

A ubiquitous tire rubber‐derived chemical induces ac

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Pollutants Bioavailability and Toxicological Risk from Microplastics. , 2021, , 1-40.		1
2	Presence of Microplastics in the Food Web of the Largest High-Elevation Lake in North America. Water (Switzerland), 2021, 13, 264.	2.7	15
3	Acute cerebrovascular effects in juvenile coho salmon exposed to roadway runoff. Canadian Journal of Fisheries and Aquatic Sciences, 2021, 78, 103-109.	1.4	27
4	Release of Zinc and Polycyclic Aromatic Hydrocarbons From Tire Crumb Rubber and Toxicity of Leachate to <i>Daphnia magna</i> : Effects of Tire Source and Photoaging. Bulletin of Environmental Contamination and Toxicology, 2021, 107, 651-656.	2.7	13
5	Invertebrate and Microbial Response to Hyporheic Restoration of an Urban Stream. Water (Switzerland), 2021, 13, 481.	2.7	4
6	Two New Discoveries Showing the Human Impact on the Environment. University of Toronto Journal of Undergraduate Life Sciences, 2021, 15, 5.	0.2	1
7	Changes in the Community Structure of Under-Ice and Open-Water Microbiomes in Urban Lakes Exposed to Road Salts. Frontiers in Microbiology, 2021, 12, 660719.	3.5	17
8	Occurrence of Substituted <i>p</i> -Phenylenediamine Antioxidants in Dusts. Environmental Science and Technology Letters, 2021, 8, 381-385.	8.7	88
10	Loading, transport, and treatment of emerging chemical and biological contaminants of concern in stormwater. Water Science and Technology, 2021, 83, 2863-2885.	2.5	19
11	Urban Stormwater Runoff: A Major Pathway for Anthropogenic Particles, Black Rubbery Fragments, and Other Types of Microplastics to Urban Receiving Waters. ACS ES&T Water, 2021, 1, 1420-1428.	4.6	126
12	A critical analysis of leaching and environmental risk assessment for reclaimed asphalt pavement management. Science of the Total Environment, 2021, 775, 145741.	8.0	27
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14	Reflections from the team: Co-creating visual media about ecological processes for young people. People and Nature, 2021, 3, 1272-1283.	3.7	2
15	Occurrence and Distribution of Pharmaceuticals and Their Transformation Products in Luxembourgish Surface Waters. ACS Environmental Au, 2021, 1, 58-70.	7.0	13
16	Metagenomic Insight of a Full Scale Eco-Friendly Treatment System of Textile Dye Wastewater Using Bioaugmentation of the Composite Culture CES-1. Microorganisms, 2021, 9, 1503.	3.6	7
17	Environmental risks of car tire microplastic particles and other road runoff pollutants. Microplastics and Nanoplastics, 2021, 1, .	8.8	43
18	The global threat from plastic pollution. Science, 2021, 373, 61-65.	12.6	862
19	Investigation of the Formation Mechanism and Environmental Risk of Tire "Pavement Wearing Waste (TPWW)". Sustainability, 2021, 13, 8172.	3.2	1

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21	Long-Range Transport, Trophic Transfer, and Ecological Risks of Organophosphate Esters in Remote Areas. Environmental Science & Technology, 2021, 55, 10192-10209.	10.0	78
22	Inter-laboratory mass spectrometry dataset based on passive sampling of drinking water for non-target analysis. Scientific Data, 2021, 8, 223.	5.3	14
23	Chemical Analysis of Microplastics and Nanoplastics: Challenges, Advanced Methods, and Perspectives. Chemical Reviews, 2021, 121, 11886-11936.	47.7	309
24	Acute Toxicity of a Tire Rubber-Derived Chemical, 6PPD Quinone, to Freshwater Fish and Crustacean Species. Environmental Science and Technology Letters, 2021, 8, 779-784.	8.7	99
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26	Analysis of recycled rubber: Development of an analytical method and determination of polycyclic aromatic hydrocarbons and heterocyclic aromatic compounds in rubber matrices. Chemosphere, 2021, 276, 130076.	8.2	28
27	Treading Water: Tire Wear Particle Leachate Recreates an Urban Runoff Mortality Syndrome in Coho but Not Chum Salmon. Environmental Science & Technology, 2021, 55, 11767-11774.	10.0	68
28	The Tire Wear Compounds 6PPD-Quinone and 1,3-Diphenylguanidine in an Urban Watershed. Archives of Environmental Contamination and Toxicology, 2022, 82, 171-179.	4.1	83
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31	A Deep Dive into the Complex Chemical Mixture and Toxicity of Tire Wear Particle Leachate in Fathead Minnow. Environmental Toxicology and Chemistry, 2022, 41, 1144-1153.	4.3	47
32	Defining the Scope of Exposome Studies and Research Needs from a Multidisciplinary Perspective. Environmental Science and Technology Letters, 2021, 8, 839-852.	8.7	55
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34	Monitoring of Environmental Contaminants in Mixed-Use Watersheds Combining Targeted and Nontargeted Analysis with Passive Sampling. Environmental Toxicology and Chemistry, 2022, 41, 1131-1143.	4.3	8
35	Altered gene expression in <i>Chironomus riparius</i> (insecta) in response to tire rubber and polystyrene microplastics. Environmental Pollution, 2021, 285, 117462.	7.5	32
36	Occurrences of Tire Rubber-Derived Contaminants in Cold-Climate Urban Runoff. Environmental Science and Technology Letters, 2021, 8, 961-967.	8.7	88
37	Removal of rubber, bitumen and other microplastic particles from stormwater by a gross pollutant trap - bioretention treatment train. Water Research, 2021, 202, 117457.	11.3	64

