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Emerging contaminants in wastewater, stormwater runoff, and surface water: Application as chemical markers for diffuse sources

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117	Cultivation of a versatile manganese-oxidizing aerobic granular sludge for removal of organic micropollutants from wastewater. <i>Science of the Total Environment</i> , 2019 , 690, 417-425	10.2	15
116	Occurrence and risk assessment of multiple classes of antibiotics in urban canals and lakes in Hanoi, Vietnam. <i>Science of the Total Environment</i> , 2019 , 692, 157-174	10.2	81
115	Attenuation of pharmaceutically active compounds in aqueous solution by UV/CaO process: Influencing factors, degradation mechanism and pathways. 2019 , 164, 114922		30
114	Biotransformation of polyfluoroalkyl substances by microbial consortia from constructed wetlands under aerobic and anoxic conditions. 2019 , 233, 101-109		15
113	Electrochemical degradation of chemical wastewater by anodic oxidation process. 2019 , 371, 032018		2
112	Fate of steroid hormone micropollutant estradiol in a hybrid magnetic ion exchange resin-nanofiltration process. 2019 , 16, 630		2
111	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
110	Effective column adsorption of triclosan from pure water and wastewater treatment plant effluent by using magnetic porous reduced graphene oxide. 2020 , 386, 121942		17
109	Influence of hydrologic and anthropogenic drivers on emerging organic contaminants in drinking water sources in the Susquehanna River Basin. 2020 , 245, 125583		7
108	Ecological risk of pesticide contamination in a Brazilian river located near a rural area: A study of biomarkers using zebrafish embryos. 2020 , 190, 110071		23
107	Occurrence, source estimation and risk assessment of pharmaceuticals in the Chaobai River characterized by adjacent land use. <i>Science of the Total Environment</i> , 2020 , 712, 134525	10.2	22
106	A novel red mud adsorbent for phosphorus and diclofenac removal from wastewater. 2020 , 303, 112286		22
105	Sample Preparation to Determine Pharmaceutical and Personal Care Products in an All-Water Matrix: Solid Phase Extraction. 2020 , 25,		17
104	Detection, occurrence, and fate of emerging contaminants in agricultural environments (2020). 2020 , 92, 1741-1750		5
103	Ecological Risk Dynamics of Pharmaceuticals in Micro-Estuary Environments. 2020 , 54, 11182-11190		6
102	Bioremediation of emerging micropollutants in irrigation water. The alternative of microalgae-based treatments. 2020 , 274, 111081		11

101	Sorption Characteristics and Removal Efficiency of Organic Micropollutants in Drinking Water Using Granular Activated Carbon (GAC) in Pilot-Scale and Full-Scale Tests. 2020 , 12, 2053		8
100	Contaminants of emerging concern in aquatic environment: Occurrence, monitoring, fate, and risk assessment. 2020 , 92, 1811-1817		14
99	Exploring the Efficiency of UHPLC-Orbitrap MS for the Determination of 20 Pharmaceuticals and Acesulfame K in Hospital and Urban Wastewaters with the Aid of FPSE. 2020 , 7, 46		3
98	Performance Comparison of Different Constructed Wetlands Designs for the Removal of Personal Care Products. 2020 , 17,		14
97	A sensitive and accurate method for simultaneous analysis of algal toxins in freshwater using UPLC-MS/MS and N-microcystins as isotopically labelled internal standards. <i>Science of the Total Environment</i> , 2020 , 738, 139727	10.2	7
96	Determination, occurrence, and treatment of saccharin in water: A review. 2020 , 270, 122337		8
95	Biochar based catalysts for the abatement of emerging pollutants: A review. 2020 , 394, 124856		64
94	Microbial Communities Associated with Acetaminophen Biodegradation from Mangrove Sediment. 2020 , 12, 5410		1
93	Triclosan at environmental concentrations can enhance the spread of extracellular antibiotic resistance genes through transformation. <i>Science of the Total Environment</i> , 2020 , 713, 136621	10.2	30
92	Biodegradation and adsorption of micropollutants by biological activated carbon from a drinking water production plant. 2020 , 388, 122028		46
91	Sulfamethoxazole/Trimethoprim ratio as a new marker in raw wastewaters: A critical review. <i>Science of the Total Environment</i> , 2020 , 715, 136916	10.2	35
90	Effect of low-level H ₂ O ₂ and Fe(II) on the UV treatment of tetracycline antibiotics and the toxicity of reaction solutions to zebrafish embryos. 2020 , 394, 125021		19
89	The role of solvents and oxygen-containing functional groups on the adsorption of Bisphenol A on carbon nanotubes. 2021 , 42, 4260-4268		1
88	Chromium removal from tannery wastewater through activated carbon produced from Parthenium hysterophorus weed. 2020 , 5, 184-195		13
87	Integrated Electrochemical Biosensors for Detection of Waterborne Pathogens in Low-Resource Settings. 2020 , 10,		20
86	Wastewater reclamation and reuse potentials in agriculture: towards environmental sustainability. 2021 , 23, 2949-2972		17
85	Pharmaceuticals, Personal Care Products, and Artificial Sweeteners in Asian Groundwater: A Review. 2021 , 3-36		1
84	Engineered/designer hierarchical porous carbon materials for organic pollutant removal from water and wastewater: A critical review. 2021 , 51, 2295-2328		6

