

Randy A Dahlgren

List of Publications by Year in descending order

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Version: 2024-02-01

305
papers

15,200
citations

13827

67
h-index

29081

104
g-index

307
all docs

307
docs citations

307
times ranked

14013
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular signatures of soil-derived dissolved organic matter constrained by mineral weathering. <i>Fundamental Research</i> , 2023, 3, 377-383.	1.6	9
2	Mechanisms for hydroxyl radical production and arsenic removal in sulfur-vacancy greigite (Fe ₃ S ₄). <i>Journal of Colloid and Interface Science</i> , 2022, 606, 688-695.	5.0	27
3	Patterns and predictors of condition indices in a critically endangered fish. <i>Hydrobiologia</i> , 2022, 849, 675-695.	1.0	6
4	Effects of aquatic nitrogen pollution on particle-attached ammonia-oxidizing bacteria in urban freshwater mesocosms. <i>World Journal of Microbiology and Biotechnology</i> , 2022, 38, 64.	1.7	2
5	Electrical generation and methane emission from an anoxic riverine sediment slurry treated by a two-chamber microbial fuel cell. <i>Environmental Science and Pollution Research</i> , 2022, 29, 47759-47771.	2.7	3
6	N, S-co-doped carbon/Co _{1-x} S nanocomposite with dual-enzyme activities for a smartphone-based colorimetric assay of total cholesterol in human serum. <i>Analytica Chimica Acta</i> , 2022, 1204, 339703.	2.6	14
7	Modular configurations of living biomaterials incorporating nano-based artificial mediators and synthetic biology to improve bioelectrocatalytic performance: A review. <i>Science of the Total Environment</i> , 2022, 824, 153857.	3.9	6
8	Microplastic ingestion from atmospheric deposition during dining/drinking activities. <i>Journal of Hazardous Materials</i> , 2022, 432, 128674.	6.5	34
9	Triclosan targets miR-144 abnormal expression to induce neurodevelopmental toxicity mediated by activating PKC/MAPK signaling pathway. <i>Journal of Hazardous Materials</i> , 2022, 431, 128560.	6.5	10
10	Tracing nitrate sources and transformations using $\delta^{17}\text{O}$, $\delta^{15}\text{N}$, and $\delta^{18}\text{O}$ -NO ₃ ⁻ in a coastal plain river network of eastern China. <i>Journal of Hydrology</i> , 2022, 610, 127829.	2.3	11
11	Expanding the Paradigm: The influence of climate and lithology on soil phosphorus. <i>Geoderma</i> , 2022, 421, 115809.	2.3	9
12	Hypolimnetic deoxygenation enhanced production and export of recalcitrant dissolved organic matter in a large stratified reservoir. <i>Water Research</i> , 2022, 219, 118537.	5.3	17
13	Integrated effects of polymer type, size and shape on the sinking dynamics of biofouled microplastics. <i>Water Research</i> , 2022, 220, 118656.	5.3	20
14	Enhanced adsorption/extraction of bisphenols by pyrrolic N-based 3D magnetic carbon nanocomposites for effervescence-assisted solid-phase microextraction of bisphenols from juices and the underlying interaction mechanisms. <i>Chemical Engineering Journal</i> , 2022, 448, 137690.	6.6	16
15	Nitrate pollution source apportionment, uncertainty and sensitivity analysis across a rural-urban river network based on $\delta^{15}\text{N}$ / $\delta^{18}\text{O}$ -NO ₃ ⁻ isotopes and SIAR modeling. <i>Journal of Hazardous Materials</i> , 2022, 438, 129480.	6.5	36
16	Role of MnO ₂ in controlling iron and arsenic mobilization from illuminated flooded arsenic-enriched soils. <i>Journal of Hazardous Materials</i> , 2021, 401, 123362.	6.5	24
17	Compost Application to Degraded Vineyard Soils: Effect on Soil Chemistry, Fertility, and Vine Performance. <i>American Journal of Enology and Viticulture</i> , 2021, 72, 85-93.	0.9	7
18	Transport and fate of microplastics from riverine sediment dredge piles: Implications for disposal. <i>Journal of Hazardous Materials</i> , 2021, 404, 124132.	6.5	41

