	Assessment of reclaimed water irrigation on growth, yield, and water-use efficiency of forage crops. 2011 , 1, 57-65		17
450	An alternative membrane treatment process to produce low-salt and high-nutrient recycled water suitable for irrigation purposes. 2011 , 274, 144-149		21
449	Developing country farmers need more than financial incentives to reduce the risks of wastewater irrigation. 2011 , 36, 467-475		6
448	Resource-Saving Rice Cultivation with Circulated Irrigation of Treated Wastewater. 2012 , 68, III_93-III_101		
447	The Influence of Wastewater Irrigation on the Transformation and Bioavailability of Heavy Metal(Loid)s in Soil. 2012 , 115, 215-297		55
446	Economic Incentives Can Enhance Policy Efforts to Improve Water Quality in Asia. 2012 , 28, 217-231		2
445	Organic micropollutants in rivers downstream of the megacity Beijing: sources and mass fluxes in a large-scale wastewater irrigation system. 2012 , 46, 8680-8		111

444	A strategic plan for reuse of treated municipal wastewater for crop irrigation on the Island of Crete. <i>Agricultural Water Management</i> , 2012 , 105, 57-64	5.9	40
443	Sustainability of irrigated farming systems in a Tunisian region: A recursive stochastic programming analysis. 2012 , 86, 100-110		20
442	Irrigation of energy crops with urban wastewater: Effects on biomass yields, soils and heating values. <i>Agricultural Water Management</i> , 2012 , 115, 55-65	5.9	64
441	Improving water use efficiency in drylands. 2012 , 4, 497-506		33
440	Bio-contact oxidation and greenhouse-structured wetland system for rural sewage recycling in cold regions: A full-scale study. 2012 , 49, 249-253		24
439	Quality and trace element profile of Tunisian olive oils obtained from plants irrigated with treated wastewater. 2012 , 2012, 535781		10
438	Wastewater irrigation and environmental health: implications for water governance and public policy. 2012 , 215, 255-69		185
437	Heavy load and high potential: anthropogenic pressures and their impacts on the water quality along a lowland river (Western Bug, Ukraine). 2012 , 65, 1459-1473		25
436	Field-scale analysis of water and nutrient use efficiency for vegetable production in a West African urban agricultural system. 2012 , 92, 207-224		33
435	Exploring the potential for wastewater reuse in agriculture as a climate change adaptation measure for Can Tho City, Vietnam. <i>Agricultural Water Management</i> , 2013 , 128, 43-54	5.9	37
434	Convective Drying of Wastewater Sludge: Introduction of Shrinkage Effect in Mathematical Modeling. 2013 , 31, 643-654		40
433	Comparison of microbial quality of irrigation water delivered in aluminum and PVC pipes. <i>Agricultural Water Management</i> , 2013 , 129, 145-151	5.9	4
432	Influence of long-term sewage irrigation on the distribution of organochlorine pesticides in soil-groundwater systems. 2013 , 92, 337-43		22
431	Evaluating the welfare effects of improved wastewater treatment using a discrete choice experiment. 2013 , 123, 49-57		29
430	A Critical Review on the End Uses of Recycled Water. 2013 , 43, 1446-1516		58
429	Heavy metals accumulation and spatial distribution in long term wastewater irrigated soils. 2013 , 1, 925-933		35
428	Leachate characteristics as influenced by application of anaerobic baffled reactor effluent to three soils: a soil column study. 2013 , 93, 2171-9		11
427	Global, regional, and country level need for data on wastewater generation, treatment, and use. <i>Agricultural Water Management</i> , 2013 , 130, 1-13	5.9	342

426	Towards effective water reuse: drivers, challenges and strategies shaping the organisational management of reclaimed water in Jordan. 2013 , 179, 61-73	7
425	Local soil knowledge and management of Anthrosols: A case study in Teoloyucan, Mexico. 2013 , 193-194, 41-51	12
424	Recent Advances in the Reuse of Wastewaters for Promoting Sustainable Development. 2013 , 47-103	23
423	Heavy metals pollution in the soils of suburban areas in big cities: a case study. 2013 , 10, 243-250	41
422	Impacts of irrigation with industrial treated wastewater on soil properties. 2013 , 200-201, 31-39	38
421	Adaptation of Potato to Water Shortage: Irrigation Management and Enhancement of Tolerance to Drought and Salinity. 2013 , 90, 186-206	46
420	Risk Control in Recycled Water Schemes. 2013 , 43, 2439-2510	10
419	Clean energy and water: assessment of Mexico for improved water services and renewable energy. <i>Environment, Development and Sustainability</i> , 2013 , 15, 1303-1321	4.5 10
418	Effects of Municipal Reclaimed Wastewater Irrigation on Organic and Inorganic Composition of Soil and Groundwater in Souhil Wadi Area (Nabeul, Tunisia). 2013 , 04,	1
417	Safety of horticultural and livestock products in two medium-sized cities of Mali and Burkina Faso. 2014 , 9, 735-745	6
416	The Distributions of Water and Bacteria in Soil from a Point Source Applying Sewage Effluents with Varying Concentrations of E. coli. 2014 ,	
415	Risk assessment of irrigated lacustrine & calcareous soils by treated wastewaterPeer review under responsibility of National Water Research Center.View all notes. 2014 , 28, 1-17	4
414	Water Use: Recycling and Desalination for Agriculture. 2014 , 407-424	6
413	. 2014 , 32, 77-85	21
412	Occurrence of Micro-pollutants in a SoilâBadish System Irrigated with Several Types of Treated Domestic Wastewater. 2014 , 225, 1	8
411	Effects of long-term irrigation with treated wastewater on soil quality, soil-borne pathogens, and living organisms: case study of the vicinity of El Hajeb (Tunisia). 2014 , 186, 2671-83	14
410	Irrigation of a Mediterranean soil under field conditions with urban wastewater: Effect on pesticide behaviour. 2014 , 185, 176-185	26
409	A scoping review of unintended harm associated with public health interventions: towards a typology and an understanding of underlying factors. 2014 , 59, 3-14	45

408	Modeling and Simulation of Heat and Mass Transfer During Convective Drying of Wastewater Sludge with Introduction of Shrinkage Phenomena. 2014 , 32, 13-22	30
407	Environmental risk assessment of groundwater quality and treated wastewater reuse on aquifer recharge: a case study in Korba, Tunisia. 2014 , 52, 2032-2038	4
406	Molecular analysis for screening human bacterial pathogens in municipal wastewater treatment and reuse. 2014 , 48, 11610-9	56
405	Impact of treated municipal wastewater irrigation on turnip (<i>Brassica rapa</i>). 2014 , 9, 200-211	4
404	Integrating Physiological and Genetic Approaches for Improving Drought Tolerance in Crops. 2014 , 315-345	7
403	Role of Irrigation with Raw and Artificial Wastewaters on Pesticide Desorption from Two Mediterranean Calcareous Soils. 2014 , 225, 1	9
402	The Influence of Municipal Treated Wastewater on Morpho-Physiological Characteristics of Eucalyptus Plants. 2014 , 225, 1	1
401	A SYSTEM TO CULTIVATE RICE FOR ANIMAL FEED WITH CIRCULATED IRRIGATION OF TREATED MUNICIPAL WASTEWATER. 2014 , 70, III_175-III_183	2
400	Progress in Slow Sand and Alternative Biofiltration Processes. 2014 , 13,	0
399	Evolution of Sanitation and Wastewater Technologies through the Centuries. 2014 , 13,	8
398	Balancing water scarcity and quality for sustainable irrigated agriculture. 2015 , 51, 3419-3436	104
397	Natural Water Treatment Systems for Safe and Sustainable Water Supply in the Indian Context: Saph Pani. 2015 , 14,	3
396	Microbiological contamination sources of freshly cultivated vegetables. 2015 , 45, 646-658	12
395	Handbook of Water Economics. 2015 ,	4
394	Institutional and policy analysis of wastewater (re)use for agriculture: case study Hyderabad, India. 2015 , 72, 322-31	11
393	Cultivation of rice for animal feed with circulated irrigation of treated municipal wastewater for enhanced nitrogen removal: comparison of cultivation systems feeding irrigation water upward and downward. 2015 , 72, 579-84	13
392	A review of the challenges and opportunities for water reuse in irrigation with a focus on its prospects in Tanzania. 2015 , 7, 111	3
391	Simulaci3n del proceso de biodegradaci3n de aguas residuales de la industria de carne mediante una red neuronal artificial perceptr3n multicapa. 2015 , 23, 269-275	2

