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A systematic evaluation of chemicals in hydraulic-fracturing fluids and wastewater for reproductive and developmental toxicity

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116	Salting the Earth: The Environmental Impact of Oil and Gas Wastewater Spills. 2016 , 124, A230-A235		25
115	Overview of Chronic Oral Toxicity Values for Chemicals Present in Hydraulic Fracturing Fluids, Flowback, and Produced Waters. <i>Environmental Science & Technology</i> , 2016 , 50, 4788-97	10.3	58
114	Estimating the Potential Toxicity of Chemicals Associated with Hydraulic Fracturing Operations Using Quantitative Structure-Activity Relationship Modeling. <i>Environmental Science & Technology</i> , 2016 , 50, 7732-42	10.3	16
113	Systematic review of the association between oil and natural gas extraction processes and human reproduction. 2016 , 106, 795-819		47
112	Adverse Reproductive and Developmental Health Outcomes Following Prenatal Exposure to a Hydraulic Fracturing Chemical Mixture in Female C57Bl/6 Mice. 2016 , 157, 3469-81		32
111	Chemical and toxicological characterizations of hydraulic fracturing flowback and produced water. 2017 , 114, 78-87		94
110	Effects on Biotransformation, Oxidative Stress, and Endocrine Disruption in Rainbow Trout (<i>Oncorhynchus mykiss</i>) Exposed to Hydraulic Fracturing Flowback and Produced Water. <i>Environmental Science & Technology</i> , 2017 , 51, 940-947	10.3	43
109	Investigating the effects of heat activated persulfate on the degradation of furfural, a component of hydraulic fracturing fluid chemical additives. 2017 , 327, 1021-1032		32
108	Polycyclic aromatic hydrocarbons and female reproductive health: A scoping review. 2017 , 73, 61-74		64
107	Organic Chemical Characterization and Mass Balance of a Hydraulically Fractured Well: From Fracturing Fluid to Produced Water over 405 Days. <i>Environmental Science & Technology</i> , 2017 , 51, 14006-14015	10.3	41
106	Health symptoms in residents living near shale gas activity: A retrospective record review from the Environmental Health Project. 2017 , 8, 112-115		19
105	Organic compounds in hydraulic fracturing fluids and wastewaters: A review. 2017 , 123, 536-548		92
104	Environmental Contaminants Affecting Fertility and Somatic Health. 2017 , 35, 241-249		27
103	Unconventional oil and gas development and risk of childhood leukemia: Assessing the evidence. 2017 , 576, 138-147		45
102	A decision analysis framework for estimating the potential hazards for drinking water resources of chemicals used in hydraulic fracturing fluids. 2017 , 574, 1544-1558		15
101	Consultation is not consent: hydraulic fracturing and water governance on Indigenous lands in Canada. 2017 , 4, e1180		13
100	Marcellus Shale Fracking and Susquehanna River Stakeholder Attitudes: A Five-Year Update. 2017 , 9, 1713		4

99	Societal Implications of Unconventional Oil and Gas Development. 2017 , 167-192	
98	Prenatal Exposure to Unconventional Oil and Gas Operation Chemical Mixtures Altered Mammary Gland Development in Adult Female Mice. 2018 , 159, 1277-1289	16
97	Common Hydraulic Fracturing Fluid Additives Alter the Structure and Function of Anaerobic Microbial Communities. 2018 , 84,	10
96	Developmental Toxicity of the Organic Fraction from Hydraulic Fracturing Flowback and Produced Waters to Early Life Stages of Zebrafish (<i>Danio rerio</i>). <i>Environmental Science & Technology</i> , 2018 , 52, 3820-3830	10.3 46
95	A review of the public health impacts of unconventional natural gas development. 2018 , 40, 1-57	34
94	Hazard assessment of hydraulic fracturing chemicals using an indexing method. 2018 , 619-620, 281-290	12
93	Gestational exposure to volatile organic compounds (VOCs) in Northeastern British Columbia, Canada: A pilot study. 2018 , 110, 131-138	25
92	Geologic History, Hydrology, and Current Public Policy: The Case of Radionuclides and Water Quality in Pennsylvania's Marcellus Shale Region. 2018 , 2, 1-11	2
91	Drilling and Production Activity Related to Unconventional Gas Development and Severity of Preterm Birth. 2018 , 126, 037006	39
90	Spatial Modeling to Identify Sociodemographic Predictors of Hydraulic Fracturing Wastewater Injection Wells in Ohio Census Block Groups. 2018 , 126, 067008	11
89	The housing market impacts of wastewater injection induced seismicity risk. 2018 , 92, 251-269	12
88	In vitro assessment of endocrine disrupting potential of organic fractions extracted from hydraulic fracturing flowback and produced water (HF-FPW). 2018 , 121, 824-831	13
87	Prioritization of reproductive toxicants in unconventional oil and gas operations using a multi-country regulatory data-driven hazard assessment. 2018 , 117, 348-358	6
86	Assessing unconventional natural gas development: Understanding risks in the context of the EU. 2018 , 3, 47-51	3
85	Succession of toxicity and microbiota in hydraulic fracturing flowback and produced water in the Denver-Julesburg Basin. 2018 , 644, 183-192	19
84	A community-based evaluation of proximity to unconventional oil and gas wells, drinking water contaminants, and health symptoms in Ohio. 2018 , 167, 550-557	22
83	Shale gas development and infant health: Evidence from Pennsylvania. 2018 , 61, 134-150	60
82	Exploring matrix effects and quantifying organic additives in hydraulic fracturing associated fluids using liquid chromatography electrospray ionization mass spectrometry. 2019 , 21, 195-205	10

