

Daniel D Snow

List of Publications by Citations

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151
papers

4,460
citations

36
h-index

62
g-index

168
ext. papers

5,189
ext. citations

5.7
avg, IF

5.8
L-index

#	Paper	IF	Citations
151	The occurrence of illicit and therapeutic pharmaceuticals in wastewater effluent and surface waters in Nebraska. <i>Environmental Pollution</i> , 2009 , 157, 786-91	9.3	281
150	Occurrence of sulfonamide antimicrobials in private water wells in Washington County, Idaho, USA. <i>Chemosphere</i> , 2006 , 64, 1963-71	8.4	237
149	Occurrence of steroid hormones and antibiotics in shallow groundwater impacted by livestock waste control facilities. <i>Journal of Contaminant Hydrology</i> , 2011 , 123, 94-103	3.9	192
148	Analysis of oxytetracycline, tetracycline, and chlortetracycline in water using solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2001 , 928, 177-86	4.5	172
147	Determination of the persistence of tetracycline antibiotics and their degradates in manure-amended soil using enzyme-linked immunosorbent assay and liquid chromatography-mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 7165-71	5.7	156
146	Fate and transport of antimicrobials and antimicrobial resistance genes in soil and runoff following land application of swine manure slurry. <i>Environmental Science & Technology</i> , 2013 , 47, 12081-8	10.3	126
145	Biotransformation of tetracycline by a novel bacterial strain <i>Stenotrophomonas maltophilia</i> DT1. <i>Journal of Hazardous Materials</i> , 2016 , 318, 125-133	12.8	104
144	Effect of growth promotants on the occurrence of endogenous and synthetic steroid hormones on feedlot soils and in runoff from beef cattle feeding operations. <i>Environmental Science & Technology</i> , 2012 , 46, 1352-60	10.3	103
143	Imidacloprid Sorption and Transport in Cropland, Grass Buffer, and Riparian Buffer Soils. <i>Vadose Zone Journal</i> , 2018 , 17, 1-12	2.7	102
142	Intracellular and extracellular antimicrobial resistance genes in the sludge of livestock waste management structures. <i>Environmental Science & Technology</i> , 2013 , 47, 10206-13	10.3	98
141	A review of ecological effects and environmental fate of illicit drugs in aquatic ecosystems. <i>Journal of Hazardous Materials</i> , 2015 , 282, 18-25	12.8	88
140	Occurrence and biological effect of exogenous steroids in the Elkhorn River, Nebraska, USA. <i>Science of the Total Environment</i> , 2007 , 388, 104-15	10.2	84
139	Co-occurrence of the cyanotoxins BMAA, DABA and anatoxin-a in Nebraska reservoirs, fish, and aquatic plants. <i>Toxins</i> , 2014 , 6, 488-508	4.9	83
138	Antibiotics and Antibiotic Resistance in Agroecosystems: State of the Science. <i>Journal of Environmental Quality</i> , 2016 , 45, 394-406	3.4	83
137	Odorous VOC emission following land application of swine manure slurry. <i>Atmospheric Environment</i> , 2013 , 66, 91-100	5.3	80
136	Occurrence of antimicrobials and antimicrobial resistance genes in beef cattle storage ponds and swine treatment lagoons. <i>Science of the Total Environment</i> , 2013 , 463-464, 631-8	10.2	80
135	Enhanced anthocyanin extraction from red cabbage using pulsed electric field processing. <i>Journal of Food Science</i> , 2010 , 75, E323-9	3.4	79