390	Ambiance rose production and nutrient supply in soil irrigated with treated sewage. 2015 , 19, 755-759		4
389	Helminth Egg Removal Capacity of UASB Reactors under Subtropical Conditions. <i>Water (Switzerland)</i> , 2015 , 7, 2402-2421	3	3
388	Achieving Water and Food Security in 2050: Outlook, Policies, and Investments. 2015 , 5, 188-220		8
387	Cation and anion monitoring in a wastewater treatment pilot project. 2015 ,		9
386	Accumulation of Metals in Soils, Groundwater and Edible Parts of Crops Grown Under Long-Term Irrigation with Sewage Mixed Industrial Effluents. 2015 , 95, 200-6		18
385	Regional food security risk assessment under the coordinated development of water resources. 2015 , 78, 603-619		11
384	Socio-economic background of wastewater irrigation and bioaccumulation of heavy metals in crops and vegetables. <i>Agricultural Water Management</i> , 2015 , 158, 26-34	5.9	44
383	The changes in the physical and hydraulic properties of a loamy soil under irrigation with simpler-reclaimed wastewaters. <i>Agricultural Water Management</i> , 2015 , 158, 213-224	5.9	23
382	Business Models and Economic Approaches for Recovering Energy from Wastewater and Fecal Sludge. 2015 , 217-245		3
381	Feasibility study of ecological wastewater treatment system for decentralized rural community in South Korea. 2015 , 1-8		
380	Taming Food Security Through Wastewater Irrigation Practices. 2015 , 111-136		5
379	The Potentiality of Wastewater Use for Irrigation in Turkey. 2015 , 137-155		
378	Towards strategies to adapt to pressures on safety of fresh produce due to climate change. 2015 , 68, 94-107		23
377	The future of urban agriculture and biodiversity-ecosystem services: Challenges and next steps. 2015 , 16, 189-201		231
376	Effect of long-term irrigation with wastewater on growth, biomass production and water use by Eucalyptus (<i>Eucalyptus tereticornis</i> Sm.) planted at variable stocking density. <i>Agricultural Water Management</i> , 2015 , 152, 151-160	5.9	31
375	An integrated approach to assess the dynamics of a peri-urban watershed influenced by wastewater irrigation. 2015 , 523, 427-440		15
374	Ten key research issues for integrated and sustainable wastewater reuse in the Middle East. 2015 , 22, 5699-710		17
373	Growth and accumulation of heavy metals in turnip (<i>Brassica rapa</i>) irrigated with different concentrations of treated municipal wastewater. 2015 , 46, 60-71		18

372	Contrasting Effects of Farmyard Manure (FYM) and Compost for Remediation of Metal Contaminated Soil. 2015 , 17, 613-21		23
371	Managing change and building resilience: A multi-stressor analysis of urban and peri-urban agriculture in Africa and Asia. 2015 , 12, 183-204		53
370	Short-term emissions of CO ₂ and N ₂ O in response to periodic flood irrigation with waste water in the Mezquital Valley of Mexico. 2015 , 101, 116-124		15
369	Long term impact of waste water irrigation and nutrient rates: I. Performance, sustainability and produce quality of peri urban cropping systems. <i>Agricultural Water Management</i> , 2015 , 156, 100-109	5.9	25
368	Assessing the Finance and Economics of Resource Recovery and Reuse Solutions Across Scales. 2015 , 113-136		5
367	Wastewater Use in Agriculture and Relevance of Micropollutants in North African Countries. <i>Handbook of Environmental Chemistry</i> , 2015 , 193-212	0.8	3
366	Policy and Institutional Determinants of Wastewater Use in Agriculture. 2015 , 93-112		1
365	A group decision-making tool for the application of membrane technologies in different water reuse scenarios. 2015 , 156, 97-108		23
364	Influence of biochar on sorption, leaching and dissipation of bisphenol A and 17 β -ethynylestradiol in soil. 2015 , 17, 1722-30		15
363	Comparative SWOT Analysis for Water Solutions in Asia and Africa. 2015 , 29, 125-138		16
362	Growth of eucalyptus seedlings irrigated with different wastewaters. 2016 , 11, 4779-4785		1
361	Water Management. 2016 , 117-134		
360	Occurrence of Escherichia coli in Brassica rapa L. chinensis irrigated with low quality water in urban areas of Morogoro, Tanzania. 2016 , 15, 2772-2777		2
359	A Review of Health Risks and Pathways for Exposure to Wastewater Use in Agriculture. 2016 , 124, 900-9		83
358	Testing the environmental performance of urban agriculture as a food supply in northern climates. 2016 , 135, 984-994		65
357	Microbial contamination along the main open wastewater and storm water channel of Hanoi, Vietnam, and potential health risks for urban farmers. <i>Science of the Total Environment</i> , 2016 , 566-567, 1014-1022	10.2	20
356	A review of literature on the factors affecting wastewater treatment and recycling across a broad spectrum of economic stages of development. 2016 , 18, 217-234		9
355	Combined Effect of Sodidity and Organic Matter on Soil Properties under Long-Term Irrigation with Treated Wastewater. 2016 , 15, vj2015.12.0158		21

354	Sediment-associated metals levels along the sewer-natural treatment wetland continuum, Phnom Penh, Cambodia. 2016 , 13, 819-829		3
353	Crop development based assessment framework for guiding the conjunctive use of fresh water and sewage water for cropping practice—A case study. <i>Agricultural Water Management</i> , 2016 , 169, 98-105	5.9	3
352	Effects of pipe materials on biofouling under controlled hydrodynamic conditions. 2016 , 6, 167-174		3
351	Innovations in Utilization of Poor-Quality Water for Sustainable Agricultural Production. 2016 , 219-263		7
350	A Water Perspective on Land Competition. 2016 , 313-332		1
349	A conceptual framework for assessing the ecosystem service of waste remediation: In the marine environment. 2016 , 20, 69-81		22
348	Biometric properties and selected chemical concentration of cauliflower influenced by wastewater applied through surface and subsurface drip irrigation system. 2016 , 139, 396-406		13
347	NUTRIENT CHARACTERISTICS OF RICE FOR ANIMAL FEED CULTIVATED WITH CONTINUOUS IRRIGATION OF TREATED MUNICIPAL WASTEWATER. 2016 , 72, III_505-III_514		1
346	Prevalence of Protozoa and Indicator Bacteria in Wastewater Irrigation Sources in Kathmandu Valley, Nepal: Cases from Kirtipur, Bhaktapur, and Madhyapur Thimi Municipalities. <i>Journal of Water and Environment Technology</i> , 2016 , 14, 149-157	1.1	10
345	Health risk assessment of textile effluent reuses as irrigation water in leafy vegetable <i>Basella alba</i> . 2016 , 5, 113-123		7
344	Effects on Growth and Yield of Eggplant (<i>Solanum Melongema</i> L.) Under Placement of Drip Laterals and Using Municipal Wastewater. 2016 , 65, 480-490		3
343	Pharmaceuticals in soils of lower income countries: Physico-chemical fate and risks from wastewater irrigation. 2016 , 94, 712-723		36
342	Modeling of subsurface horizontal flow constructed wetlands using OpenFOAM. 2016 , 2, 1		7
341	Competitive sorption of linear alkylbenzene sulfonate (LAS) surfactants and the antibiotics sulfamethoxazole and ciprofloxacin in wastewater-irrigated soils of the Mezquital Valley, Mexico. 2016 , 16, 2186-2194		6
340	Suitability assessment of phosphate mine waste water for agricultural irrigation: an example from Eshidiya Mines, South Jordan. 2016 , 75, 1		7
339	Desorption of sulfamethoxazole and ciprofloxacin from long-term wastewater-irrigated soils of the Mezquital Valley as affected by water quality. 2016 , 16, 966-975		6
338	Added-value from linking the value chains of wastewater treatment, crop production and bioenergy production: A case study on reusing wastewater and sludge in crop production in Braunschweig (Germany). 2016 , 107, 195-211		25
337	Monitoring of Lead (Pb) Pollution in Soils and Plants Irrigated with Untreated Sewage Water in Some Industrialized Cities of Punjab, India. 2016 , 96, 443-8		6

