Dayue Shang

List of Publications by Year
in descending order

29 papers	506 citations	759233 12 h-index	677142 22 g-index
29 all docs	29 docs citations	29 times ranked	474 citing authors

#	Article	IF	Citations
1	Toxicity of naphthenic acid fraction components extracted from fresh and aged oil sands process-affected waters, and commercial naphthenic acid mixtures, to fathead minnow (Pimephales) Tj ETQq1 1 0.784314 rg BT /Over0	7.8	137
2	Rapid and sensitive method for the determination of polycyclic aromatic hydrocarbons in soils using pseudo multiple reaction monitoring gas chromatography/tandem mass spectrometry. Journal of Chromatography A, 2014, 1334, 118-125.	3.7	86
3	Sensitivity of walleye (Sander vitreus) and fathead minnow (Pimephales promelas) early-life stages to naphthenic acid fraction components extracted from fresh oil sands process-affected waters. Environmental Pollution, 2015, 207, 59-67.	7.5	39
4	Trace analysis of total naphthenic acids in aqueous environmental matrices by liquid chromatography/mass spectrometry-quadrupole time of flight mass spectrometry direct injection. Journal of Chromatography A, 2015, 1405, 49-71.	3.7	38
5	Polycyclic aromatic compounds (PACs) in the Canadian environment: A review of sampling techniques, strategies and instrumentation. Environmental Pollution, 2020, 266, 114988.	7.5	26
6	Determination of polycyclic aromatic hydrocarbons in surface water using simplified liquid–liquid micro-extraction and pseudo-MRM GC/MS/MS. Analytical Methods, 2018, 10, 405-416.	2.7	22
7	A rapid gas chromatography tandem mass spectrometry method for the determination of 50 PAHs for application in a marine environment. Analytical Methods, 2018, 10, 5559-5570.	2.7	17
8	Enhanced analysis of weathered crude oils by gas chromatography-flame ionization detection, gas chromatography-mass spectrometry diagnostic ratios, and multivariate statistics. Journal of Chromatography A, 2020, 1634, 461689.	3.7	16
9	Specificity of high resolution analysis of naphthenic acids in aqueous environmental matrices. Analytical Methods, 2016, 8, 6764-6773.	2.7	15
10	Long-term spatial and temporal trends, and source apportionment of polycyclic aromatic compounds in the Athabasca Oil Sands Region. Environmental Pollution, 2021, 268, 115351.	7.5	15
11	Evaluation of Gene Bioindicators in the Liver and Caudal Fin of Juvenile Pacific Coho Salmon in Response to Low Sulfur Marine Diesel Seawater-Accommodated Fraction Exposure. Environmental Science & Technology, 2019, 53, 1627-1638.	10.0	12
12	Tiered approach to long-term weathered lubricating oil analysis: GC/FID, GC/MS diagnostic ratios, and multivariate statistics. Analytical Methods, 2020, 12, 5236-5246.	2.7	12
13	A traceable reference for direct comparative assessment of total naphthenic acid concentrations in commercial and acid extractable organic mixtures derived from oil sands process water. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2017, 52, 274-280.	1.7	11
14	A rapid gas chromatography quadrupole time-of-flight mass spectrometry method for the determination of polycyclic aromatic hydrocarbons and sulfur heterocycles in spilled crude oils. Analytical Methods, 2022, 14, 717-725.	2.7	9
15	Ultra trace simultaneous determination of 50 polycyclic aromatic hydrocarbons in biota using pMRM GC-MS/MS. Environmental Forensics, 2020, 21, 87-98.	2.6	8
16	Dioctyl Sodium Sulfosuccinate as a Potential Endocrine Disruptor of Thyroid Hormone Activity in American bullfrog, Rana (Lithobates) catesbeiana, Tadpoles. Archives of Environmental Contamination and Toxicology, 2021, 80, 726-734.	4.1	8
17	Advancement in oil forensics through the addition of polycyclic aromatic sulfur heterocycles as biomarkers in diagnostic ratios. Journal of Hazardous Materials, 2022, 435, 129027.	12.4	8
18	Acute toxicity of Corexit EC9500A and assessment of dioctyl sulfosuccinate as an indicator for monitoring four oil dispersants applied to diluted bitumen. Environmental Toxicology and Chemistry, 2018, 37, 1309-1319.	4.3	7

#	Article	IF	Citations
19	Improved oil spill dispersant monitoring in seawater using dual tracers: Dioctyl and monoctyl sulfosuccinates sourced from corexit EC9500A. Journal of Chromatography A, 2019, 1598, 113-121.	3.7	7
20	Chemotyping and identification of protected Dalbergiatimber using gas chromatography quadrupole time of flight mass spectrometry. Journal of Chromatography A, 2020, 1615, 460775.	3.7	7
21	Development of a tiered analytical method for forensic investigation of mixed lubricating oil samples. Environmental Forensics, 2022, 23, 511-523.	2.6	6
22	Assessing diatom-mediated fatty acids in intertidal biofilm: a new conservation concern. Environmental Systems Research, 2021, 10, .	3.7	6
23	Rapid and Sensitive LC/MS/MS Direct Injection Method for the Determination of Trace Level Corexit EC9500A Oil Dispersant in Seawater. Environmental Forensics, 2015, 16, 333-343.	2.6	5
24	A practical study of CITES wood species identification by untargeted DART/QTOF, GC/QTOF and LC/QTOF together with machine learning processes and statistical analysis. Environmental Advances, 2021, 5, 100089.	4.8	5
25	Investigating the fate of polycyclic aromatic sulfur heterocycle compounds in spilled oils with a microcosm weathering experiment. Environmental Systems Research, 2022, 11, .	3.7	5
26	Diagnostic Ratio Analysis: A New Concept for the Tracking of Oil Sands Process-Affected Water Naphthenic Acids and Other Water-Soluble Organics in Surface Waters. Environmental Science & Technology, 2020, 54, 2228-2243.	10.0	3
27	Enhanced marine monitoring and toxicity study of oil spill dispersants including Corexit EC9500A in the presence of diluted bitumen. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2020, 55, 788-799.	1.7	3
28	Trace analysis of resin acids in surface waters by direct injection liquid chromatography time of flight mass spectrometry and tripleÂquadrupole mass spectrometry. Journal of Chromatography A, 2021, 1656, 462558.	3.7	3
29	Trace level analysis of three glycol ethers in wood stains by APCI-LC-MS/MS. Analytical Methods, 2019, 11, 3671-3677.	2.7	0