81	Attitudes, Perceptions, and Geospatial Analysis of Water Quality and Individual Health Status in a High-Fracking Region. 2019 , 11, 1633	2
80	Developmental Exposure to a Mixture of Unconventional Oil and Gas Chemicals Increased Risk-Taking Behavior, Activity and Energy Expenditure in Aged Female Mice After a Metabolic Challenge. 2019 , 10, 460	8
79	Oxidative Breakers Can Stimulate Halogenation and Competitive Oxidation in Guar-Gelled Hydraulic Fracturing Fluids. <i>Environmental Science & Technology</i> , 2019 , 53, 8216-8226	10.3 17
78	Unconventional natural gas development and adverse birth outcomes in Pennsylvania: The potential mediating role of antenatal anxiety and depression. 2019 , 177, 108598	13
77	Characterization and biological removal of organic compounds from hydraulic fracturing produced water. 2019 , 21, 279-290	13
76	Accuracy of methods for reporting inorganic element concentrations and radioactivity in oil and gas wastewaters from the Appalachian Basin, U.S. based on an inter-laboratory comparison. 2019 , 21, 224-241	16
75	Flowback verses first-flush: new information on the geochemistry of produced water from mandatory reporting. 2019 , 21, 370-383	5
74	Unconventional natural gas development and hospitalizations: evidence from Pennsylvania, United States, 2003-2014. 2019 , 168, 17-25	13
73	Preconceptional, Gestational, and Lactational Exposure to an Unconventional Oil and Gas Chemical Mixture Alters Energy Expenditure in Adult Female Mice. 2019 , 10, 323	8
72	Surface water and groundwater analysis using aryl hydrocarbon and endocrine receptor biological assays and liquid chromatography-high resolution mass spectrometry in Susquehanna County, PA. 2019 , 21, 988-998	2
71	The impact of several hydraulic fracking chemicals on Nile tilapia and evaluation of the protective effects of <i>Spirulina platensis</i> . 2019 , 26, 19453-19467	4
70	Green Ferrate(VI) for Multiple Treatments of Fracturing Wastewater: Demulsification, Visbreaking, and Chemical Oxygen Demand Removal. 2019 , 20,	4
69	Glutaraldehyde inhibits biological treatment of organic additives in hydraulic fracturing produced water. 2019 , 666, 1161-1168	10
68	Exploring the Place of Animals and Human-Animal Relationships in Hydraulic Fracturing Discourse. 2019 , 8, 61	1
67	Biological Effects of Elevated Major Ions in Surface Water Contaminated by a Produced Water from Oil Production. 2019 , 76, 670-677	14
66	A systematic assessment of carcinogenicity of chemicals in hydraulic-fracturing fluids and flowback water. 2019 , 251, 128-136	7
65	Electro-Responsive Green Gels for Lower Environmental Impact Shale Gas Extraction. 2019 , 33, 2057-2066	5
64	Treatment of Simulated Oil and Gas Produced Water via Pilot-Scale Rhizofiltration and Constructed Wetlands. 2019 , 13, 185-198	8