134	Trace analysis of ethanol, MTBE, and related oxygenate compounds in water using solid-phase microextraction and gas chromatography/mass spectrometry. <i>Analytical Chemistry</i> , 2000 , 72, 4654-8	7.8	79
133	Fate of antimicrobials and antimicrobial resistance genes in simulated swine manure storage. <i>Science of the Total Environment</i> , 2014 , 481, 69-74	10.2	74
132	Challenges in the Measurement of Antibiotics and in Evaluating Their Impacts in Agroecosystems: A Critical Review. <i>Journal of Environmental Quality</i> , 2016 , 45, 407-19	3.4	74
131	Quantitative evaluation of laboratory uptake rates for pesticides, pharmaceuticals, and steroid hormones using POCIS. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 1412-20	3.8	63
130	Sensitive determination of RDX, nitroso-RDX metabolites, and other munitions in ground water by solid-phase extraction and isotope dilution liquid chromatography-atmospheric pressure electro-spray [correction of chemical] ionization mass spectrometry. <i>Journal of Chromatography A</i> , 1999 , 844, 87-95	4.5	63
129	Antibiotics in Agroecosystems: Introduction to the Special Section. <i>Journal of Environmental Quality</i> , 2016 , 45, 377-93	3.4	49
128	Occurrence and Potential Biological Effects of Amphetamine on Stream Communities. <i>Environmental Science & Technology</i> , 2016 , 50, 9727-35	10.3	47
127	Sensitive and simplified analysis of natural and synthetic steroids in water and solids using on-line solid-phase extraction and microwave-assisted solvent extraction coupled to liquid chromatography tandem mass spectrometry atmospheric pressure photoionization. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 1759-71	4.4	47
126	Nanomaterials in the environment, human exposure pathway, and health effects: A review. <i>Science of the Total Environment</i> , 2021 , 759, 143470	10.2	47
125	In vitro and in vivo safety assessment of edible blue-green algae, <i>Nostoc commune</i> var. <i>sphaeroides</i> K&szing and <i>Spirulina plantensis</i> . <i>Food and Chemical Toxicology</i> , 2011 , 49, 1560-4	4.7	46
124	Effects of sludge disposal on groundwater nitrate concentrations. <i>Journal of Hydrology</i> , 1993 , 142, 213-228		43
123	Seasonal occurrence of antibiotics and a beta agonist in an agriculturally-intensive watershed. <i>Environmental Pollution</i> , 2015 , 205, 87-96	9.3	42
122	Agrichemicals in Nebraska, USA, watersheds: occurrence and endocrine effects. <i>Environmental Toxicology and Chemistry</i> , 2009 , 28, 2443-8	3.8	39
121	Herbicides in ground water beneath Nebraska's Management Systems Evaluation Area. <i>Journal of Environmental Quality</i> , 2003 , 32, 92-9	3.4	38
120	The long term effect of agricultural, vadose zone and climatic factors on nitrate contamination in the Nebraska's groundwater system. <i>Journal of Contaminant Hydrology</i> , 2019 , 220, 33-48	3.9	38
119	Polycyclic aromatic hydrocarbons in surface waters and riverine sediments of the Hooghly and Brahmaputra Rivers in the Eastern and Northeastern India. <i>Science of the Total Environment</i> , 2018 , 636, 751-760	10.2	37
118	Effects of soil texture and drought stress on the uptake of antibiotics and the internalization of <i>Salmonella</i> in lettuce following wastewater irrigation. <i>Environmental Pollution</i> , 2016 , 208, 523-31	9.3	37
117	Study of Pesticide Occurrence in Two Closely Spaced Lakes in Northeastern Nebraska. <i>Journal of Environmental Quality</i> , 1994 , 23, 571-578	3.4	37