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19	Influence of a biofilm bioreactor on water quality and microbial communities in a hypereutrophic urban river. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 1452-1460.	1.2	3
20	Understanding spatial variability of forage production in California grasslands: delineating climate, topography and soil controls. <i>Environmental Research Letters</i> , 2021, 16, 014043.	2.2	10
21	Soil Biogeochemical Cycle Couplings Inferred from a Function-Taxon Network. <i>Research</i> , 2021, 2021, 7102769.	2.8	30
22	Not All Rivers Are Created Equal: The Importance of Spring-Fed Rivers under a Changing Climate. <i>Water (Switzerland)</i> , 2021, 13, 1652.	1.2	12
23	A support vector regression model to predict nitrate-nitrogen isotopic composition using hydro-chemical variables. <i>Journal of Environmental Management</i> , 2021, 290, 112674.	3.8	25
24	Integrated source-risk and uncertainty assessment for metals contamination in sediments of an urban river system in eastern China. <i>Catena</i> , 2021, 203, 105277.	2.2	16
25	Dissolved Organic Matter Dynamics in the Epipelagic Northwest Pacific Low-Latitude Western Boundary Current System: Insights From Optical Analyses. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017458.	1.0	17
26	Hydro-biogeochemical alterations to optical properties of particulate organic matter in the Changjiang Estuary and adjacent shelf area. <i>Ecological Indicators</i> , 2021, 128, 107837.	2.6	5
27	Assessment of multiple ecosystem metabolism methods in an estuary. <i>Limnology and Oceanography: Methods</i> , 2021, 19, 741-757.	1.0	3
28	Airborne microplastics in indoor and outdoor environments of a coastal city in Eastern China. <i>Journal of Hazardous Materials</i> , 2021, 417, 126007.	6.5	167
29	Airborne Microplastic Concentrations in Five Megacities of Northern and Southeast China. <i>Environmental Science & Technology</i> , 2021, 55, 12871-12881.	4.6	20
30	Temperature-Regulated Turnover of Chromophoric Dissolved Organic Matter in Global Dark Marginal Basins. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094035.	1.5	13
31	Contrasting effects of carbon source recalcitrance on soil phosphorus availability and communities of phosphorus solubilizing microorganisms. <i>Journal of Environmental Management</i> , 2021, 298, 113426.	3.8	13
32	Bacterial community structure and putative nitrogen-cycling functional traits along a charosphere gradient under waterlogged conditions. <i>Soil Biology and Biochemistry</i> , 2021, 162, 108420.	4.2	21
33	Habitat heterogeneity induced by pyrogenic organic matter in wildfire-perturbed soils mediates bacterial community assembly processes. <i>ISME Journal</i> , 2021, 15, 1943-1955.	4.4	23
34	Dynamics of Soil Microbial N-Cycling Strategies in Response to Cadmium Stress. <i>Environmental Science & Technology</i> , 2021, 55, 14305-14315.	4.6	39
35	Concurrent and rapid recovery of bacteria and protist communities in Canadian boreal forest ecosystems following wildfire. <i>Soil Biology and Biochemistry</i> , 2021, 163, 108452.	4.2	17
36	Labile carbon facilitated phosphorus solubilization as regulated by bacterial and fungal communities in <i>Zea mays</i> . <i>Soil Biology and Biochemistry</i> , 2021, 163, 108465.	4.2	35