63	Fuzzy clustering analysis of hydraulic fracturing additives for environmental and human health risk mitigation. 2019 , 21, 39-53	10
62	Hydraulic Fracturing Fluid Compositions Induce Differential Enrichment of Soil Bacterial Communities. 2019 , 36, 385-395	9
61	The Shale Boom and Family Structure: Oil and Gas Employment Growth's Relationship to Marriage, Divorce, and Cohabitation.. 2020 , 85, 623-657	1
60	An integrative method for identification and prioritization of constituents of concern in produced water from onshore oil and gas extraction. 2020 , 134, 105280	26
59	Endocrine disrupting activities and geochemistry of water resources associated with unconventional oil and gas activity. 2020 , 748, 142236	8
58	WellExplorer: an integrative resource linking hydraulic fracturing chemicals with hormonal pathways and geographic location. 2020 , 2020,	
57	Unconventional Oil and Natural Gas Production, Health, and Social Perspectives on Fracking. 2020 , 13, 127-143	0
56	Evaluating Domestic Well Vulnerability to Contamination From Unconventional Oil and Gas Development Sites. 2020 , 56, e2020WR028005	8
55	Emerging Trends in Biological Treatment of Wastewater From Unconventional Oil and Gas Extraction. 2020 , 11, 569019	8
54	Environmental Justice Dimensions of Oil and Gas Flaring in South Texas: Disproportionate Exposure among Hispanic communities. <i>Environmental Science & Technology</i> , 2020 , 54, 6289-6298	10.3 13
53	Public reporting of hydraulic fracturing chemicals in the USA, 2011-18: a before and after comparison of reporting formats. 2020 , 4, e178-e185	3
52	Optimisation of Radium Removal from Saline Produced Waters during Oil and Gas Extraction. 2020 , 10, 278	0
51	Environmental aspects. 2020 , 259-329	
50	Developmental exposure to a mixture of unconventional oil and gas chemicals: A review of experimental effects on adult health, behavior, and disease. 2020 , 513, 110722	10
49	A geospatially resolved database of hydraulic fracturing wells for chemical transformation assessment. 2020 , 22, 945-955	2
48	The Use of Noble Gas Isotopes in Detecting Methane Contamination of Groundwater in Shale Gas Development Areas: An Overview of Technology and Methods. 2020 , 36, 521-530	1
47	The politics of water security in southern Saskatchewan. 2020 , 64, 266-279	1
46	In Our Backyard: Perceptions About Fracking, Science, and Health by Community Members. 2020 , 30, 42-51	4

45	Water quality assessment downstream of oil and gas produced water discharges intended for beneficial reuse in arid regions. 2020 , 713, 136607	22
44	Toward a Global Understanding of Chemical Pollution: A First Comprehensive Analysis of National and Regional Chemical Inventories. <i>Environmental Science & Technology</i> , 2020 , 54, 2575-2584	10,3 168
43	The Impact of Hydraulic Fracturing on Groundwater Quality in the Permian Basin, West Texas, USA. 2020 , 12, 796	9
42	Living at Extractive Sites: Invisible Harm and Green Victimization in the Oil Fields*. 2021 , 86, 229-259	0
41	Toxicity of hydraulic fracturing wastewater from black shale natural-gas wells influenced by well maturity and chemical additives. 2021 , 23, 621-632	2
40	Public involvement in risk governance in the internet era: impact of new rules of building trust and credibility. 1-17	2
39	Up in smoke: characterizing the population exposed to flaring from unconventional oil and gas development in the contiguous US. 2021 , 16, 034032	4
38	Irrigation of wheat with select hydraulic fracturing chemicals: Evaluating plant uptake and growth impacts. 2020 , 273, 116402	4
37	Shale particle interactions with organic and inorganic hydraulic fracturing additives. 2021 , 127, 104901	2
36	A comprehensive review of proppant transport in fractured reservoirs: Experimental, numerical, and field aspects. 2021 , 88, 103832	15
35	Multiphase Multicomponent Numerical Modeling for Hydraulic Fracturing with N-Heptane for Efficient Stimulation in a Tight Gas Reservoir of Germany. 2021 , 14, 3111	3
34	Modelling the impacts of future coal mining and coal seam gas extraction on river flows: A methodological framework. 2021 , 596, 126144	4
33	Arsenic release to the environment from hydrocarbon production, storage, transportation, use and waste management. 2021 , 411, 125013	3
32	Large-sample evidence on the impact of unconventional oil and gas development on surface waters. 2021 , 373, 896-902	6
31	Critical evaluation of human health risks due to hydraulic fracturing in natural gas and petroleum production. 2020 , 94, 967-1016	13
30	Hazardous substances as the dominant non-methane volatile organic compounds with potential emissions from liquid storage tanks during well fracturing: A modeling approach. 2020 , 268, 110715	3
29	Mutagenicity assessment downstream of oil and gas produced water discharges intended for agricultural beneficial reuse. 2020 , 715, 136944	18
28	Maternal residential proximity to unconventional gas development and perinatal outcomes among a diverse urban population in Texas. 2017 , 12, e0180966	45

