

Lawrence D Lemke

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

650
citations

623188

14
h-index

752256

20
g-index

22
all docs

22
docs citations

22
times ranked

668
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of 1,4-dioxane attenuation processes at the Gelman Site, Michigan, USA. <i>Science of the Total Environment</i> , 2022, 823, 153634.	3.9	4
2	Determination of 1,4-dioxane in water samples using freeze-assisted liquid-liquid extraction and gas chromatography-mass spectrometry with select reaction monitoring. <i>Journal of Separation Science</i> , 2021, 44, 860-869.	1.3	0
3	Ambient BTEX exposure and mid-pregnancy inflammatory biomarkers in pregnant African American women. <i>Journal of Reproductive Immunology</i> , 2021, 145, 103305.	0.8	15
4	Prenatal airshed pollutants and preterm birth in an observational birth cohort study in Detroit, Michigan, USA. <i>Environmental Research</i> , 2020, 189, 109845.	3.7	25
5	Evidence for natural attenuation of 1,4-dioxane in a glacial aquifer system. <i>Hydrogeology Journal</i> , 2019, 27, 3009-3024.	0.9	6
6	Interannual variation of air quality across an international airshed in Detroit (USA) and Windsor (Canada): A comparison of two sampling campaigns in both cities. <i>Atmospheric Environment</i> , 2019, 198, 417-426.	1.9	7
7	Portable X-ray fluorescence trace metal measurement in organic rich soils: pXRF response as a function of organic matter fraction. <i>Geoderma</i> , 2018, 319, 175-184.	2.3	46
8	A workshop on transitioning cities at the food-energy-water nexus. <i>Journal of Environmental Studies and Sciences</i> , 2016, 6, 90-103.	0.9	15
9	Geospatial relationships of air pollution and acute asthma events across the Detroit-Windsor international border: Study design and preliminary results. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2014, 24, 346-357.	1.8	33
10	Spatial Variation of Soil Lead in an Urban Community Garden: Implications for Risk-Based Sampling. <i>Risk Analysis</i> , 2014, 34, 17-27.	1.5	26
11	Modeling spatiotemporal variability of intra-urban air pollutants in Detroit: A pragmatic approach. <i>Atmospheric Environment</i> , 2014, 94, 417-427.	1.9	22
12	Postaudit evaluation of conceptual model uncertainty for a glacial aquifer groundwater flow and contaminant transport model. <i>Hydrogeology Journal</i> , 2010, 18, 945-958.	0.9	6
13	Intra-urban correlation and spatial variability of air toxics across an international airshed in Detroit, Michigan (USA) and Windsor, Ontario (Canada). <i>Atmospheric Environment</i> , 2010, 44, 1162-1174.	1.9	63
14	Partitioned multiobjective risk modeling of carcinogenic compounds in groundwater. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009, 23, 27-39.	1.9	17
15	The influence of dimensionality on simulations of mass recovery from nonuniform dense non-aqueous phase liquid (DNAPL) source zones. <i>Advances in Water Resources</i> , 2009, 32, 401-412.	1.7	21
16	Modeling dense nonaqueous phase liquid mass removal in nonuniform formations: Linking source-zone architecture and system response. , 2006, 2, 74.		38
17	Pilot-Scale Demonstration of Surfactant-Enhanced PCE Solubilization at the Bachman Road Site. 1. Site Characterization and Test Design. <i>Environmental Science & Technology</i> , 2005, 39, 1778-1790.	4.6	78
18	Comparison of two-dimensional and three-dimensional simulations of dense nonaqueous phase liquids (DNAPLs): Migration and entrapment in a nonuniform permeability field. <i>Water Resources Research</i> , 2005, 41, .	1.7	43

#	ARTICLE	IF	CITATIONS
19	Matching Solute Breakthrough with Deterministic and Stochastic Aquifer Models. <i>Ground Water</i> , 2004, 42, 920-939.	0.7	10
20	Influence of textural and wettability variations on predictions of DNAPL persistence and plume development in saturated porous media. <i>Advances in Water Resources</i> , 2004, 27, 411-427.	1.7	47
21	Dense nonaqueous phase liquid (DNAPL) source zone characterization: Influence of hydraulic property correlation on predictions of DNAPL infiltration and entrapment. <i>Water Resources Research</i> , 2004, 40, .	1.7	47
22	Influence of hydraulic property correlation on predicted dense nonaqueous phase liquid source zone architecture, mass recovery and contaminant flux. <i>Water Resources Research</i> , 2004, 40, .	1.7	81