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37	Excess N ₂ and denitrification in hyporheic porewaters and groundwaters of the San Joaquin River, California. <i>Water Research</i> , 2020, 168, 115161.	5.3	11
38	Mechanism of Cr(VI) removal by magnetic greigite/biochar composites. <i>Science of the Total Environment</i> , 2020, 700, 134414.	3.9	106
39	A comprehensive analysis and source apportionment of metals in riverine sediments of a rural-urban watershed. <i>Journal of Hazardous Materials</i> , 2020, 381, 121230.	6.5	57
40	Oversummer growth and survival of juvenile coho salmon (<i>Oncorhynchus kisutch</i>) across a natural gradient of stream water temperature and prey availability: an in situ enclosure experiment. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 413-424.	0.7	35
41	Multivariate adaptive regression splines for estimating riverine constituent concentrations. <i>Hydrological Processes</i> , 2020, 34, 1213-1227.	1.1	8
42	Microplastic (1 and 5 μ m) exposure disturbs lifespan and intestine function in the nematode <i>Caenorhabditis elegans</i> . <i>Science of the Total Environment</i> , 2020, 705, 135837.	3.9	66
43	Assessment of streamflow components and hydrologic transit times using stable isotopes of oxygen and hydrogen in waters of a subtropical watershed in eastern China. <i>Journal of Hydrology</i> , 2020, 589, 125363.	2.3	19
44	El Niño-Driven Dry Season Flushing Enhances Dissolved Organic Matter Export From a Subtropical Watershed. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089877.	1.5	15
45	Sulfur vacancy promoted peroxidase-like activity of magnetic greigite (Fe ₃ S ₄) for colorimetric detection of serum glucose. <i>Analytica Chimica Acta</i> , 2020, 1127, 246-255.	2.6	49
46	Identification of receptors for eight endocrine disrupting chemicals and their underlying mechanisms using zebrafish as a model organism. <i>Ecotoxicology and Environmental Safety</i> , 2020, 204, 111068.	2.9	12
47	Mineralogical and surface charge characteristics of Andosols experiencing long-term, land-use change in West Java, Indonesia. <i>Soil Science and Plant Nutrition</i> , 2020, 66, 702-713.	0.8	4
48	Recent advances in the roles of minerals for enhanced microbial extracellular electron transfer. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 134, 110404.	8.2	35
49	Riverine nitrate source apportionment using dual stable isotopes in a drinking water source watershed of southeast China. <i>Science of the Total Environment</i> , 2020, 724, 137975.	3.9	35
50	Two years of post-wildfire impacts on dissolved organic matter, nitrogen, and precursors of disinfection by-products in California stream waters. <i>Water Research</i> , 2020, 181, 115891.	5.3	37
51	Cadmium sulfide nanoparticles-assisted intimate coupling of microbial and photoelectrochemical processes: Mechanisms and environmental applications. <i>Science of the Total Environment</i> , 2020, 740, 140080.	3.9	33
52	Risk assessment of cardiotoxicity to zebrafish (<i>Danio rerio</i>) by environmental exposure to triclosan and its derivatives. <i>Environmental Pollution</i> , 2020, 265, 114995.	3.7	25
53	Terrain attributes and forage productivity predict catchment-scale soil organic carbon stocks. <i>Geoderma</i> , 2020, 368, 114286.	2.3	15
54	Long-term (1980–2015) changes in net anthropogenic phosphorus inputs and riverine phosphorus export in the Yangtze River basin. <i>Water Research</i> , 2020, 177, 115779.	5.3	85