116	Streamlevels of agrichemicals during a spring discharge event. <i>Chemosphere</i> , 1989 , 19, 1129-1140	8.4	37
115	Current knowledge on the environmental fate, potential impact, and management of growth-promoting steroids used in the US beef cattle industry. <i>Journal of Soils and Water Conservation</i> , 2013 , 68, 325-336	2.2	34
114	Dechlorinating chloroacetanilide herbicides by dithionite-treated aquifer sediment and surface soil. <i>Environmental Science & Technology</i> , 2006 , 40, 3043-9	10.3	34
113	Irrigation Water Quality: A Contemporary Perspective. <i>Water (Switzerland)</i> , 2019 , 11, 1482	3	33
112	Potential water quality impacts originating from land burial of cattle carcasses. <i>Science of the Total Environment</i> , 2013 , 456-457, 246-53	10.2	33
111	Urban stream microbial communities show resistance to pharmaceutical exposure. <i>Ecosphere</i> , 2018 , 9, e02041	3.1	32
110	Reductions in hepatic vitellogenin and estrogen receptor alpha expression by sediments from an agriculturally impacted waterway. <i>Aquatic Toxicology</i> , 2010 , 96, 103-8	5.1	32
109	Organic micropollutants in the surface riverine sediment along the lower stretch of the transboundary river Ganga: Occurrences, sources and ecological risk assessment. <i>Environmental Pollution</i> , 2019 , 249, 1071-1080	9.3	31
108	Estrogenic Compounds Downstream From Three Small Cities in Eastern Nebraska: Occurrence and Biological Effect ¹ . <i>Journal of the American Water Resources Association</i> , 2009 , 45, 14-21	2.1	30
107	Effect of rainfall timing and tillage on the transport of steroid hormones in runoff from manure amended row crop fields. <i>Journal of Hazardous Materials</i> , 2017 , 324, 436-447	12.8	29
106	Literature Review: Global Neonicotinoid Insecticide Occurrence in Aquatic Environments. <i>Water (Switzerland)</i> , 2020 , 12, 3388	3	28
105	Concomitant uptake of antimicrobials and Salmonella in soil and into lettuce following wastewater irrigation. <i>Environmental Pollution</i> , 2015 , 197, 269-277	9.3	27
104	Environmental fate and microbial effects of monensin, lincomycin, and sulfamethazine residues in soil. <i>Environmental Pollution</i> , 2019 , 246, 60-68	9.3	27
103	Influence of ligands on metal speciation, transport and toxicity in a tropical river during wet (monsoon) period. <i>Chemosphere</i> , 2016 , 163, 322-333	8.4	26
102	Remediating RDX-contaminated ground water with permanganate: laboratory investigations for the Pantex perched aquifer. <i>Journal of Environmental Quality</i> , 2004 , 33, 2165-73	3.4	26
101	Correlation between viral production and carbon mineralization under nitrate-reducing conditions in aquifer sediment. <i>ISME Journal</i> , 2014 , 8, 1691-703	11.9	25
100	Methods for simultaneous detection of the cyanotoxins BMAA, DABA, and anatoxin-a in environmental samples. <i>Toxicon</i> , 2013 , 76, 316-25	2.8	25
99	Surveillance of plasticizers, bisphenol A, steroids and caffeine in surface water of River Ganga and Sundarban wetland along the Bay of Bengal: occurrence, sources, estrogenicity screening and ecotoxicological risk assessment. <i>Water Research</i> , 2021 , 190, 116668	12.5	25

98	Occurrence and removal of pharmaceutical compounds and steroids at four wastewater treatment plants in Hawaii and their environmental fate. <i>Science of the Total Environment</i> , 2018 , 631-632, 1360-1370	10.2	24
97	Mechanism of DNA depurination by carcinogens in relation to cancer initiation. <i>IUBMB Life</i> , 2012 , 64, 169-79	4.7	24
96	Effect of composting on the fate of steroids in beef cattle manure. <i>Journal of Environmental Quality</i> , 2013 , 42, 1159-66	3.4	23
95	Herbicide loading to shallow ground water beneath Nebraska's Management Systems Evaluation Area. <i>Journal of Environmental Quality</i> , 2003 , 32, 84-91	3.4	23
94	Bioavailability and Fate of Sediment-Associated Progesterone in Aquatic Systems. <i>Environmental Science & Technology</i> , 2016 , 50, 4027-36	10.3	22
93	Detection, Occurrence and Fate of Emerging Contaminants in Agricultural Environments. <i>Water Environment Research</i> , 2017 , 89, 897-920	2.8	21
92	Simultaneous Determination of Argon and Nitrogen. <i>Ground Water</i> , 1995 , 33, 781-785	2.4	21
91	Fate and transport of antibiotics and antibiotic resistance genes in runoff and soil as affected by the timing of swine manure slurry application. <i>Science of the Total Environment</i> , 2020 , 712, 136505	10.2	21
90	Three-dimensional modeling of nitrate-N transport in vadose zone: Roles of soil heterogeneity and groundwater flux. <i>Journal of Contaminant Hydrology</i> , 2018 , 211, 15-25	3.9	20
89	Effect of meat ingredients (sodium nitrite and erythorbate) and processing (vacuum storage and packaging atmosphere) on germination and outgrowth of <i>Clostridium perfringens</i> spores in ham during abusive cooling. <i>Food Microbiology</i> , 2013 , 35, 108-15	6	20
88	Persistence of pharmaceuticals in effluent-dominated surface waters. <i>Journal of Environmental Quality</i> , 2015 , 44, 299-304	3.4	20
87	Detection, Occurrence, and Fate of Emerging Contaminants in Agricultural Environments. <i>Water Environment Research</i> , 2009 , 81, 941-958	2.8	20
86	Remediating dinoseb-contaminated soil with zerovalent iron. <i>Journal of Hazardous Materials</i> , 2009 , 168, 930-7	12.8	20
85	Impact of Sediment on Agrichemical Fate and Bioavailability to Adult Female Fathead Minnows: A Field Study. <i>Environmental Science & Technology</i> , 2015 , 49, 9037-47	10.3	19
84	The Hourglass: A Conceptual Framework for the Transport of Biologically Active Compounds from Agricultural Landscapes. <i>Journal of the American Water Resources Association</i> , 2014 , 50, 266-274	2.1	19
83	Detection, occurrence, and fate of emerging contaminants in agricultural environments (2019). <i>Water Environment Research</i> , 2019 , 91, 1103-1113	2.8	17
82	Bioavailability and fate of sediment-associated trenbolone and estradiol in aquatic systems. <i>Science of the Total Environment</i> , 2014 , 496, 576-584	10.2	17
81	Uranium isotopes in the Platte River drainage basin of the North American High plains Region. <i>Applied Geochemistry</i> , 1994 , 9, 271-278	3.5	17