336	Urban versus conventional agriculture, taxonomy of resource profiles: a review. 2016 , 36, 1		73
335	A kinetic model for biofilm growth inside non-PC emitters under reclaimed water drip irrigation. <i>Agricultural Water Management</i> , 2016 , 168, 23-34	5.9	15
334	Field accumulation risks of heavy metals in soil and vegetable crop irrigated with sewage water in western region of Saudi Arabia. 2016 , 23, S32-44		240
333	Non-conventional water resources research in semi-arid countries of the Middle East. 2016 , 57, 2290-2303		20
332	Environmental and health risks associated with reuse of wastewater for irrigation. 2017 , 26, 95-102		57
331	Perceptions of using low-quality irrigation water in vegetable production in Morogoro, Tanzania. <i>Environment, Development and Sustainability</i> , 2017 , 19, 165-183	4.5	14
330	Surveying the Environmental Footprint of Urban Food Consumption. 2017 , 21, 151-165		50
329	Microbiological quality of lettuce (<i>Lactuca sativa</i>) irrigated with wastewater in Addis Ababa, Ethiopia and effect of green salads washing methods. 2017 , 4,		17
328	Study of the genotoxicity of organic extracts from wastewater-irrigated vegetables using in vitro and in vivo biological tests. 2017 , 24, 7051-7059		3
327	Nitrogen Utilization under Drip Irrigation with Sewage Effluent in the North China Plain. 2017 , 66, 699-710		4
326	Using Reclaimed Water for Agricultural and Landscape Irrigation in China: a Review. 2017 , 66, 672-686		44
325	Effect of Applying Sewage Effluent with Subsurface Drip Irrigation on Soil Enzyme Activities during the Maize Growing Season. 2017 , 66, 723-737		2
324	Urban Activities in India Leading to Soil Pollution. 2017 , 193-228		3
323	Various soil amendments and environmental wastes affect the (im)mobilization and phytoavailability of potentially toxic elements in a sewage effluent irrigated sandy soil. 2017 , 142, 375-387		71
322	Agriculture and Rural Development in a Globalizing World. 2017 ,		3
321	Screening Organic Compounds in Urban Wastewater Using a Hyphenated System and NMR Pattern Recognition. 2017 , 173-186		3
320	The use of wastewater in livestock production and its socioeconomic and welfare implications. 2017 , 24, 17255-17266		9
319	Probabilistic quantitative microbial risk assessment model of norovirus from wastewater irrigated vegetables in Ghana using genome copies and fecal indicator ratio conversion for estimating exposure dose. <i>Science of the Total Environment</i> , 2017 , 601-602, 1712-1719	10.2	17

3 ¹⁸	Urban Agriculture as a Productive Green Infrastructure for Environmental and Social Well-Being. 2017 , 155-179	12
3 ¹⁷	Doped Ti-pillared clays as effective adsorbents – Application to methylene blue and trimethoprim removal. 2017 , 14, 267	11
3 ¹⁶	Experts on the past, working in the present: what archeologists can contribute to current water management. 2017 , 4, e1215	
3 ¹⁵	Wastewater in Agriculture: Possibilities and Limitations. 2017 , 215-225	
3 ¹⁴	Disease burden due to gastrointestinal infections among people living along the major wastewater system in Hanoi, Vietnam. 2017 , 108, 439-449	21
3 ¹³	Volumetric water footprints, applied in a global context, do not provide insight regarding water scarcity or water quality degradation. 2017 , 74, 420-426	25
3 ¹²	Evaluation of Green Waste and Popular Twigs Biochar Produced at Low and High Pyrolytic Temperature for Efficient Removal of Metals from Water. 2017 , 228, 1	2
3 ¹¹	Antimicrobial Resistance Spread Mediated by Wastewater Irrigation. 2017 , 207-217	1
3 ¹⁰	Wastewater treatment and reuse in urban agriculture: exploring the food, energy, water, and health nexus in Hyderabad, India. 2017 , 12, 075005	68
3 ⁰⁹	Experimentation on the anaerobic filter reactor for biogas production using rural domestic wastewater. 2017 , 81, 012099	
3 ⁰⁸	Changes in quality and quantity of soil organic matter stocks resulting from wastewater irrigation in formerly forested land. 2017 , 306, 99-107	19
3 ⁰⁷	A global, spatially-explicit assessment of irrigated croplands influenced by urban wastewater flows. 2017 , 12, 074008	101
3 ⁰⁶	Estimation of health risks caused by exposure to enteroviruses from agricultural application of wastewater effluents. 2017 , 125, 104-113	43
3 ⁰⁵	Application of up-flow anaerobic sludge blanket reactor integrated with constructed wetland for treatment of banana winery effluent. 2017 , 12, 667-674	5
3 ⁰⁴	Reuse of Treated Wastewater in Egypt: Challenges and Opportunities. <i>Handbook of Environmental Chemistry</i> , 2017 , 429-453	0.8 15
3 ⁰³	Heavy metal accumulation and health risk assessment in wastewater-irrigated urban vegetable farming sites of Addis Ababa, Ethiopia. 2017 , 4,	54
3 ⁰²	A livelihood in a risky environment: Farmers' preferences for irrigation with wastewater in Hyderabad, India. 2017 , 46, 347-360	9
3 ⁰¹	Irrigating okra with secondary treated municipal wastewater: Observations regarding plant growth and soil characteristics. 2017 , 19, 490-499	7

300	Health risk assessment of heavy metals in wheat using different water qualities: implication for human health. 2017 , 24, 947-955		36
299	Low C/N ratio raw textile wastewater reduced labile C and enhanced organic-inorganic N and enzymatic activities in a semiarid alkaline soil. 2017 , 24, 3456-3469		8
298	Solar photo-Fenton and UV/H ₂ O ₂ processes against the antidepressant Venlafaxine in urban wastewaters and human urine. Intermediates formation and biodegradability assessment. 2017 , 308, 492-504		45
297	Impact of Treated Industrial Effluent on Physical and Chemical Properties of Three Subtropical Soils and Millet Nutrition. 2017 , 48, 2514-2525		0
296	Evolution of Agroforestry as a Modern Science. 2017 , 13-90		9
295	Governing the reuse of treated wastewater in irrigation: the case study of Jericho, Palestine. 2017 , 16, 135		6
294	Impact of Potentially Contaminated River Water on Agricultural Irrigated Soils in an Equatorial Climate. 2017 , 7, 52		25
293	Light-Assisted Advanced Oxidation Processes for the Elimination of Chemical and Microbiological Pollution of Wastewaters in Developed and Developing Countries. 2017 , 22,		70
292	Economic Valuation of Ecosystem Services from Small-Scale Agricultural Management Interventions in Burkina Faso: A Discrete Choice Experiment Approach. <i>Sustainability</i> , 2017 , 9, 1672	3.6	6
291	Investigation of Geochemical Characteristics and Controlling Processes of Groundwater in a Typical Long-Term Reclaimed Water Use Area. <i>Water (Switzerland)</i> , 2017 , 9, 800	3	24
290	Impacts of sewage irrigation on soil properties of farmland in China: A review. 2017 ,		4
289	Social Perspectives on the Effective Management of Wastewater. 2017 ,		7
288	Wastewater Reuse to Cope With Water and Nutrient Scarcity in Agriculture—A Case Study for Braunschweig in Germany. 2017 , 352-365		1
287	CHANGES IN SOIL CHEMICAL PROPERTIES PROMOTED BY FERTIGATION WITH TREATED SANITARY WASTEWATER. 2017 , 37, 343-352		8
286	Obstacles to Low Quality Water Irrigation of Food Crops in Morogoro, Tanzania. 2017 , 10, 1		2
285	Removal of <i>Escherichia coli</i> and <i>Enterococcus faecalis</i> after Hand Washing with Antimicrobial and Nonantimicrobial Soap and Persistence of These Bacteria in Rinsates. 2017 , 80, 1670-1675		8
284	Agricultural reuse of municipal wastewater through an integral water reclamation management. 2018 , 213, 135-141		22
283	Harvesting Experience for Sustainable Urban Water Management. 2018 , 61-75		4