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55	Decreased buffering capacity and increased recovery time for legacy phosphorus in a typical watershed in eastern China between 1960 and 2010. <i>Biogeochemistry</i> , 2019, 144, 273-290.	1.7	14
56	Micro- and macroplastic accumulation in a newly formed <i>Spartina alterniflora</i> colonized estuarine saltmarsh in southeast China. <i>Marine Pollution Bulletin</i> , 2019, 149, 110636.	2.3	58
57	Impacts of enhanced microbial-photo-reductive and suppressed dark microbial reductive dissolution on the mobility of As and Fe in flooded tailing soils with zinc sulfide. <i>Chemical Engineering Journal</i> , 2019, 372, 118-128.	6.6	13
58	Particle-associated microorganism oxidation of ammonia in a hypereutrophic urban river. <i>Journal of Basic Microbiology</i> , 2019, 59, 511-524.	1.8	9
59	Bioelectricity generation by wetland plant-sediment microbial fuel cells (P-SMFC) and effects on the transformation and mobility of arsenic and heavy metals in sediment. <i>Environmental Geochemistry and Health</i> , 2019, 41, 2157-2168.	1.8	17
60	Anaerobic Methane Oxidation in High-Arctic Alaskan Peatlands as a Significant Control on Net CH ₄ Fluxes. <i>Soil Systems</i> , 2019, 3, 7.	1.0	20
61	Estimating Rangeland Forage Production Using Remote Sensing Data from a Small Unmanned Aerial System (sUAS) and PlanetScope Satellite. <i>Remote Sensing</i> , 2019, 11, 595.	1.8	25
62	Microclimate-forage growth linkages across two strongly contrasting precipitation years in a Mediterranean catchment. <i>Ecohydrology</i> , 2019, 12, e2156.	1.1	6
63	Assessment of the Geographical Detector Method for investigating heavy metal source apportionment in an urban watershed of Eastern China. <i>Science of the Total Environment</i> , 2019, 653, 714-722.	3.9	77
64	Hydrogen-bonding-induced efficient dispersive solid phase extraction of bisphenols and their derivatives in environmental waters using surface amino-functionalized MIL-101(Fe). <i>Microchemical Journal</i> , 2019, 145, 1151-1161.	2.3	28
65	A comprehensive risk assessment of metals in riverine surface sediments across the rural-urban interface of a rapidly developing watershed. <i>Environmental Pollution</i> , 2019, 245, 1022-1030.	3.7	32
66	Coupling stable isotopes and water chemistry to assess the role of hydrological and biogeochemical processes on riverine nitrogen sources. <i>Water Research</i> , 2019, 150, 418-430.	5.3	84
67	Dietary <i>Lactobacillus plantarum</i> ST-III alleviates the toxic effects of triclosan on zebrafish (<i>Danio rerio</i>). <i>Journal of Applied Microbiology</i> , 2019, 127, 100000.	1.6	72
68	Insight into pH dependent Cr(VI) removal with magnetic Fe ₃ S ₄ . <i>Chemical Engineering Journal</i> , 2019, 359, 564-571.	6.6	133
69	Neurotoxicological effects induced by up-regulation of miR-137 following triclosan exposure to zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2019, 206, 176-185.	1.9	15
70	Magnetic effervescent tablet-assisted ionic liquid-based dispersive liquid-liquid microextraction of polybrominated diphenyl ethers in liquid matrix samples. <i>Talanta</i> , 2019, 195, 785-795.	2.9	49
71	Regulatory mechanisms of miR-96 and miR-184 abnormal expressions on otic vesicle development of zebrafish following exposure to 1 ² -diketone antibiotics. <i>Chemosphere</i> , 2019, 214, 228-238.	4.2	10
72	Convergent evidence for widespread rock nitrogen sources in Earth's surface environment. <i>Science</i> , 2018, 360, 58-62.	6.0	166

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73	Mechanisms for high potassium selectivity of soils dominated by halloysite from northern California, USA. <i>Soil Science and Plant Nutrition</i> , 2018, 64, 90-99.	0.8	8
74	Influence of land use on the persistence effect of riverine phosphorus. <i>Hydrological Processes</i> , 2018, 32, 118-125.	1.1	9
75	Properties of bacterial communities attached to artificial substrates in a hypereutrophic urban river. <i>AMB Express</i> , 2018, 8, 22.	1.4	9
76	A modification of the Regional Nutrient Management model (ReNuMa) to identify long-term changes in riverine nitrogen sources. <i>Journal of Hydrology</i> , 2018, 561, 31-42.	2.3	21
77	Risk analysis of heavy metal concentration in surface waters across the rural-urban interface of the Wen-Rui Tang River, China. <i>Environmental Pollution</i> , 2018, 237, 639-649.	3.7	194
78	An effervescence-assisted switchable fatty acid-based microextraction with solidification of floating organic droplet for determination of fluoroquinolones and tetracyclines in seawater, sediment, and seafood. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2671-2687.	1.9	47
79	Response mechanisms to joint exposure of triclosan and its chlorinated derivatives on zebrafish (<i>Danio rerio</i>) behavior. <i>Chemosphere</i> , 2018, 193, 820-832.	4.2	33
80	Integrated disperser freezing purification with extraction using fatty acid-based solidification of floating organic-droplet (IDFP-EFA-SFO) for triclosan and methyltriclosan determination in seawater, sediment and seafood. <i>Marine Pollution Bulletin</i> , 2018, 137, 677-687.	2.3	5
81	Origin, Reactivity, and Bioavailability of Mercury in Wildfire Ash. <i>Environmental Science & Technology</i> , 2018, 52, 14149-14157.	4.6	25
82	Assessment of Long-Term Watershed Management on Reservoir Phosphorus Concentrations and Export Fluxes. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2169.	1.2	5
83	Wildfire Burn Intensity Affects the Quantity and Speciation of Polycyclic Aromatic Hydrocarbons in Soils. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 1262-1270.	1.2	39
84	Distribution and source analysis of heavy metal pollutants in sediments of a rapid developing urban river system. <i>Chemosphere</i> , 2018, 207, 218-228.	4.2	136
85	Stimulation of N ₂ O emission by conservation tillage management in agricultural lands: A meta-analysis. <i>Soil and Tillage Research</i> , 2018, 182, 86-93.	2.6	83
86	Magnetic effervescent tablets containing ionic liquids as a non-conventional extraction and dispersive agent for determination of pyrethroids in milk. <i>Food Chemistry</i> , 2018, 268, 468-475.	4.2	31
87	Inhibitory effects of natural organic matter on methyltriclosan photolysis kinetics. <i>RSC Advances</i> , 2018, 8, 21265-21271.	1.7	7
88	Preferential accumulation of small ($300\text{ }\mu\text{m}$) microplastics in the sediments of a coastal plain river network in eastern China. <i>Water Research</i> , 2018, 144, 393-401.	5.3	160
89	Lipid metabolism disorder induced by up-regulation of miR-125b and miR-144 following β -diketone antibiotic exposure to F0-zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 243-252.	2.9	23
90	Legacy Nutrient Dynamics at the Watershed Scale: Principles, Modeling, and Implications. <i>Advances in Agronomy</i> , 2018, 149, 237-313.	2.4	81