83	Storm Event-Driven Occurrence and Transport of Dissolved and Sorbed Organic Micropollutants and Associated Effects in the Ammer River, Southwestern Germany. 2021 , 40, 88-99	6
82	Removal and environmental risk assessment of contaminants of emerging concern from irrigation waters in a semi-closed microalgae photobioreactor. 2021 , 194, 110278	10
81	Impact of long-duration CSO events under different tidal change conditions on distribution of microbial indicators and PPCPs in Sumida river estuary of Tokyo Bay, Japan. 2021 , 28, 7212-7225	4
80	Biofiltration for treatment of recent emerging contaminants in water: Current and future perspectives. 2021 , 93, 972-992	5
79	Synthesis and evaluation of hybrid molecularly imprinted polymers for selective extraction of saccharin in aqueous medium. 2021 , 28, 1	
78	Sources and Impacts of Emerging Contaminants in Agroecosystems. 2021 , 3-34	0
77	Dew as Source of Emerging Contaminants in Agricultural System. 2021 , 61-78	
76	Fate Evaluation of CSO-derived PPCPs and Escherichia coli in Tokyo Coastal Area after Rainfall Events by a Three-dimensional Water Quality Model. 2021 , 19, 251-265	
75	Treatment technologies for stormwater reuse. 2021 , 521-549	1
74	Synthesis and Characterization of Novel Hybridized CeO@SiO Nanoparticles Based on Rice Husk and Their Application in Antibiotic Removal. 2021 , 37, 2963-2973	19
73	Selective removal of contaminants of emerging concern (CECs) from urban water cycle via Molecularly Imprinted Polymers (MIPs): Potential of upscaling and enabling reclaimed water reuse. 2021 , 9, 105051	10
72	Review on the Visible Light Photocatalysis for the Decomposition of Ciprofloxacin, Norfloxacin, Tetracyclines, and Sulfonamides Antibiotics in Wastewater. 2021 , 11, 437	13
71	Adsorption of emerging contaminants from water and wastewater by modified biochar: A review. 2021 , 273, 116448	122
70	Bioaccumulation and bioconcentration of metals in Characidae from a Neotropical river basin under anthropic activities. 2021 , 28, 38434-38447	1
69	Assessment of the pollution incident performance of water and sewerage companies in England.	
68	The anaerobic biodegradation of emerging organic contaminants by horizontal subsurface flow constructed wetlands. 2021 , 83, 2809-2828	1
67	Loading, transport, and treatment of emerging chemical and biological contaminants of concern in stormwater. 2021 , 83, 2863-2885	1
66	Record of trace organic contaminants in a river sediment core: From historical wastewater management to historical use. <i>Science of the Total Environment</i> , 2021 , 773, 145694	10.2 5