282	Spatial patterns of pollutants in water of metropolitan drain in Lahore, Pakistan, using multivariate statistical techniques. 2018 , 190, 128		8
281	Farmers' perceptions on irrigation water contamination, health risks and risk management measures in prominent wastewater-irrigated vegetable farming sites of Addis Ababa, Ethiopia. 2018 , 38, 52-64		10
280	Shrinkage of digested sludge from gelatin production. 2018 , 36, 1603-1618		2
279	Spatio-temporal distribution and chemical characterization of groundwater quality of a wastewater irrigated system: A case study. <i>Science of the Total Environment</i> , 2018 , 636, 1089-1098	10.2	27
278	Conjunctive use of saline and fresh water increases the productivity of maize in saline coastal region of Bangladesh. <i>Agricultural Water Management</i> , 2018 , 204, 262-270	5.9	17
277	Stakeholders' attitude towards the reuse of treated wastewater for irrigation in Mediterranean agriculture. <i>Agricultural Water Management</i> , 2018 , 204, 60-68	5.9	47
276	Heavy metals transfer in the olive tree and assessment of food contamination risk. 2018 , 25, 18320-18331		14
275	Traditional 'aavee' rice production in Sri Lanka: environmental, economic and social pressures revealed through stakeholder interviews. 2018 , 16, 225-241		8
274	Incentives for low-quality water irrigation of food crops in Morogoro, Tanzania. <i>Environment, Development and Sustainability</i> , 2018 , 20, 479-494	4.5	4
273	Wastewater treatment and biomass growth of eight plants for shallow bed wetland roofs. 2018 , 247, 992-998		18
272	Water flow paths are hotspots for the dissemination of antibiotic resistance in soil. 2018 , 193, 1198-1206		18
271	Bottom-to-top continuous irrigation of treated municipal wastewater for effective nitrogen removal and high quality rice for animal feeding. 2018 , 18, 1183-1195		6
270	Design of a WSN for smart irrigation in citrus plots with fault-tolerance and energy-saving algorithms. 2018 , 10, 95		12
269	Agronobiotechnologies to Improve the Water Quality in Irrigation Systems. 2018 , 141-157		
268	Investing in water management in rural and urban landscapes to achieve and sustain global food security. 2018 , 278-295		0
267	An analysis of wastewater irrigation practices and its impacts on the livelihood generation and food chain contamination in Faisalabad District, Pakistan. 2018 , 5, 33-42		4
266	Effects of Water Quality and Post-Harvest Handling on Microbiological Contamination of Lettuce at Urban and Peri-Urban Locations of Ouagadougou, Burkina Faso. 2018 , 7,		7
265	Industrial Wastewater Treatment and Reuse in a Developing Country Context: Evidence at the Firm Level from Ecuador. 2018 , 04, 1750005		2

264	Policy Note: "Addressing Trade-offs to Promote Safely Managed Wastewater in Developing Countries". 2018 , 04, 1871002		5
263	Long-term, low technicality sewage sludge amendment and irrigation with treated wastewater under Mediterranean climate: impact on agronomical soil quality. 2018 , 25, 35571-35581		9
262	Nutrient removal and biomass production: advances in microalgal biotechnology for wastewater treatment. 2018 , 38, 1244-1260		49
261	Nutrient Recovery from Domestic Effluent using an Indigenous Strain of <i>Scenedesmus</i> sp.. 2018 , 46, 1800204		2
260	Interactive Effects of Lead and Nickel Contamination on Nickel Mobility Dynamics in Spinach. 2018 , 12, 553-560		11
259	A Review of Environmental Contamination and Health Risk Assessment of Wastewater Use for Crop Irrigation with a Focus on Low and High-Income Countries. 2018 , 15,		140
258	Governing Transactions and Interdependences between Linked Value Chains in a Circular Economy: The Case of Wastewater Reuse in Braunschweig (Germany). <i>Sustainability</i> , 2018 , 10, 1125	3.6	15
257	Effects of irrigation with secondary treated wastewater on physicochemical and microbial properties of soil and produce safety in a semi-arid area. 2018 , 144, 356-364		43
256	Saline and Sodic Soils. 2018 , 255-298		8
255	Wastewater tertiary treatment options to match reuse standards in agriculture. <i>Agricultural Water Management</i> , 2018 , 210, 232-242	5.9	41
254	Vegetable farmers' knowledge, attitude and drivers regarding untreated wastewater irrigation in developing countries: A case study in Iran. 2018 , 202, 863-870		12
253	Water and sanitation: an essential battlefield in the war on antimicrobial resistance. 2018 , 94,		64
252	The use of a risk assessment tool based on the Sanitation Safety Planning approach for the improvement of O&M procedures of a wastewater treatment plant in Tanzania. 2019 , 25, 1463-1472		1
251	Saline soil reclamation by agroforestry species under Kalań Landelous conditions and irrigation with treated wastewater in Tunisia. 2019 , 26, 28829-28841		9
250	Biochar filters as an on-farm treatment to reduce pathogens when irrigating with wastewater-polluted sources. 2019 , 248, 109295		19
249	Global evaluation of heavy metal content in surface water bodies: A meta-analysis using heavy metal pollution indices and multivariate statistical analyses. 2019 , 236, 124364		210
248	Food safety in low and middle-income countries: The evidence through an economic lens. 2019 , 123, 104611		28
247	Use of Poor-quality Water for Agricultural Production. 2019 , 769-783		2

246	Naturally occurring radon assessment in Al-Rustumia wastewater treatment plant. 2019 , 9, 1		0
245	Pathways Toward Sustainable Development. 2019 , 510-543		
244	Application of Time-Lapse Ion Exchange Resin Sachets (TIERS) for Detecting Illegal Effluent Discharge in Mixed Industrial and Agricultural Areas, Taiwan. <i>Sustainability</i> , 2019 , 11, 3129	3.6	3
243	Application of Calophyllum Inophyllum Seed Husk as a Low-cost Biosorbent for Efficient Removal of Heavy Metals from Wastewater for a Safer Environment. 2019 , 6, 159-172		1
242	Sustainable use and management of non-conventional water resources for rehabilitation of marginal lands in arid and semiarid environments. <i>Agricultural Water Management</i> , 2019 , 221, 462-476	5.9	63
241	Engineering Irrigation Drippers with Rechargeable N-Halamine Nanoparticles for Antifouling Applications. 2019 , 11, 23584-23590		4
240	Evaluating the effect of irrigation water management techniques on (taro) madumbe (<i>Colocasia esculenta</i> (L.) Schott) grown with anaerobic filter (AF) effluent at Newlands, South Africa. 2019 , 9, 203-212		4
239	The role of urbanization in soil and groundwater contamination by heavy metals and pathogenic bacteria: A case study from Oman. 2019 , 5, e01771		10
238	Constructed wetland for wastewater reuse: Role and efficiency in removing enteric pathogens. 2019 , 246, 444-461		35
237	On-farm wastewater treatment using biochar from local agroresidues reduces pathogens from irrigation water for safer food production in developing countries. <i>Science of the Total Environment</i> , 2019 , 682, 601-610	10.2	22
236	Bacteriological and physicochemical quality of treated wastewater of the Mzar treatment plant. 2019 , 9, 1		9
235	A technoeconomic assessment of microalgal culture technology implementation for combined wastewater treatment and CO2 mitigation in the Arabian Gulf. 2019 , 127, 90-102		22
234	Stakeholder evaluations of risk interventions for non-potable recycled water schemes: A case study. <i>Science of the Total Environment</i> , 2019 , 674, 439-450	10.2	5
233	Pharmaceuticals and personal care products in aquatic environment: chemicals of emerging concern?. 2019 , 63-85		4
232	Lymphocytes exposed to vegetables grown in waters contaminated by anticancer drugs: metabolome alterations and genotoxic risks for human health. 2019 , 842, 125-131		3
231	Effects of Binary Mixtures and Transpiration on Accumulation of Pharmaceuticals by Spinach. 2019 , 53, 4850-4859		17
230	Assessing technical and social driving factors of water reuse in agriculture: A review on risks, regulation and the yuck factor. <i>Agricultural Water Management</i> , 2019 , 217, 426-439	5.9	48
229	Revaluing the nutrition potential of reclaimed water for irrigation in southeastern Spain. <i>Agricultural Water Management</i> , 2019 , 218, 174-181	5.9	10