80	Cyanobacteria and microcystin in the Nebraska (USA) Sand Hills Lakes before and after modern agriculture. <i>Journal of Paleolimnology</i> , 2011 , 46, 17-27	2.1	16
79	The endocrine activity of beef cattle wastes: do growth-promoting steroids make a difference?. <i>Aquatic Toxicology</i> , 2009 , 92, 221-7	5.1	16
78	Competitive ¹⁵ N kinetic isotope effects of nitrogenase-catalyzed dinitrogen reduction. <i>Journal of the American Chemical Society</i> , 2004 , 126, 12768-9	16.4	16
77	Short-term aquifer residence times estimated from ²²² Rn disequilibrium in artificially-recharged ground water. <i>Journal of Environmental Radioactivity</i> , 1997 , 37, 307-325	2.4	15
76	Removal of Selected Pharmaceuticals and Personal Care Products in Wastewater Treatment Plant in Jordan. <i>Water (Switzerland)</i> , 2019 , 11, 2004	3	14
75	Influence of Setback Distance on Antibiotics and Antibiotic Resistance Genes in Runoff and Soil Following the Land Application of Swine Manure Slurry. <i>Environmental Science & Technology</i> , 2020 , 54, 4800-4809	10.3	14
74	Transformation of hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) by permanganate. <i>Environmental Science & Technology</i> , 2011 , 45, 3643-9	10.3	14
73	Uptake of Antibiotics and Their Toxicity to Lettuce Following Routine Irrigation with Contaminated Water in Different Soil Types. <i>Environmental Engineering Science</i> , 2018 , 35, 887-896	2	13
72	Quantitative proteomic analysis of the Salmonella-lettuce interaction. <i>Microbial Biotechnology</i> , 2014 , 7, 630-7	6.3	13
71	Occurrence of Antibiotics in an Agricultural Watershed in South-Central Idaho. <i>Journal of Environmental Quality</i> , 2017 , 46, 1455-1461	3.4	13
70	Narrow grass hedges reduce tylosin and associated antimicrobial resistance genes in agricultural runoff. <i>Journal of Environmental Quality</i> , 2015 , 44, 895-902	3.4	13
69	Stereoselective Degradation of Estradiol and Trenbolone Isomers in Alluvial Sediment. <i>Environmental Science & Technology</i> , 2016 , 50, 13256-13264	10.3	12
68	Herbicides in Ground Water beneath Nebraska's Management Systems Evaluation Area 2003 , 32, 92		12
67	Development and comparison of four methods for the extraction of antibiotics from a vegetative matrix. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 889-97	3.8	12
66	Legacy and current pesticide residues in Syr Darya, Kazakhstan: Contamination status, seasonal variation and preliminary ecological risk assessment. <i>Water Research</i> , 2020 , 184, 116141	12.5	11
65	Response and recovery of fathead minnows (<i>Pimephales promelas</i>) following early life exposure to water and sediment found within agricultural runoff from the Elkhorn River, Nebraska, USA. <i>Science of the Total Environment</i> , 2018 , 618, 1371-1381	10.2	11
64	Perchlorate behavior in the context of black carbon and metal cogeneration following fireworks emission at Oak Lake, Lincoln, Nebraska, USA. <i>Environmental Pollution</i> , 2019 , 253, 930-938	9.3	11
63	Evaluating Ozone as a Remedial Treatment for Removing RDX from Unsaturated Soils. <i>Journal of Environmental Engineering, ASCE</i> , 2006 , 132, 1580-1588	2	11