65	Occurrence and Distribution of Pharmaceuticals and Their Transformation Products in Luxembourgish Surface Waters. 2021 ,		0
64	Trace Contaminant Removal by Nanofiltration. 2021 , 805-887		1
63	Varying attenuation of trace organic chemicals in natural treatment systems - A review of key influential factors. 2021 , 274, 129774		3
62	Pharmaceutical Contaminants in Shallow Groundwater and Their Implication for Poor Sanitation Facilities in Low-Income Countries. 2021 ,		0
61	Fungi for the bioremediation of pharmaceutical-derived pollutants: A bioengineering approach to water treatment. 2021 , 4, 100071		7
60	A comprehensive modelling approach to understanding the fate, transport and potential risks of emerging contaminants in a tropical reservoir. 2021 , 200, 117298		4
59	Acesulfame aerobic biodegradation by enriched consortia and <i>Chelatococcus</i> spp.: Kinetics, transformation products, and genomic characterization. 2021 , 202, 117454		3
58	Comparison of Estrogenic, Spectroscopic, and Toxicological Analyses of Pilot-Scale Water, Wastewaters, and Processed Wastewaters at Select Military Installations. 2021 , 55, 13103-13112		
57	Effects and relevant mechanisms of non-antibiotic factors on the horizontal transfer of antibiotic resistance genes in water environments: A review. <i>Science of the Total Environment</i> , 2022 , 806, 150568	10.2	6
56	Passive sampling with suspect screening of polar pesticides and multivariate analysis in river catchments: Informing environmental risk assessments and designing future monitoring programmes. <i>Science of the Total Environment</i> , 2021 , 787, 147519	10.2	2
55	The consequences for stream water quality of long-term changes in landscape patterns: Implications for land use management and policies. 2021 , 109, 105679		3
54	Pollution in rainwater harvesting: A challenge for sustainability and resilience of urban agriculture. 2021 , 2, 100037		1
53	Detection and removal of pathogenic bacteria from wastewater using various nanoparticles. 2022 , 311-322		0
52	Potential application of machine learning for exploring adsorption mechanisms of pharmaceuticals onto biochars. 2022 , 287, 132203		4
51	The occurrence of non-steroidal anti-inflammatory drugs (NSAIDs) in Malaysian urban domestic wastewater. 2022 , 287, 132134		2
50	Wastewater Reuse in Peri-Urban Agriculture Ecosystem: Current Scenario, Consequences, and Control Measures. 2021 , 121-146		
49	Origin, fate, and risk assessment of emerging contaminants in groundwater bodies: a holistic review. 2021 , 4, 1275		1
48	Sewage Markers as Determinants to Differentiate Origins of Emerging Organic Pollutants in an Urban Sri Lankan Water Drainage Network. 2021 , 13, 2898		

47	Assessment of the pollution incident performance of water and sewerage companies in England. 2021 , 16, e0251104	1
46	Application of Green Technology Using Biological Means for the Adsorption of Micro-Pollutants in Water. 2020 , 11, 735-752	0
45	Recent trends in the microbial degradation and bioremediation of emerging pollutants in wastewater treatment system. 2022 , 99-125	0
44	Chemical characterization of urban stormwater: Traditional and emerging contaminants. <i>Science of the Total Environment</i> , 2021 , 813, 151887	10.2 1
43	Quantitatively identifying the emission sources of pharmaceutically active compounds (PhACs) in the surface water: Method development, verification and application in Huangpu River, China.. <i>Science of the Total Environment</i> , 2022 , 815, 152783	10.2 1
42	Novel molecular tracers for the assessment of groundwater pollution. 2022 , 100331	1
41	Numerical Modeling the Flood and Pollutant Transport Processes in Residential Areas with Different Land Use Types. 2022 , 2022, 1-16	
40	Constructed and Floating Wetlands for Sustainable Water Reclamation. 2022 , 14, 1268	1
39	3D printable self-propelling sensors for the assessment of water quality via surface tension. 2022 , 5, 100044	2
38	Removal of Emerging Contaminants as Diclofenac and Caffeine Using Activated Carbon Obtained from Argan Fruit Shells. 2022 , 12, 2922	2
37	Source, fate, transport and modelling of selected emerging contaminants in the aquatic environment: Current status and future perspectives.. 2022 , 217, 118418	4
36	Adsorptive removal of sulfonamides, tetracyclines and quinolones from wastewater and water using carbon-based materials: Recent developments and future directions. 2022 , 349, 131421	1
35	Advancing prediction of emerging contaminants in a tropical reservoir with general water quality indicators based on a hybrid process and data-driven approach. 2022 , 430, 128492	1
34	Recent Developments in the Immobilization of Laccase on Carbonaceous Supports for Environmental Applications - A Critical Review.. 2021 , 9, 778239	3
33	Algae coupled constructed wetland system for wastewater treatment. 2022 , 191-216	0
32	Road runoff as a significant nonpoint source of parabens and their metabolites in urban rivers.. 2022 , 134632	1
31	Artificial Sweeteners. 2022 , 151-186	
30	Polymer Nanocomposite Membrane for Wastewater Treatment: A Critical Review.. 2022 , 14,	0

