Sung Vo Duy

List of Publications by Year
in descending order

64 papers	2,645 citations	168829 31 h-index	214428 50 g-index
66 all docs	66 docs citations	66 times ranked	2741 citing authors

#	Article	IF	Citations
1	Target and Nontarget Screening of PFAS in Biosolids, Composts, and Other Organic Waste Products for Land Application in France. Environmental Science & Technology, 2022, 56, 6056-6068.	4.6	70
2	Novel and legacy per- and polyfluoroalkyl substances (PFAS) in freshwater sporting fish from background and firefighting foam impacted ecosystems in Eastern Canada. Science of the Total Environment, 2022, 816, 151563.	3.9	17
3	Effects of plants and biochar on the performance of treatment wetlands for removal of the pesticide chlorantraniliprole from agricultural runoff. Ecological Engineering, 2022, 175, 106477.	1.6	9
4	Locating illicit discharges in storm sewers in urban areas using multi-parameter source tracking: Field validation of a toolbox composite index to prioritize high risk areas. Science of the Total Environment, 2022, 811, 152060.	3.9	11
5	Phytotoxic effects of microcystins, anatoxin-a and cylindrospermopsin to aquatic plants: A meta-analysis. Science of the Total Environment, 2022, 810, 152104.	3.9	22
6	Fast screening of saxitoxin, neosaxitoxin, and decarbamoyl analogues in fresh and brackish surface waters by on-line enrichment coupled to HILIC-HRMS. Talanta, 2022, 241, 123267.	2.9	3
7	Assessment of automated off-line solid-phase extraction LC-MS/MS to monitor EPA priority endocrine disruptors in tap water, surface water, and wastewater. Talanta, 2022, 241, 123216.	2.9	18
8	Fish Exhibit Distinct Fluorochemical and Î´15N Isotopic Signatures in the St. Lawrence River Impacted by Municipal Wastewater Effluents. Frontiers in Environmental Science, 2022, 10, .	1.5	2
9	Occurrence of BMAA Isomers in Bloom-Impacted Lakes and Reservoirs of Brazil, Canada, France, Mexico, and the United Kingdom. Toxins, 2022, 14, 251.	1.5	6
10	Occurrence and seasonal distribution of steroid hormones and bisphenol A in surface waters and suspended sediments of Quebec, Canada. Environmental Advances, 2022, 8, 100199.	2.2	13
11	Per- and Polyfluoroalkyl Substances in Contaminated Soil and Groundwater at Airports: A Canadian Case Study. Environmental Science & Technology, 2022, 56, 885-895.	4.6	47
12	Removal of Zwitterionic PFAS by MXenes: Comparisons with Anionic, Nonionic, and PFAS-Specific Resins. Environmental Science & Technology, 2022, 56, 6212-6222.	4.6	21
13	Early and late cyanobacterial bloomers in a shallow, eutrophic lake. Environmental Sciences: Processes and Impacts, 2022, 24, 1212-1227.	1.7	5
14	Pharmaceutical pollution of hospital effluents and municipal wastewaters of Eastern Canada. Science of the Total Environment, 2022, 846, 157353.	3.9	25
15	Bioaccumulation and trophic magnification of emerging and legacy per- and polyfluoroalkyl substances (PFAS) in a St. Lawrence River food web. Environmental Pollution, 2022, 309, 119739.	3.7	35
16	Occurrence and partitioning behavior of E. coli and wastewater micropollutants following rainfall events. Resources, Environment and Sustainability, 2022, 9, 100067.	2.9	4
17	Stability issues of microcystins, anabaenopeptins, anatoxins, and cylindrospermopsin during short-term and long-term storage of surface water and drinking water samples. Harmful Algae, 2021, 101, 101955.	2.2	13
18	Stability of Nitrogen-Containing Polyfluoroalkyl Substances in Aerobic Soils. Environmental Science & Technology, 2021, 55, 4698-4708.	4.6	34