62	Detection, Occurrence and Fate of Emerging Contaminants in Agricultural Environments. <i>Water Environment Research</i> , 2016 , 88, 913-29	2.8	11
61	Risk and Cost Assessment of Nitrate Contamination in Domestic Wells. <i>Water (Switzerland)</i> , 2020 , 12, 428	3	10
60	A Detailed Assessment of Groundwater Quality in the Kabul Basin, Afghanistan, and Suitability for Future Development. <i>Water (Switzerland)</i> , 2020 , 12, 2890	3	10
59	Field-scale cleanup of atrazine and cyanazine contaminated soil with a combined chemical-biological approach. <i>Journal of Environmental Quality</i> , 2009 , 38, 1803-11	3.4	9
58	Ferrihydrite Reduction Increases Arsenic and Uranium Bioavailability in Unsaturated Soil. <i>Environmental Science & Technology</i> , 2020 , 54, 13839-13848	10.3	9
57	Biotransformation of doxycycline by <i>Brevundimonas naejangsanensis</i> and <i>Sphingobacterium mizutaii</i> strains. <i>Journal of Hazardous Materials</i> , 2021 , 411, 125126	12.8	9
56	Measuring the occurrence of antibiotics in surface water adjacent to cattle grazing areas using passive samplers. <i>Science of the Total Environment</i> , 2020 , 726, 138296	10.2	8
55	Swine slurry characteristics as affected by selected additives and disinfectants. <i>Environmental Pollution</i> , 2020 , 260, 114058	9.3	8
54	Detection, Occurrence and Fate of Emerging Contaminants in Agricultural Environments. <i>Water Environment Research</i> , 2015 , 87, 868-1937	2.8	8
53	Transmission Routes of the Microbiome and Resistome from Manure to Soil and Lettuce. <i>Environmental Science & Technology</i> , 2021 ,	10.3	8
52	Enhanced biodegradation of atrazine at high infiltration rates in agricultural soils. <i>Environmental Sciences: Processes and Impacts</i> , 2019 , 21, 999-1010	4.3	7
51	Residues of thiamethoxam and mefenoxam in vegetative and floral tissue of soybean at the early reproductive stage resulting from seed treatments. <i>Crop Protection</i> , 2019 , 119, 134-140	2.7	7
50	Microbial communities in the rhizosphere and the root of lettuce as affected by Salmonella-contaminated irrigation water. <i>FEMS Microbiology Ecology</i> , 2018 , 94,	4.3	7
49	Detection, Occurrence and Fate of Emerging Contaminants in Agricultural Environments. <i>Water Environment Research</i> , 2008 , 80, 868-2092	2.8	7
48	Detection, Occurrence, and Fate of Emerging Contaminants in Agricultural Environments. <i>Water Environment Research</i> , 2007 , 79, 1061-1084	2.8	7
47	Herbicide Loading to Shallow Ground Water beneath Nebraska's Management Systems Evaluation Area 2003 , 32, 84		7
46	Baseflow nitrate dynamics within nested watersheds of an agricultural stream in Nebraska, USA. <i>Agriculture, Ecosystems and Environment</i> , 2021 , 308, 107223	5.7	7
45	Compensatory response of fathead minnow larvae following a pulsed in-situ exposure to a seasonal agricultural runoff event. <i>Science of the Total Environment</i> , 2017 , 603-604, 817-826	10.2	6