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91	Long-term (1980â€“2010) changes in cropland phosphorus budgets, use efficiency and legacy pools across townships in the Yongan watershed, eastern China. <i>Agriculture, Ecosystems and Environment</i> , 2017, 236, 166-176.	2.5	18
92	Screening and functional identification of lncRNAs under Î²-diketone antibiotic exposure to zebrafish (<i>Danio rerio</i>) using high-throughput RNA-seq. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16062-16076.	1.9	14
93	Salting-out-enhanced ionic liquid microextraction with a dual-role solvent for simultaneous determination of trace pollutants with a wide polarity range in aqueous samples. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6287-6303.	1.9	14
94	Prediction of dissolved oxygen concentration in hypoxic river systems using support vector machine: a case study of Wen-Rui Tang River, China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16062-16076.	2.7	80
95	Adsorption and reduction of roxarsone on magnetic greigite (Fe ₃ S ₄): Indispensable role of structural sulfide. <i>Chemical Engineering Journal</i> , 2017, 330, 1232-1239.	6.6	57
96	Up-stream mechanisms for up-regulation of miR-125b from triclosan exposure to zebrafish (<i>Danio rerio</i>) using high-throughput RNA-seq. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15827-15837.	1.9	17
97	Water quality trend and change-point analyses using integration of locally weighted polynomial regression and segmented regression. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15827-15837.	2.7	22
98	Soil genesis and mineralogy across a volcanic lithosequence. <i>Geoderma</i> , 2017, 285, 301-312.	2.3	37
99	Performance of Two Bioswales on Urban Runoff Management. <i>Infrastructures</i> , 2017, 2, 12.	1.4	12
100	The Genesis and Exodus of Vascular Plant DOM from an Oak Woodland Landscape. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	24
101	Antibiotic resistance genes in an urban river as impacted by bacterial community and physicochemical parameters. <i>Environmental Science and Pollution Research</i> , 2017, 24, 23753-23762.	2.7	138
102	Seasonal Phosphorus Dynamics in a Volcanic Soil of Northern California. <i>Soil Science Society of America Journal</i> , 2016, 80, 1222-1230.	1.2	7
103	Chronic toxicological effects of Î²-diketone antibiotics on zebrafish (<i>Danio rerio</i>) using transcriptome profiling of deep sequencing. <i>Environmental Toxicology</i> , 2016, 31, 1357-1371.	2.1	15
104	Nitrous oxide fluxes and dissolved N gases (N ₂ and N ₂ O) within riparian zones along the agriculturally impacted San Joaquin River. <i>Nutrient Cycling in Agroecosystems</i> , 2016, 105, 85-102.	1.1	20
105	Temporal variations of disinfection byproduct precursors in wildfire detritus. <i>Water Research</i> , 2016, 99, 66-73.	5.3	27
106	Modeling forest/agricultural and residential nitrogen budgets and riverine export dynamics in catchments with contrasting anthropogenic impacts in eastern China between 1980â€“2010. <i>Agriculture, Ecosystems and Environment</i> , 2016, 221, 145-155.	2.5	15
107	Environment shapes invertebrate assemblage structure differences between volcanic spring-fed and runoff rivers in northern California. <i>Freshwater Science</i> , 2016, 35, 1010-1022.	0.9	32
108	Effects of Î²-diketone antibiotics on F1-zebrafish (<i>Danio rerio</i>) based on high throughput miRNA sequencing under exposure to parents. <i>Chemosphere</i> , 2016, 164, 41-51.	4.2	11