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38	Treatment-driven removal efficiency, product formation, and toxicity evolution of antineoplastic agents: Current status and implications for water safety assessment. <i>Water Research</i> , 2021, 206, 117729.	11.3	19
39	Environmental modelling of hexamethoxymethylmelamine, its transformation products, and precursor compounds: An emerging family of contaminants from tire wear. <i>Chemosphere</i> , 2021, 280, 130914.	8.2	14
40	Composites retard hydrolytic crack growth. <i>Extreme Mechanics Letters</i> , 2021, 48, 101433.	4.1	5
41	Detection of selected tire wear compounds in urban receiving waters. <i>Environmental Pollution</i> , 2021, 287, 117659.	7.5	74
42	Assessment of online water-soluble brown carbon measuring systems for aircraft sampling. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 6357-6378.	3.1	8
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47	Discovering pesticides and their TPs in Luxembourg waters using open cheminformatics approaches. <i>Environment International</i> , 2022, 158, 106885.	10.0	21
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50	Regenerate Nature, Our Best Hope to Reverse Climate Change. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
51	Occurrence and concentration of 20–100 µm sized microplastic in highway runoff and its removal in a gross pollutant trap – Bioretention and sand filter stormwater treatment train. <i>Science of the Total Environment</i> , 2022, 809, 151151.	8.0	30
52	Toxicological effects of 6PPD and 6PPD quinone in zebrafish larvae. <i>Journal of Hazardous Materials</i> , 2022, 424, 127623.	12.4	86
53	Nutritional status and prey energy density govern reproductive success in a small cetacean. <i>Scientific Reports</i> , 2021, 11, 19201.	3.3	8
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55	A Direct Mass Spectrometry Method for the Rapid Analysis of Ubiquitous Tire-Derived Toxin <i>N</i> -(1,3-Dimethylbutyl)- <i>N</i> -2-phenyl- <i>p</i> -phenylenediamine Quinone (6-PPDQ). <i>Environmental Science and Technology Letters</i> , 2021, 8, 1051-1056.	8.7	18

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60	Sustainable Bioplastic Made from Biomass DNA and Ionomers. <i>Journal of the American Chemical Society</i> , 2021, 143, 19486-19497.	13.7	50
61	Tris(1,3-dichloro-2-propyl)phosphate Induces Mass Mortality of Crucian Carp ( <i>Carassius</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TFS	10.0	10
62	<i>In Vitro</i> Digestion of Tire Particles in a Fish Model ( <i>Oncorhynchus mykiss</i> ): Solubilization Kinetics of Heavy Metals and Effects of Food Coingestion. <i>Environmental Science &amp; Technology</i> , 2021, 55, 15788-15796.	10.0	18
63	Governing Ecological Connectivity in Cross-Scale Dependent Systems. <i>BioScience</i> , 2022, 72, 372-386.	4.9	13
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65	Global evaluation of the chemical hazard of recycled tire crumb rubber employed on worldwide synthetic turf football pitches. <i>Science of the Total Environment</i> , 2022, 812, 152542.	8.0	31
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80	Toxicity of micro and nano tire particles and leachate for model freshwater organisms. Journal of Hazardous Materials, 2022, 429, 128319.	12.4	39
81	Policies and regulations for the emerging pollutants in freshwater ecosystems: Challenges and opportunities. , 2022, , 361-372.		6
82	Decreases in wastewater pollutants increased fish diversity of Chicago's waterways. Science of the Total Environment, 2022, 824, 153776.	8.0	4
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85	Toxicity of Tire Rubber Microplastics to Freshwater Sediment Organisms. Archives of Environmental Contamination and Toxicology, 2022, 82, 180-190.	4.1	13
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102	Sustainable strategies to treat urban runoff needed. <i>Nature Sustainability</i> , 2022, 5, 366-369.	23.7	24
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