228	Effect of initial soil water content and bulk density on the infiltration and desalination of melting saline ice water in coastal saline soil. 2019 , 70, 1249		3
227	Trace Metal Contamination and Risk Assessment of an Urban River in Limpopo Province, South Africa. 2019 , 102, 492-497		5
226	Assessment of nitrate and nitrite levels in treated wastewater, soil, and vegetable crops at the upper reach of Zarqa River in Jordan. 2019 , 191, 153		3
225	Risk-Yuck Factor Nexus in Reclaimed Wastewater for Irrigation: Comparing Farmers' Attitudes and Public Perception. <i>Water (Switzerland)</i> , 2019 , 11, 187	3	25
224	<i>i>Effects of phosphorus fertigation on the Olsen-P content in soil and yield of maize under drip irrigation with secondary sewage effluent</i>. 2019 ,		
223	Fractal analysis in rural domestic wastewater quality under dissolved oxygen stability in wetlands planted with <i>Chrysopogon zizanioides</i> . 2019 , 1386, 012136		0
222	Evaluation of the possible persistence of potential human pathogenic bacteria in olive orchards irrigated with treated urban wastewater. <i>Science of the Total Environment</i> , 2019 , 658, 763-767	10.2	10
221	Wastewater conservation and reuse in quality vegetable cultivation: Overview, challenges and future prospects. 2019 , 98, 489-500		29
220	Motivators for treated wastewater acceptance across developed and developing contexts. 2019 , 9, 1-6		6
219	Development and performance evaluation of low-cost wastewater treatment plant. 2019 , 5, 1217-1226		4
218	Recycled Sewage - A Water Resource for Dry Regions of Southeastern Spain. 2019 , 33, 725-737		13
217	A Faecal Contamination Index for interpreting heterogeneous diarrhoea impacts of water, sanitation and hygiene interventions and overall, regional and country estimates of community sanitation coverage with a focus on low- and middle-income countries. 2019 , 222, 270-282		23
216	Assessment of water quality at the largest dam in Algeria (Beni Haroun Dam) and effects of irrigation on soil characteristics of agricultural lands. 2019 , 219, 76-88		54
215	Assessment of heavy-metal pollution in three different Indian water bodies by combination of multivariate analysis and water pollution indices. 2020 , 26, 1-16		61
214	On-farm urban vegetable farming practices and health risk perceptions of farmers in Kumasi. 2020 , 85, 943-959		1
213	Hydrogeochemical and mixing processes controlling groundwater chemistry in a wastewater irrigated agricultural system of India. 2020 , 239, 124741		15
212	Spatial distribution of metals in soils under agriculture in the Jordan Valley. 2020 , 20, e00245		6
211	Hydroponic technology as decentralised system for domestic wastewater treatment and vegetable production in urban agriculture: A review. <i>Science of the Total Environment</i> , 2020 , 698, 134154	10.2	48

210	Coping with salinity in irrigated agriculture: Crop evapotranspiration and water management issues. <i>Agricultural Water Management</i> , 2020 , 227, 105832	5.9	94
209	Quantification of metal uptake in <i>Spinacia oleracea</i> irrigated with water containing a mixture of CuO and ZnO nanoparticles. 2020 , 243, 125239		17
208	Human health hazards of wastewater. 2020 , 125-139		6
207	Risk management policy for HRPs in wastewater. 2020 , 259-277		
206	Spatio-temporal variations in chemical-physical water quality parameters influencing water reuse for irrigated agriculture in tropical urbanized deltas. <i>Science of the Total Environment</i> , 2020 , 708, 134559 ^{10.2}		27
205	Effects of Irrigation with Fish Farm Effluent on Nutrient Content of Basil and Purslane. 2020 , 90, 825-831		2
204	Management options for coffee processing wastewater. A review. 2020 , 22, 454-469		8
203	Risk analysis by bioaccumulation of Cr, Cu, Ni, Pb and Cd from wastewater-irrigated soil to Brassica species. 2020 , 17, 2889-2906		5
202	Ceramic Microfiltration Membranes in Wastewater Treatment: Filtration Behavior, Fouling and Prevention. 2020 , 10,		21
201	EVAS - a practical tool to assess the sustainability of small wastewater treatment systems in low and lower-middle-income countries. <i>Science of the Total Environment</i> , 2020 , 746, 140938	10.2	3
200	Effect of micro-aerobic process on improvement of anaerobic digestion sewage sludge treatment: flow cytometry and ATP assessment.. 2020 , 10, 35718-35728		3
199	Assessing the public perceptions of treated wastewater reuse: opportunities and implications for urban communities in developing countries. 2020 , 6, e05246		16
198	Understanding Antibiotic Residues and Pathogens Flow in Wastewater from Smallholder Pig Farms to Agriculture Field in Ha Nam Province, Vietnam. 2020 , 14, 1178630220943206		3
197	Impact of industrial effluents, domestic wastewater and natural dams on heavy metals concentrations in vegetables cultivated in Northern Nigeria. 2020 , 12, 1-7		0
196	Incidence of <i>Escherichia coli</i> in Vegetable Crops and Soil Profile Drip Irrigated with Primarily Treated Municipal Wastewater in a Semi-Arid Peri Urban Area. 2020 , 10, 291		3
195	Sustainable water management in megacities of the future. 2020 , 201-219		1
194	Wastewater-irrigated urban vegetable farming in Ethiopia: A review on their potential contamination and health effects. 2020 , 6, 1772629		4
193	Water Scarcity and Wastewater Reuse in Crop Irrigation. <i>Sustainability</i> , 2020 , 12, 9055	3.6	55

192	Potentially toxic element (PTE) levels in maize, soil, and irrigation water and health risks through maize consumption in northern Ningxia, China. 2020 , 20, 1729		4
191	Treatment options for the direct reuse of reclaimed water in developing countries. 2020 , 1-31		2
190	Characterisation of indigenous microbial community isolated from wastewater treatment phases Baghdad/Iraq. 2020 , 871, 012016		
189	Challenges and Prospects of Using Treated Wastewater to Manage Water Scarcity Crises in the Gulf Cooperation Council (GCC) Countries. <i>Water (Switzerland)</i> , 2020 , 12, 1971	3	15
188	Long-Term Effect of Heavy MetalâPolluted Wastewater Irrigation on Physiological and Ecological Parameters of <i>Salicornia europaea</i> L.. 2020 , 20, 1574-1587		11
187	Effects of treated greywater irrigation regimes and mulches on yield of <i>Capsicum chinense</i> under surface drip irrigation system. 2020 , 445, 012017		1
186	A critical analysis of wastewater use in agriculture and associated health risks in Pakistan. 2020 , 1		26
185	Beneficial additive values of wastewater irrigation of two aromatic plants grown in low fertile soil. 2020 , 34, 132-142		2
184	Effect of Short-term Irrigation of Wastewater on Wheat Growth and Nitrogen and Phosphorus in Soil. 2020 , 20, 1589-1595		1
183	Impact assessment of long treated wastewater irrigation on soil and crops in Algeria. 2020 , 5, 1		0
182	Assessment of algae-based wastewater treatment in hot climate region: Treatment performance and kinetics. 2020 , 141, 140-149		15
181	An appropriate technique for treating rural wastewater by a flow step feed system driven by wind-solar hybrid power. 2020 , 187, 109651		6
180	Human health risk assessment of heavy metals in raw milk of buffalo feeding at wastewater-irrigated agricultural farms in Pakistan. 2020 , 27, 29567-29579		8
179	Urbanisation and emerging economies: Issues and potential solutions for water and food security. <i>Science of the Total Environment</i> , 2020 , 732, 139057	10.2	29
178	Green remediation of salineâSodic Pb-factored soil by growing salt-tolerant rice cultivar along with soil applied inorganic amendments. 2020 , 18, 637-649		3
177	Heavy metal uptake by wastewater irrigated potato plants grown on contaminated soil treated with hydrogel based amendments. 2020 , 19, 100952		7
176	Waste-organics supported treatment of nitrogen-rich digester supernatant. <i>Journal of Water Process Engineering</i> , 2020 , 37, 101385	6.7	1
175	Prevalence of and in vegetables in Iran: a nineteen-years meta-analysis review. 2020 , 18, 1629-1641		5