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109	Impacts of land use and population density on seasonal surface water quality using a modified geographically weighted regression. <i>Science of the Total Environment</i> , 2016, 572, 450-466.	3.9	146
110	Impact of seasonality and anthropogenic impoundments on dissolved organic matter dynamics in the Klamath River (Oregon/California, USA). <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 1946-1958.	1.3	20
111	Geochemical and tectonic uplift controls on rock nitrogen inputs across terrestrial ecosystems. <i>Global Biogeochemical Cycles</i> , 2016, 30, 333-349.	1.9	22
112	Spatial and temporal variability in nitrous oxide and methane emissions in urban riparian zones of the Pearl River Delta. <i>Environmental Science and Pollution Research</i> , 2016, 23, 1552-1564.	2.7	16
113	Aqueous photochemical degradation of BDE-153 in solutions with natural dissolved organic matter. <i>Chemosphere</i> , 2016, 155, 367-374.	4.2	8
114	Modeling nitrous oxide emission from rivers: a global assessment. <i>Global Change Biology</i> , 2016, 22, 3566-3582.	4.2	129
115	Toxicity assessment of combined fluoroquinolone and tetracycline exposure in zebrafish (<i>Danio rerio</i>). <i>Environmental Toxicology</i> , 2016, 31, 736-750.	2.1	70
116	Changes in river water temperature between 1980 and 2012 in Yongan watershed, eastern China: Magnitude, drivers and models. <i>Journal of Hydrology</i> , 2016, 533, 191-199.	2.3	36
117	Factors controlling phosphorus export from agricultural/forest and residential systems to rivers in eastern China, 1980–2011. <i>Journal of Hydrology</i> , 2016, 533, 53-61.	2.3	33
118	Comparison of seven water quality assessment methods for the characterization and management of highly impaired river systems. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 15.	1.3	56
119	Identification of microRNA-size sRNAs Related to Salt Tolerance in <i>Spirulina platensis</i> . <i>Plant Molecular Biology Reporter</i> , 2016, 34, 539-555.	1.0	3
120	Nature, properties and function of aluminum–humus complexes in volcanic soils. <i>Geoderma</i> , 2016, 263, 110-121.	2.3	136
121	Direct quantification of long-term rock nitrogen inputs to temperate forest ecosystems. <i>Ecology</i> , 2016, 97, 54-64.	1.5	28
122	Immunotoxicity of 1,2-Diketone Antibiotic Mixtures to Zebrafish (<i>Danio rerio</i>) by Transcriptome Analysis. <i>PLoS ONE</i> , 2016, 11, e0152530.	1.1	11
123	Controlled Burning of Forest Detritus Altering Spectroscopic Characteristics and Chlorine Reactivity of Dissolved Organic Matter: Effects of Temperature and Oxygen Availability. <i>Environmental Science & Technology</i> , 2015, 49, 14019-14027.	4.6	58
124	Integration of phase separation with ultrasound-assisted salt-induced liquid–liquid microextraction for analyzing the fluoroquinones in human body fluids by liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 985, 62-70.	1.2	20
125	Influence of legacy phosphorus, land use, and climate change on anthropogenic phosphorus inputs and riverine export dynamics. <i>Biogeochemistry</i> , 2015, 123, 99-116.	1.7	51
126	Wildfire Altering Terrestrial Precursors of Disinfection Byproducts in Forest Detritus. <i>Environmental Science & Technology</i> , 2015, 49, 5921-5929.	4.6	90