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19	Occurrence of microcystins, anabaenopeptins and other cyanotoxins in fish from a freshwater wildlife reserve impacted by harmful cyanobacterial blooms. Toxicon, 2021, 194, 44-52.	0.8	29
20	Longitudinal and vertical variations of waterborne emerging contaminants in the St. Lawrence Estuary and Gulf during winter conditions. Science of the Total Environment, 2021, 777, 146073.	3.9	13
21	Quantitative screening for cyanotoxins in soil and groundwater of agricultural watersheds in Quebec, Canada. Chemosphere, 2021, 274, 129781.	4.2	15
22	A quantitative UHPLC-MS/MS method for the growth hormone-releasing peptide-6 determination in complex biological matrices and transdermal formulations. Talanta, 2021, 233, 122555.	2.9	2
23	Physical and biological removal of Microcystin-LR and other water contaminants in a biofilter using Manganese Dioxide coated sand and Graphene sand composites. Science of the Total Environment, 2020, 703, 135052.	3.9	25
24	Analysis of sulfonamides, fluoroquinolones, tetracyclines, triphenylmethane dyes and other veterinary drug residues in cultured and wild seafood sold in Montreal, Canada. Journal of Food Composition and Analysis, 2020, 94, 103630.	1.9	26
25	A framework for the analysis of polar anticancer drugs in wastewater: On-line extraction coupled to HILIC or reverse phase LC-MS/MS. Talanta, 2020, 220, 121407.	2.9	22
26	Fast Generation of Perfluoroalkyl Acids from Polyfluoroalkyl Amine Oxides in Aerobic Soils. Environmental Science and Technology Letters, 2020, 7, 714-720.	3.9	26
27	Occurrence and Distribution of Per- and Polyfluoroalkyl Substances in Tianjin, China: The Contribution of Emerging and Unknown Analogues. Environmental Science & Technology, 2020, 54, 14254-14264.	4.6	85
28	Removal of microcystin-LR and other water pollutants using sand coated with bio-optimized carbon submicron particles: Graphene oxide and reduced graphene oxide. Chemical Engineering Journal, 2020, 397, 125398.	6.6	22
29	Improved extraction of multiclass cyanotoxins from soil and sensitive quantification with on-line purification liquid chromatography tandem mass spectrometry. Talanta, 2020, 216, 120923.	2.9	12
30	Bioaccumulation of Zwitterionic Polyfluoroalkyl Substances in Earthworms Exposed to Aqueous Film-Forming Foam Impacted Soils. Environmental Science & Technology, 2020, 54, 1687-1697.	4.6	31
31	Degradation and defluorination of 6:2 fluorotelomer sulfonamidoalkyl betaine and 6:2 fluorotelomer sulfonate by Gordonia sp. strain NB4-1Y under sulfur-limiting conditions. Science of the Total Environment, 2019, 647, 690-698.	3.9	115
32	Precipitation effects on parasite, indicator bacteria, and wastewater micropollutant loads from a water resource recovery facility influent and effluent. Journal of Water and Health, 2019, 17, 701-716.	1.1	2
33	Analysis of the neurotoxin Î²-N-methylamino-L-alanine (BMAA) and isomers in surface water by FMOC derivatization liquid chromatography high resolution mass spectrometry. PLoS ONE, 2019, 14, e0220698.	1.1	14
34	Analysis of Environmental Protection Agency priority endocrine disruptor hormones and bisphenol A in tap, surface and wastewater by online concentration liquid chromatography tandem mass spectrometry. Journal of Chromatography A, 2019, 1591, 87-98.	1.8	58
35	Analysis of F-53B, Gen-X, ADONA, and emerging fluoroalkylether substances in environmental and biomonitoring samples: A review. Trends in Environmental Analytical Chemistry, 2019, 23, e00066.	5.3	123
36	Data supporting the optimization of liquid chromatography tandem mass spectrometry conditions to analyze EPA-priority hormones and bisphenol A in water samples. Data in Brief, 2019, 24, 103958.	0.5	5