174	Periurban Transformations in the Global South and Their Impact on Water-Based Livelihoods. <i>Water (Switzerland)</i> , 2020 , 12, 458	3	12
173	Occurrence of <i>Staphylococcus</i> spp. and investigation of fecal and animal viral contaminations in livestock, river water, and sewage from Tunisia and Romania. 2020 , 192, 206		2
172	Use of (partially) treated municipal wastewater in irrigated agriculture; potentials and constraints for sub-Saharan Africa. 2020 , 118-119, 102906		8
171	Occurrence of heavy metals and pesticide residues in tomato crop: a threat to public health. 2020 , 13, 1		6
170	Alterations to groundwater chemistry due to modern water transfer for irrigation over decades. <i>Science of the Total Environment</i> , 2020 , 717, 137170	10.2	44
169	Quantitative assessment of groundwater pollution risk in reclaimed water irrigation areas of northern China. 2020 , 261, 114173		13
168	Irrigation of Zea mays with UASB-treated textile wastewater; effect on early irrigation of Zea mays with UASB-treated textile wastewater; effect on early growth and physiology. 2020 , 27, 15305-15324		5
167	Comparative residual effect of activated carbon and other organic amendments on immobilization and phytoavailability nickel and other metals to Egyptian Clover () in contaminated soil. 2020 , 22, 687-693		1
166	Energy, nutrient, and water resource recovery from agriculture and aquaculture wastes. 2020 , 343-362		1
165	Paradigm shifts and current challenges in wastewater management. 2020 , 390, 122139		45
164	Global and regional potential of wastewater as a water, nutrient and energy source. 2020 , 44, 40-51		62
163	Slow sand filtration of raw wastewater using biochar as an alternative filtration media. 2020 , 10, 1229		25
162	Health risks of heavy metal exposure and microbial contamination through consumption of vegetables irrigated with treated wastewater at Dubai, UAE. 2020 , 27, 11213-11226		22
161	Garbage in garbage out: the contribution of our industrial advancement to wastewater degeneration. 2020 , 27, 22319-22335		8
160	Hydrotalcite-like compounds and related materials as catalysts for the photodegradation of pharmaceutical compounds: Synthesis and catalytic performances. 2020 , 79-90		0
159	Potentially toxic element contamination of arid and semi-arid soils and its phytoremediation. 2020 , 34, 361-391		12
158	Comprehensive review of the basic chemical behaviours, sources, processes, and endpoints of trace element contamination in paddy soil-rice systems in rice-growing countries. 2020 , 397, 122720		48
157	Impact of long-term recycled water irrigation on crop yield and soil chemical properties. <i>Agricultural Water Management</i> , 2020 , 237, 106167	5.9	13

156	Wastewater reclamation and reuse potentials in agriculture: towards environmental sustainability. <i>Environment, Development and Sustainability</i> , 2021 , 23, 2949-2972	4.5	17
155	Promoting multiple-use water services by leveraging existing rural water supply and smallholder farmer groups, Malawi. 2021 , 37, 321-338		1
154	Virus removal by membrane bioreactors: A review of mechanism investigation and modeling efforts. 2021 , 188, 116522		18
153	Investigating plant uptake of organic contaminants through transpiration stream concentration factor and neural network models. <i>Science of the Total Environment</i> , 2021 , 751, 141418	10.2	9
152	Optimal bed thickness and effective size for improving wastewater quality for irrigation. 2021 , 12, 175-190		
151	Variation of soil moisture and fine roots distribution adopts rainwater collection, infiltration promoting and soil anti-seepage system (RCIP-SA) in hilly apple orchard on the Loess Plateau of China. <i>Agricultural Water Management</i> , 2021 , 244, 106573	5.9	5
150	Scientific and technological trajectory in the recovery of value-added products from wastewater: A general approach. <i>Journal of Water Process Engineering</i> , 2021 , 39, 101692	6.7	5
149	Impact of treatment plant management on human health and ecological risks from wastewater irrigation in developing countries - case studies from Cochabamba, Bolivia. 2021 , 31, 355-373		12
148	Water Resource Availability and Quality in the North Africa Region Under Climate Change. 2021 , 29-54		
147	Status and prospects of wastewater treatment and reuse in agriculture. 2021 , 253-271		
146	Synergies and trade-offs between sanitation and the sustainable development goals. 2,		0
145	Critical knowledge gaps and research priorities in global soil salinity. 2021 , 1-191		30
144	Hospital wastewater treated with a novel bacterial consortium (<i>Alcaligenes faecalis</i> and <i>Bacillus paramycoides</i> spp.) for phytotoxicity reduction in Berseem clover and tomato crops. 2021 , 83, 1764-1780		5
143	Country-level and gridded estimates of wastewater production, collection, treatment and reuse. 2021 , 13, 237-254		49
142	Contamination Assessment of Durum Wheat and Barley Irrigated with Treated Wastewater through Physiological and Biochemical Effects and Statistical Analyses. 2021 , 2021, 1-10		1
141	Irrigation with treated wastewater in humid regions: Effects on Nitisols, sugarcane yield and quality. <i>Agricultural Water Management</i> , 2021 , 247, 106733	5.9	3
140	Pharmaceutically Active Compounds in Wastewater Treatment Plants: Electrochemical Advanced Oxidation as Onsite Treatment. 2021 , 141-158		
139	Towards improving food security in urban and peri-urban areas in Ethiopia through map analysis for planning. 2021 , 58, 126967		2

138	Assessment of sediment quality of the Qalubiya drain and adjoining soils, Eastern Nile Delta, Egypt. 2021 , 14, 1		6
137	Silver nanoparticle filter for domestic wastewater reuse. 2021 , 96, 2152		0
136	Enhanced contaminant removal from municipal wastewater using novel cascade cum trickling filter and multilayer adsorption bioreactor. 1		0
135	High residual sodium carbonate water in the Indian subcontinent: concerns, challenges and remediation. 2021 , 18, 3257-3272		2
134	Ecological risk assessment of soils under different wastewater irrigation farming system in Punjab, Pakistan.. 1		2
133	Influence of plant types, bed media and feeding patterns on wastewater treatment performance of wetland roofs. <i>Journal of Water Process Engineering</i> , 2021 , 40, 101972	6.7	1
132	Institutional framework in relation to the use of low-quality water for food crops irrigation in Tanzania. 2021 , 7, 1		1
131	Institutional challenges and stakeholder perception towards planned water reuse in peri-urban agriculture of the Bengal delta. 2021 , 283, 111974		4
130	Potential Risk of Consuming Vegetables Planted in Soil with Copper and Cadmium and the Influence on Vegetable Antioxidant Activity. 2021 , 11, 3761		1
129	Efficiency of <i>Phragmites australis</i> under different times of wastewater irrigation in the soil-plant-water system. 1		0
128	Investigating the working efficiency of natural wastewater treatment systems: A step towards sustainable systems.		3
127	Theory of planned behavior to predict consumer behavior in using products irrigated with purified wastewater in Iran consumer. 2021 , 296, 126359		18
126	Willingness of farmers to use treated wastewater for irrigation in the West Bank, Palestine. 1-21		0
125	Microbial fuel cells: a comprehensive review for beginners. 2021 , 11, 248		2
124	The influence of combined low-strength ultrasonics and micro-aerobic pretreatment process on methane generation and sludge digestion: Lipase enzyme, microbial activation, and energy yield. 2021 , 73, 105531		2
123	Wastewater Treatment and Reuse: a Review of its Applications and Health Implications. 2021 , 232, 1		16
122	Soil fertility, chemical properties, and pollutant removal efficiency of <i>Salicornia europaea</i> in response to different times and duration of wastewater irrigation. 2021 , 193, 360		0
121	Treated Wastewater IrrigationâA Review. <i>Water (Switzerland)</i> , 2021 , 13, 1527	3	17

120	A review of wastewater irrigation: Environmental implications. 2021 , 168, 105454		29
119	Horticultural products irrigated with treated sewage: are they acceptable?. 2021 , 28, 54057-54068		1
118	Microalgae cultivation for the treatment of anaerobically digested municipal centrate (ADMC) and anaerobically digested abattoir effluent (ADAE). <i>Science of the Total Environment</i> , 2021 , 775, 145853	10.2	11
117	Antimicrobial resistance profiles and genetic basis of resistance among non-fastidious Gram-negative bacteria recovered from ready-to-eat foods in Kibera informal housing in Nairobi, Kenya. 2021 , 3, 000236		1
116	Wastewater reuse for crop irrigation: Crop yield, soil and human health implications based on giardiasis epidemiology. <i>Science of the Total Environment</i> , 2021 , 775, 145833	10.2	22
115	Occurrence and removal of intestinal parasites in two wastewater treatment plants in the south of Morocco.. 2021 , 19, 1425-1434		0
114	Remediating the Adverse Effects of Treated Wastewater Irrigation by Repeated On-Surface Surfactant Application. 2021 , 57, e2020WR029429		3
113	Effects of Biochar and Biochar-Compost Mix as Soil Amendments on Soil Quality and Yield of Potatoes Irrigated with Wastewater. 1		1
112	Effect of Different Wastewater Irrigation Regimes on Growth of Mulberry (<i>Morus macroura</i> Miq.). 2021 , 63, 331-337		0
111	Effect of hydrogel based soil amendments on yield and growth of wastewater irrigated potato and spinach grown in a sandy soil. 2021 , 23, 101730		
110	Effect of hydrogel based soil amendments on heavy metal uptake by spinach grown with wastewater irrigation. 2021 , 311, 127644		6
109	Toxic wastewater status for irrigation usage at Gazipur and Savar industrial vicinity of Bangladesh. 2021 , 41, 358-364		5
108	From Mangrove to Fork: Metal Presence in the Guayas Estuary (Ecuador) and Commercial Mangrove Crabs. 2021 , 10,		0
107	Modelling Salinity and Sodicity Risks of Long-Term Use of Recycled Water for Irrigation of Horticultural Crops. 2021 , 5, 49		
106	Assessment of industrial wastewater for potentially toxic elements, human health (dermal) risks, and pollution sources: A case study of Gadoon Amazai industrial estate, Swabi, Pakistan. 2021 , 419, 126450		14
105	Reuse of wastewaters in irrigation of broad bean and their effect on plant-aphid interaction. <i>Agricultural Water Management</i> , 2021 , 257, 107156	5.9	4
104	Heavy metals concentration in vegetables irrigated with municipal wastewater and their human daily intake in Erbil city. 2021 , 16, 100475		5
103	Solid waste and wastewater management: A social and global perspective. 2021 , 1-22		