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127	Reconstructing historical changes in phosphorus inputs to rivers from point and nonpoint sources in a rapidly developing watershed in eastern China, 1980–2010. <i>Science of the Total Environment</i> , 2015, 533, 196-204.	3.9	25
128	A phase separation method for analyses of fluoroquinolones in meats based on ultrasound-assisted salt-induced liquid–liquid microextraction and a new integrated device. <i>Meat Science</i> , 2015, 106, 61-68.	2.7	10
129	A lagged variable model for characterizing temporally dynamic export of legacy anthropogenic nitrogen from watersheds to rivers. <i>Environmental Science and Pollution Research</i> , 2015, 22, 11314-11326.	2.7	12
130	Fate of nitrate in seepage from a restored wetland receiving agricultural tailwater. <i>Ecological Engineering</i> , 2015, 81, 207-217.	1.6	15
131	Optimization of a phase separation based magnetic-stirring salt-induced liquid–liquid microextraction method for determination of fluoroquinolones in food. <i>Food Chemistry</i> , 2015, 175, 181-188.	4.2	43
132	A dynamic watershed model for determining the effects of transient storage on nitrogen export to rivers. <i>Water Resources Research</i> , 2014, 50, 7714-7730.	1.7	24
133	Toxicity evaluation of $\hat{1}^2$ -diketone antibiotics on the development of embryo–larval zebrafish (<i>Danio</i>) Tj ETQq ₁ 0.784314 rgBT C _{2.1}	2.1	68
134	Influence of Lag Effect, Soil Release, And Climate Change on Watershed Anthropogenic Nitrogen Inputs and Riverine Export Dynamics. <i>Environmental Science & Technology</i> , 2014, 48, 5683-5690.	4.6	53
135	Effect of linear alkylbenzene sulfonate on $\langle \text{Cu} \rangle^{2+}$ removal by <i>Spirulina platensis</i> strain (FACHB-834). <i>Journal of Phycology</i> , 2014, 50, 829-836.	1.0	1
136	The upside-down river: Reservoirs, algal blooms, and tributaries affect temporal and spatial patterns in nitrogen and phosphorus in the Klamath River, USA. <i>Journal of Hydrology</i> , 2014, 519, 164-176.	2.3	40
137	The joint effects of room temperature ionic liquids and ordered media on fluorescence characteristics of estrogens in water and methanol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 497-507.	2.0	4
138	Evaluation of spatial-temporal variations and trends in surface water quality across a rural-suburban-urban interface. <i>Environmental Science and Pollution Research</i> , 2014, 21, 8036-8051.	2.7	77
139	Autochthonous and Allochthonous Carbon Cycling in a Eutrophic Flow-Through Wetland. <i>Wetlands</i> , 2014, 34, 285-296.	0.7	12
140	Modeling and forecasting riverine dissolved inorganic nitrogen export using anthropogenic nitrogen inputs, hydroclimate, and land-use change. <i>Journal of Hydrology</i> , 2014, 517, 95-104.	2.3	43
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300	AN EXAMPLE OF ANDOSOLIZATION AND PODZOLIZATION AS REVEALED BY SOIL SOLUTION STUDIES, SOUTHERN HAKKODA, NORTHEASTERN JAPAN. <i>Soil Science</i> , 1988, 145, 111-125.	0.9	71
301	Aluminum, Fe, Ca, Mg, K, Mn, Cu, Zn and P in above- and belowground biomass. I. <i>Abies amabilis</i> and <i>Tsuga mertensiana</i> . <i>Biogeochemistry</i> , 1987, 4, 277-294.	1.7	33
302	Aluminum, Fe, Ca, Mg, K, Mn, Cu, Zn and P in above- and belowground biomass. II. Pools and circulation in a subalpine <i>Abies amabilis</i> stand. <i>Biogeochemistry</i> , 1987, 4, 295-311.	1.7	42
303	Soil phases: the liquid phase. , 0, , 57-74.		0
304	Innovative approach for the development of a water quality identification index—a case study from the Wen-Rui Tang River watershed, China. <i>Desalination and Water Treatment</i> , 0, , 1-11.	1.0	2
305	Properties of ammonia-oxidising bacteria and archaea in a hypereutrophic urban river network. <i>Freshwater Biology</i> , 0, , .	1.2	2