27	Constructed wetlands for polishing oil and gas produced water releases. 2021 ,		
26	Climate Justice and California's Methane Superemitters: Environmental Equity Assessment of Community Proximity and Exposure Intensity. <i>Environmental Science & Technology</i> , 2021 , 55, 14746-14757 ²	10.3	2
25	Global Encyclopedia of Public Administration, Public Policy, and Governance. 2017 , 1-14		
24	Global Encyclopedia of Public Administration, Public Policy, and Governance. 2018 , 2549-2563		
23	Effects of dibenzothiophene, a sulfur-containing heterocyclic aromatic hydrocarbon, and its alkylated congener, 2,4,7-trimethyldibenzothiophene, on placental trophoblast cell function. 2021 , 41, 1367-1379		1
22	Examining hydraulic fracturing chemicals: A temporal and comparative analysis. 2022 , 208, 117878		0
21	Killing two birds with one stone: Pregnancy is a sensitive window for endocrine effects on both the mother and the fetus. 2021 , 205, 112435		3
20	Assessing Unconventional Oil and Gas Exposure in the Appalachian Basin: Comparison of Exposure Surrogates and Residential Drinking Water Measurements.. <i>Environmental Science & Technology</i> , 2022 ,	10.3	2
19	Carthamus Oxycantha Extract Derived Novel Green Synthetic Strategy for CaTiO ₃ Nano-Structures Displaying an Enhanced Photo-Degradation for a Mixture of Dyes (MB+RHB) and Anti-Bacterial Activity.		0
18	Groundwaters in Northeastern Pennsylvania near intense hydraulic fracturing activities exhibit few organic chemical impacts.. 2022 ,		3
17	Risk assessment of a municipal extended aeration activated sludge treatment plant using physico-chemical and in vitro bioassay analyses. 2022 , 26, 102254		0
16	Association Between Residential Proximity to Hydraulic Fracturing Sites and Adverse Birth Outcomes.. <i>JAMA Pediatrics</i> , 2022 ,	8.3	0
15	Data_Sheet_1.docx. 2019 ,		
14	Data_Sheet_1.docx. 2019 ,		
13	Assessing Exposure to Unconventional Oil and Gas Development: Strengths, Challenges, and Implications for Epidemiologic Research.. <i>Current Environmental Health Reports</i> , 2022 , 1	6.5	2
12	Supercritical carbon dioxide enhanced natural gas recovery from kerogen micropores. <i>Journal of CO₂ Utilization</i> , 2022 , 62, 102105	7.6	1
11	Geochemical Evidence of Potential Groundwater Contamination with Human Health Risks Where Hydraulic Fracturing Overlaps with Extensive Legacy Hydrocarbon Extraction. <i>Environmental Science & Technology</i> , 2022 , 56, 10010-10019	10.3	0
10	Regional Scale Assessment of Shallow Groundwater Vulnerability to Contamination from Unconventional Hydrocarbon Extraction.		1

- 9 Effects of oil exploration on surface water quality- a review.
- 8 Charting the landscape of the environmental exposome. ○
- 7 Congenital anomalies associated with oil and gas development and resource extraction: a population-based retrospective cohort study in Texas. ○
- 6 The Minderoo-Monaco Commission on Plastics and Human Health. **2023**, 89, ○
- 5 Temporal Trends of Racial and Socioeconomic Disparities in Population Exposures to Upstream Oil and Gas Development in California. **2023**, 7, ○
- 4 Globalization and Pollution. **2022**, 5433-5446 ○
- 3 Associations between occurrence of birth defects and hydraulic fracturing activities in Barnett shale region, Texas. **2023**, 9, e15213 ○
- 2 Social Vulnerability and Groundwater Vulnerability to Contamination From Unconventional Hydrocarbon Extraction in the Appalachian Basin. **2023**, 7, ○
- 1 Residential proximity to unconventional oil and gas development and birth defects in Ohio. **2023**, 115937 ○