102	Contextualizing Farmers' Perceptions of Agricultural Wastewater Reuse in Areas of Water Shortage and Contamination: An In-Depth Case Study of Wadi Al-Farâ' WatershedâPalestine. 2021 , 29-49	
101	Making the Case for Wastewater Irrigation in Bangladesh. 2021 , 631-641	
100	Future Sustainable Performance of Hemp. 2021 , 81-93	1
99	Accumulation of potentially harmful elements (PHEs) in lettuce (<i>Lactuca sativa</i> L.) and coriander (<i>Coriandrum sativum</i> L.) irrigated with wastewater: a systematic review and meta-analysis and probabilistic health risk assessment. 2021 , 28, 13072-13082	6
98	Wastewater irrigation: past, present, and future. 2019 , 6, e1234	59
97	Wastewater Irrigation-Sourced Plant Nutrition: Concerns and Prospects. 2020 , 417-434	4
96	Global Experiences on Wastewater Irrigation: Challenges and Prospects. 2016 , 289-327	38
95	Phytoremediation of Metal-Contaminated Sites. 2020 , 725-745	2
94	Water Footprint in Rice-Based Cropping Systems of South Asia. 2021 , 273-308	3
93	Isolation of <i>N. philippinensis</i> and <i>N. americana</i> strains from irrigation waters of farmland soils in Iran. 2020 , 27, 24568-24573	4
92	Climate change and shifts in cropping systems together exacerbate China's water scarcity. 2020 , 15, 104060	3
91	Impact of surface runoff on the aquifers of Port-au-Prince, Haiti. 2010 , 128-138	2
90	Risk Perceptions of Wastewater Use for Urban Agriculture in Accra, Ghana. 2016 , 11, e0150603	24
89	Crescimento e estado nutricional de helicia irrigada com ua residuia tratada em casa de vegeta. 2012 , 16, 820-827	3
88	Virological Quality of Urban Rivers and Hospitals Wastewaters in Addis Ababa, Ethiopia. 2019 , 13, 164-170	3
87	Sludge Stabilization Process, Drying Depth and Polymeric Material Addition: Implication on Nitrogen Content, Selected Chemical Properties and Land Requirement in Sand Drying Beds. 2020 , 13, 6753	3
86	Role of Phycoremediation to Remove Heavy Metals from Sewage Water: Review Article. 2018 , 12, 1-9	5
85	Effects of Irrigation Management Practices on Water Allocation Among Farmers in Kiladeda Sub-Catchment, Tanzania. 70-86	1

84	Effect of Different Irrigation Sources on Growth, Yield and Heavy Metals Accumulation in Tomato and Okra. 2019 , 10-19	3
83	Potential of rice straw biochar, sulfur and ryegrass (L.) in remediating soil contaminated with nickel through irrigation with untreated wastewater. 2020 , 8, e9267	14
82	Practice of wastewater irrigation and its impacts on human health and environment: a state of the art. 1	2
81	Mitigation of Climate Change Impacts through Treatment and Management of Low Quality Water for Irrigation in Pakistan. 2017 , 84-101	
80	Self-perceived Incentives and Disincentives of Untreated Waste Water Irrigation in Vegetables in Peri-Urban Areas of Pakistan. 2017 , 8, 231-235	
79	Reuse of Treated Municipal Wastewater under Different Growing Seasons for the Spinach Production. 2018 , 09, 482-499	1
78	PRELIMINARY ASSESSMENT OF PROTEIN-RICH RICE CULTIVATED WITH TREATED MUNICIPAL WASTEWATER IRRIGATION AS ANIMAL FODDER. 2018 , 74, III_341-III_348	
77	ARITILMIATIKSULARIN YENDEN KULLANIM ALANLARININ DEERLENDIRİMESİ	1
76	Effects of Irrigation Management Practices on Water Allocation Among Farmers in Kiladeda Sub-Catchment, Tanzania. 2019 , 105-121	
75	Adaptation Strategies to Mitigate the Evapotranspiration for Sustainable Crop Production: A Perspective of Rice-Wheat Cropping System. 2019 , 559-581	1
74	SuitabilityAssessment of Sirsa River Water for irrigation in Shiwalik Foothills of North Western Himalaya. 2019 , 14, 159-169	
73	Adverse and Beneficial Effects of Woody Biomass Feedstock Plantations on Biodiversity and Wildlife Habitats. 2019 , 16, 25-33	0
72	Climate Change Risks for Agriculture, Health, and Nutrition. 2020 , 135-148	
71	Halophytes for Utilizing and Restoring Coastal Saline Soils of India: Emphasis on Agroforestry Mode. 2020 , 481-524	
70	Promises and challenges for expanding the use of N2-fixing cyanobacteria as a fertilizer for sustainable agriculture. 2022 , 99-158	0
69	Risk perception of populations in Northeastern Brazil about domestic sewage treatment and reuse. 23,	
68	Mitigation of Climate Change Impacts Through Treatment and Management of Low Quality Water for Irrigation in Pakistan. 2020 , 1181-1198	
67	Wastewater irrigation in India: Current status, impacts and response options. <i>Science of the Total Environment</i> , 2021 , 808, 152001	10.2 6

66	Toxicological Evaluation of Ethanolic Leaf and Fruit Extracts of <i>Phaseolus vulgaris</i> L. Treated with Wastewater in <i>Danio rerio</i> Hamilton (Zebrafish). 2021 , 21, 24-31		
65	Machine Learning Approach to Predict Quality Parameters for Bacterial Consortium-Treated Hospital Wastewater and Phytotoxicity Assessment on Radish, Cauliflower, Hot Pepper, Rice and Wheat Crops. <i>Water (Switzerland)</i> , 2022 , 14, 116	3	0
64	Treated wastewater suitability for reuse in comparison to groundwater and surface water in a peri-urban area: Implications for water quality management.. <i>Science of the Total Environment</i> , 2022 , 815, 152780	10.2	3
63	Trade-offs of wastewater irrigation. 2022 ,		0
62	Impact of treated sewage effluent on soil fertility, salinization, and heavy metal content. <i>Bragantia</i> , 81,	1.2	
61	Use of nanotechnology for wastewater treatment: potential applications, advantages, and limitations. 2022 , 223-272		1
60	Yield and quality of pineapple fertigated with treated wastewater. <i>Fruits</i> , 2022 , 77,	0.3	
59	Evaluating Wastewater Reuse in Urban Agriculture from a Systems Perspective: Focus on Linkages with Water, Energy, and Health. 2021 , 141-157		1
58	Greening Urban Areas with Decentralized Wastewater Treatment and Reuse: A Case Study of Ecoparque in Tijuana, Mexico. <i>Water (Switzerland)</i> , 2022 , 14, 596	3	1
57	The WHO Guidelines for Safe Wastewater Use in Agriculture: A Review of Implementation Challenges and Possible Solutions in the Global South. <i>Water (Switzerland)</i> , 2022 , 14, 864	3	2
56	Natural Treatment Systems and Importance of Social Cost Benefit Analysis in Developing Countries: A Critical Review. <i>Sustainability</i> , 2022 , 14, 3913	3.6	0
55	Inactivation of <i>Escherichia coli</i> and somatic coliphage λ 174 by oxidation of electrochemically produced Fe ²⁺ . <i>Journal of Water Process Engineering</i> , 2022 , 47, 102683	6.7	0
54	Spatiotemporal variation in urban wastewater pollution impacts on river microbiomes and associated hazards in the Akaki catchment, Addis Ababa, Ethiopia.. <i>Science of the Total Environment</i> , 2022 , 153912	10.2	1
53	Bioaccumulation and Tolerance Indices of Cadmium in Wheat Plants Grown in Cadmium-Spiked Soil: Health Risk Assessment. <i>Frontiers in Environmental Science</i> , 2021 , 9,	4.8	
52	Evaluation of Dissolved Greenhouse Gas Profiles in Paddy Fields Irrigated with Treated Sewage Effluent. <i>Journal of Water and Environment Technology</i> , 2022 , 20, 59-69	1.1	
51	Nature-inspired ecotechnological approaches toward recycling and recovery of resources from wastewater. 2022 , 101-145		
50	Policy, Laws, and Guidelines of Wastewater Reuse for Agricultural Purposes in Developing Countries. <i>Handbook of Environmental Chemistry</i> , 2022 , 1	0.8	
49	Impact of treated sewage effluent on soil fertility, salinization, and heavy metal content. <i>Bragantia</i> , 81,	1.2	