44	Detection, Occurrence and Fate of Emerging Contaminants in Agricultural Environments. <i>Water Environment Research</i> , 2018 , 90, 1348-1370	2.8	6
43	Runoff Water Quality Characteristics Following Swine Slurry Application under Broadcast and Injected Conditions. <i>Transactions of the ASABE</i> , 2017 , 60, 53-66	0.9	6
42	Detection, Occurrence and Fate of Emerging Contaminants in Agricultural Environments. <i>Water Environment Research</i> , 2012 , 84, 764-785	2.8	6
41	Removal of Carbamazepine onto Modified Zeolitic Tuff in Different Water Matrices: Batch and Continuous Flow Experiments. <i>Water (Switzerland)</i> , 2021 , 13, 1084	3	6
40	Setback Distance Requirements for Removal of Swine Slurry Constituents in Runoff. <i>Transactions of the ASABE</i> , 2017 , 60, 1885-1894	0.9	5
39	Atmospheric Contributions of Nitrate to Stormwater Runoff from Two Urban Watersheds. <i>Journal of Environmental Engineering, ASCE</i> , 2018 , 144, 05017009	2	5
38	Detection, Occurrence and Fate of Pharmaceuticals and Steroid Hormones in Agricultural Environments. <i>Water Environment Research</i> , 2010 , 82, 869-882	2.8	5
37	Distribution of selenium, mercury, and methylmercury in surficial Missouri River sediments. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010 , 84, 331-5	2.7	5
36	Anaerobic Biodegradation of RDX and TCE: Single- and Dual-Contaminant Batch Tests. <i>Practice Periodical of Hazardous, Toxic and Radioactive Waste Management</i> , 2006 , 10, 94-101		5
35	Detection, occurrence, and fate of emerging contaminants in agricultural environments (2020). <i>Water Environment Research</i> , 2020 , 92, 1741-1750	2.8	5
34	Assessing Decadal Trends of a Nitrate-Contaminated Shallow Aquifer in Western Nebraska Using Groundwater Isotopes, Age-Dating, and Monitoring. <i>Water (Switzerland)</i> , 2018 , 10, 1047	3	5
33	Pesticide contamination drives adaptive genetic variation in the endemic mayfly <i>Andesiops torrens</i> within a semi-arid agricultural watershed of Chile. <i>Environmental Pollution</i> , 2019 , 255, 113099	9.3	4
32	Nanoparticles as sources of inorganic water pollutants 2020 , 337-370		4
31	Spatial and temporal variability of ²³⁴ U/ ²³⁸ U activity ratios in the Shu River, Central Asia. <i>Environmental Earth Sciences</i> , 2014 , 72, 3635-3642	2.9	4
30	Influence of Soil Properties and Test Conditions on Sorption and Desorption of Testosterone. <i>Journal of Environmental Engineering, ASCE</i> , 2015 , 141, 04015006	2	4
29	Detection, Occurrence and Fate of Emerging Contaminants in Agricultural Environments. <i>Water Environment Research</i> , 2014 , 86, 865-881	2.8	4
28	Effect of distribution and concentration of topically applied neonicotinoid insecticides in buffalograss, <i>Buchloe dactyloides</i> , leaf tissues on the differential mortality of <i>Blissus occiduus</i> under field conditions. <i>Pest Management Science</i> , 2013 , 69, 285-91	4.6	4
27	Detection, Occurrence and Fate of Emerging Contaminants in Agricultural Environments. <i>Water Environment Research</i> , 2013 , 85, 869-888	2.8	4