29	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
28	Discharge of pharmaceuticals from a municipal solid waste transfer station: Overlooked influence on the contamination of pharmaceuticals in surface waters. <i>Science of the Total Environment</i> , 2022 , 839, 156317	10.2	0
27	A decadal analysis to unravel the global status of emerging contaminants in wastewaters and comparison with the Indian context. 2022 , 18, 100803		
26	Adsorption onto granular activated carbons of a mixture of pesticides and their metabolites at trace concentrations in groundwater. 2022 , 10, 108218		0
25	Alternative sources of urban water supply and application of emerging materials in water treatment. 2022 , 381-396		
24	Spatial and temporal variability of contaminants of emerging concern in a drinking water source. 2022 , 12, 20876-20885		
23	WITHDRAWN: Review of occurrence of pharmaceuticals worldwide for estimating concentrations range in aquatic environments at the end of the last decade. 2022 , 100137		0
22	Alternative methods of monitoring emerging contaminants in water: a review.		0
21	Therapeutic Potentials of Wildlife Resources and Options for Conservation. 2022 , 143-174		0
20	Attenuation of organic pollutants and the effects of salinity and seasonality in a Mediterranean micro-estuary. 2023 , 856, 158919		0
19	Review of occurrence of pharmaceuticals worldwide for estimating concentration ranges in aquatic environments at the end of the last decade. 2022 , 100172		1
18	Bioremediation Technologies for the Treatment of Water Contaminated by Organic and Inorganic Contaminants. 2022 , 61-129		0
17	Assessment of Artificial Sweeteners as Wastewater Co-Tracers in an Urban Groundwater System of Mexico (Monterrey Metropolitan Area). 2022 , 14, 3210		0
16	A VIKOR-based approach to evaluate river contamination risks caused by wastewater treatment plant discharges. 2022 , 226, 119288		0
15	Synthesis and Characterization of Novel CoreShell ZnO@SiO ₂ Nanoparticles and Application in Antibiotic and Bacteria Removal.		2
14	Geospatial analysis reveals a hotspot of fecal bacteria in Canadian prairie lakes linked to agricultural non-point sources. 2023 , 119596		0
13	Wastewater surveillance of SARS-CoV-2 and chemical markers in campus dormitories in an evolving COVID 19 pandemic. 2023 , 446, 130690		0
12	Bibliometric Analysis and Comprehensive Review of Stormwater Treatment Wetlands: Global Research Trends and Existing Knowledge Gaps. 2023 , 15, 2332		1

11	A holistic review on triclosan and triclocarban exposure: Epidemiological outcomes, antibiotic resistance, and health risk assessment. 2023 , 872, 162114	1
10	Correlation between caffeine and coprostanol in contrasting Amazonian water bodies. 2023 , 326, 138365	0
9	Ranking the risks of eighty pharmaceuticals in surface water of a megacity: A multilevel optimization strategy. 2023 , 878, 163184	0
8	Impact of a megacity on the water quality of a tropical estuary assessed by a combination of chemical analysis and in-vitro bioassays. 2023 , 877, 162525	0
7	Comprehensive investigation and risk assessment of organic contaminants in Yellow River Estuary using suspect and nontarget screening strategies. 2023 , 173, 107843	0
6	Progress in deployment of biomass-based activated carbon in point-of-use filters for removal of emerging contaminants from water: A review. 2023 , 192, 412-440	0
5	Per- and Polyfluoroalkyl Substances in Toilet Paper and the Impact on Wastewater Systems. 2023 , 10, 234-239	0
4	Integrating the influence of untreated sewage into our understanding of the urban stream syndrome. 000-000	0
3	Biocatalytic Degradation of Emerging Micropollutants.	0
2	Screening of indicator pharmaceuticals and personal care products in landfill leachates: a case study in Shanghai, China. 2023 , 17,	0
1	Fate of five bisphenol derivatives in <i>Chlamydomonas mexicana</i> : Toxicity, removal, biotransformation and microalgal metabolism. 2023 , 454, 131504	0