48	Elucidating the role of environmental management of forests, air quality, solid waste and wastewater on the dissemination of SARS-CoV-2. 2022 , 100006		0
47	Toxicological Effects of Sewage Water on Chick Embryonic Development. <i>BioMed Research International</i> , 2022 , 2022, 1-7	3	
46	Urban water as an alternative freshwater resource for matching irrigation demand in the Bengal delta.. <i>Science of the Total Environment</i> , 2022 , 155475	10.2	1
45	Reuse of poor-quality water for sustainable crop production in the changing scenario of climate. <i>Environment, Development and Sustainability</i> ,	4.5	2
44	Advanced Wastewater Treatment by Using Entrapped nZVI into Alginate (Ag) Biopolymer: Adsorption Isotherm, Kinetic Models, and Statistical Analysis. <i>Key Engineering Materials</i> , 921, 147-160	0.4	0
43	Improving fertigation efficiency by numerical modelling in a lettuce subsurface drip irrigation farm. <i>Agricultural Water Management</i> , 2022 , 270, 107721	5.9	0
42	Water Quality Characterization of Industrial and Municipal Wastewater, Issues, Challenges, Health Effects, and Control Techniques. 2022 , 1-30		
41	Application of an AnaerobicâAnoxicâOxic (AAO/O) Model to the Treatment of Real Domestic Wastewater. <i>Journal of Chemistry</i> , 2022 , 2022, 1-7	2.3	
40	The Awareness of Palm Trees Farmers in the uses of Treated Wastewater in Irrigation. 2014 , 184-191		
39	Sewage Irrigation FieldsâFrom Relict Landscape to Blue-Green Urban Infrastructure. 2022 , 14, 2505		
38	Investigation of heavy metalloid pollutants in the south of Tehran using kriging method and HYDRUS model. 2022 , 9,		0
37	Evaluation of Heavy Metals in Soil Wastewater Stream. 2022 , 2022, 1-11		0
36	Ecological Impact and Human Health Risk Assessment of Pumpkin and Spinach Cultivated around Non- mining Axes of Asu River Group.		0
35	Warhorses in soil bioremediation: Seed biopriming with PGPF secretome to phytostimulate crop health under heavy metal stress. 2022 , 114498		1
34	Phytoremediating a Wastewater-Irrigated Soil Contaminated with Toxic Metals: Comparing the Efficacies of Different Crops. 2022 , 6, 77		1
33	Physiological and biochemical responses of <i>Phragmites australis</i> to wastewater for different time duration. 2022 , 44,		0
32	Wastewater Management in Agriculture. 2022 , 14, 3351		2
31	Tannery Effluents: Current Practices, Environmental Consequences, Human Health Risks, and Treatment Options. 2200303		0

30	Review on research achievements of blackwater anaerobic digestion for enhanced resource recovery.	0
29	Contributions of pathogens from agricultural water to fresh produce. 2023 , 357-377	0
28	Improvement of degraded agricultural soil in an arid zone following short- and long-term treated municipal wastewater application: A case study of Gabes perimeter, Tunisia. 2023 , 182, 104685	1
27	Health risk implications of iron in wastewater soil-food crops grown in the vicinity of peri urban areas of the District Sargodha. 2022 , 17, e0275497	0
26	Physical and microbiological health of soil under wastewater irrigation in tuberose (<i>Polianthes tuberosa</i>). 2019 , 89,	0
25	Wastewater generation and treatment by various eco-friendly technologies: Possible health hazards and further reuse for environmental safety. 2023 , 313, 137547	0
24	Short-term impact of wastewater irrigation on chemical soil health in tuberose (<i>Polianthes tuberosa</i>). 2019 , 89,	0
23	The perspective of a smart city by endorsing the nexus Bermuda triangle with the risk assessment of polluted water reuse in integrated water and food security management: the case of Semnan, Iran.	0
22	Wastewater Management: From Ancient Greece to Modern Times and Future. 2023 , 15, 43	1
21	Irrigation suitability, health risk assessment and source apportionment of heavy metals in surface water used for irrigation near marble industry in Malakand, Pakistan. 2022 , 17, e0279083	1
20	Wastewater Reuse for Irrigation Agriculture in Morocco: Influence of Regulation on Feasible Implementation. 2022 , 11, 2312	0
19	The potential of tobacco in supporting farmers in East Lombok Regency during the Covid-19 Pandemic. 2022 , 1107, 012019	0
18	Climate-smart technologies for reducing water footprints in different cropland ecosystems: a meso analysis.	0
17	Bacteria spatial tracking in Urban Park soils with MALDI-TOF Mass Spectrometry and Specific PCR. 2023 , 16,	1
16	Can Regional Eco-Efficiency Forecast the Changes in Local Public Health: Evidence Based on Statistical Learning in China. 2023 , 20, 1381	0
15	Development of Concrete Mixture for Spun-Cast Full-Scale Precast Concrete Pipes Incorporating Bundled Steel and Polypropylene Fibers. 2023 , 16, 512	0
14	Health risks of <i>Cryptosporidium</i> and <i>Giardia</i> in the application of surface water and septic tank effluent in Chinese agriculture: Impact on cancer patients identified by quantitative microbial risk assessment. 2023 , 111, 104213	0
13	Advanced Technologies for Wastewater Treatment. 2023 , 179-202	0

- 12 Sustainable Solutions to Food Insecurity in Nigeria: Perspectives on Irrigation, Crop-Water Productivity, and Antecedents. **2022**, 353-371
- 11 Nutrient Recovery and Utilization from Wastewater for Soil-Less Agriculture. **2023**, 137-158
- 10 Contamination of soil and food chain through wastewater application. **2023**,
- 9 Metatranscriptome Revealed the Efficacy and Safety of a Prospective Approach for Agricultural Wastewater Reuse: Achieving Ammonia Retention during Biological Treatment by a Novel Natural Inhibitor Epsilon-Poly-L-Lysine.
- 8 Chemical synthesis of silver/titanium dioxide nanoheteroparticles for eradicating pathogenic bacteria and photocatalytically degrading organic dyes in wastewater. **2023**, 30, 103059
- 7 Remediation technologies for contaminated groundwater due to arsenic (As), mercury (Hg), and/or fluoride (F): A critical review and way forward to contribute to carbon neutrality. **2023**, 314, 123474
- 6 Agriculture systems dataset in rural communities of Hidalgo state, Mexico. **2023**, 47, 108918
- 5 Heavy Metal Remediation by Nanotechnology. **2023**, 571-597
- 4 Environmental Policy to Develop a Conceptual Design for the Water-Energy-Food Nexus: A Case Study in Wadi-Dara on the Red Sea Coast, Egypt. **2023**, 15, 780
- 3 Heavy Metal Removal from Aqueous Solutions Using Biomaterials and/or Functional Composites: Recent Advances and the Way Forward in Wastewater Treatment Using Digitalization. **2023**, 7, 84
- 2 Assessment of Heavy Metal(oid)s Accumulation in Eggplant and Soil under Different Irrigation Systems. **2023**, 15, 1049
- 1 Hydraulic feasibility of discharging sludge from a local WWTP to a centralized WWTP through sewage network lines. **2023**, 9, e15574