26	Affinity extraction of emerging contaminants from water based on bovine serum albumin as a binding agent. <i>Journal of Separation Science</i> , 2018 , 41, 1074-1082	3.4	4
25	Occurrence of arsenite in surface and groundwater associated with a perennial stream located in Western Nebraska, USA. <i>Journal of Hazardous Materials</i> , 2021 , 416, 126170	12.8	4
24	Evaluation of Fecal Indicators and Pathogens in a Beef Cattle Feedlot Vegetative Treatment System. <i>Journal of Environmental Quality</i> , 2017 , 46, 169-176	3.4	3
23	Emerging Chemicals and Analytical Methods. <i>Water Environment Research</i> , 2006 , 78, 1017-1053	2.8	3
22	Climate change impacts the subsurface transport of atrazine and estrone originating from agricultural production activities. <i>Environmental Pollution</i> , 2020 , 265, 115024	9.3	3
21	Pesticide occurrence and persistence entering recreational lakes in watersheds of varying land uses. <i>Environmental Pollution</i> , 2020 , 273, 116399	9.3	3
20	Assessment of Gene Expression Biomarkers in the Chilean Pencil Catfish, <i>Trichomycterus areolatus</i> , from the Choapa River Basin, Coquimbo Chile. <i>Archives of Environmental Contamination and Toxicology</i> , 2020 , 78, 137-148	3.2	3
19	Estrogenic effects following larval exposure to the putative anti-estrogen, fulvestrant, in the fathead minnow (<i>Pimephales promelas</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018 , 204, 26-35	3.2	3
18	Method Development for Monitoring Bean Leaf Beetle, <i>Cerotoma trifurcata</i> (Forster) (Coleoptera: Chrysomelidae), Susceptibility to Thiamethoxam Seed Treatments on Soybeans1. <i>Journal of Agricultural and Urban Entomology</i> , 2017 , 33, 32-43	1.5	2
17	Antibiotic resistance genes in swine manure slurry as affected by pit additives and facility disinfectants. <i>Science of the Total Environment</i> , 2021 , 761, 143287	10.2	2
16	Hydrochemistry and stable isotopes (¹⁸ O and ² H) characteristics of groundwater in Lokoja and its environs, central Nigeria. <i>Environmental Earth Sciences</i> , 2019 , 78, 1	2.9	1
15	Emerging Chemicals and Analytical Methods. <i>Water Environment Research</i> , 2002 , 74, 1-45	2.8	1
14	Emerging Chemicals and Analytical Methods. <i>Water Environment Research</i> , 2004 , 76, 481-530	2.8	1
13	Ferrihydrite enrichment in the rhizosphere of unsaturated soil improves nutrient retention while limiting arsenic and uranium plant uptake. <i>Science of the Total Environment</i> , 2022 , 806, 150967	10.2	0
12	Stockpiling versus Composting: Effectiveness in Reducing Antibiotic-Resistant Bacteria and Resistance Genes in Beef Cattle Manure. <i>Applied and Environmental Microbiology</i> , 2021 , 87, e0075021	4.8	0
11	Growth phase-specific evaporative demand and nighttime temperatures determine Maize (<i>Zea Mays</i> L.) yield deviations as revealed from a long-term field experiment. <i>Agricultural and Forest Meteorology</i> , 2021 , 308-309, 108543	5.8	0
10	The Human Health Implications of Antibiotic Resistance in Environmental Isolates from Two Nebraska Watersheds.. <i>Microbiology Spectrum</i> , 2022 , e0208221	8.9	0
9	Microbial Transformation of A Sulfonamide Antibiotic Under Various Background Nutrient Conditions. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019 , 103, 808-813	2.7	

- 8 Retention of Swine Slurry Constituents in Soil and Crop Residue as Affected by Setback Distance. *Water, Air, and Soil Pollution*, **2020**, 231, 1 2.6
- 7 Monitoring Nonprescription Drugs in Surface Water in Nebraska (USA) **2011**, 189-201
- 6 High-Performance Immunosorbents for the Selective Trace Analysis of Emerging Contaminants in Water. *Proceedings of the Water Environment Federation*, **2010**, 2010, 5794-5806
- 5 Sorption and Desorption of Testosterone to Agricultural Soils: Inhibition Effects and Competitive Sorption. *Proceedings of the Water Environment Federation*, **2009**, 2009, 2624-2633
- 4 Emerging Chemicals and Analytical Methods. *Water Environment Research*, **2003**, 75, 1-50 2.8
- 3 Mobilization of Naturally Occurring Uranium in Groundwater Under Intensely Managed Farmland **2022**, 215-231
- 2 Distribution of dissolved and suspended forms of heavy metals in the water of the Syr Darya, South Kazakhstan. *Chemical Bulletin of Kazakh National University*, **2021**, 22-27 0
- 1 Sources of Organochlorine Pesticidal Residues in the Paddy Fields Along the Ganga-Brahmaputra River Basin: Implications for Long-Range Atmospheric Transport. *Soil Biology*, **2018**, 69-83 1