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37	Occurrence of pesticides in fruits and vegetables from organic and conventional agriculture by QuEChERS extraction liquid chromatography tandem mass spectrometry. Food Control, 2019, 104, 74-82.	2.8	49
38	Quality survey and spatiotemporal variations of atrazine and desethylatrazine in drinking water in Quebec, Canada. Science of the Total Environment, 2019, 671, 578-585.	3.9	46
39	Widespread occurrence and spatial distribution of glyphosate, atrazine, and neonicotinoids pesticides in the St. Lawrence and tributary rivers. Environmental Pollution, 2019, 250, 29-39.	3.7	131
40	Analysis of multiclass cyanotoxins (microcystins, anabaenopeptins, cylindrospermopsin and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 T spectrometry. Analytical Methods, 2019, 11, 5289-5300.	1.3	46
41	Adsorption of micropollutants present in surface waters onto polymeric resins: Impact of resin type and water matrix on performance. Science of the Total Environment, 2019, 660, 1449-1458.	3.9	47
42	Temporal variability of parasites, bacterial indicators, and wastewater micropollutants in a water resource recovery facility under various weather conditions. Water Research, 2019, 148, 446-458.	5.3	31
43	Zwitterionic, cationic, and anionic perfluoroalkyl and polyfluoroalkyl substances integrated into total oxidizable precursor assay of contaminated groundwater. Talanta, 2019, 195, 533-542.	2.9	111
44	Evaluation of on-line concentration coupled to liquid chromatography tandem mass spectrometry for the quantification of neonicotinoids and fipronil in surface water and tap water. Analytical and Bioanalytical Chemistry, 2018, 410, 2765-2779.	1.9	52
45	Quantification of peptides in human synovial fluid using liquid chromatographyâ€“tandem mass spectrometry. Talanta, 2018, 186, 124-132.	2.9	1
46	Seasonal variations of steroid hormones released by wastewater treatment plants to river water and sediments: Distribution between particulate and dissolved phases. Science of the Total Environment, 2018, 635, 144-155.	3.9	56
47	Worldwide drinking water occurrence and levels of newly-identified perfluoroalkyl and polyfluoroalkyl substances. Science of the Total Environment, 2018, 616-617, 1089-1100.	3.9	202
48	Adequate Reducing Conditions Enable Conjugation of Oxidized Peptides to Polymers by One-Pot Thiol Click Chemistry. Bioconjugate Chemistry, 2018, 29, 3866-3876.	1.8	7
49	Optimization of extraction methods for comprehensive profiling of perfluoroalkyl and polyfluoroalkyl substances in firefighting foam impacted soils. Analytica Chimica Acta, 2018, 1034, 74-84.	2.6	63
50	Removal of micropollutants by fresh and colonized magnetic powdered activated carbon. Journal of Hazardous Materials, 2018, 360, 349-355.	6.5	37
51	Environmental Occurrence of Perfluoroalkyl Acids and Novel Fluorotelomer Surfactants in the Freshwater Fish Catostomus commersonii and Sediments Following Firefighting Foam Deployment at the Lac-MÃ©gantic Railway Accident. Environmental Science & Technology, 2017, 51, 1231-1240.	4.6	97
52	Fluoxetine and its active metabolite norfluoxetine disrupt estrogen synthesis in a co-culture model of the feto-placental unit. Molecular and Cellular Endocrinology, 2017, 442, 32-39.	1.6	30
53	Novel Fluoroalkylated Surfactants in Soils Following Firefighting Foam Deployment During the Lac-MÃ©gantic Railway Accident. Environmental Science & Technology, 2017, 51, 8313-8323.	4.6	98
54	Analysis of individual and total microcystins in surface water by on-line preconcentration and desalting coupled to liquid chromatography tandem mass spectrometry. Journal of Chromatography A, 2017, 1516, 9-20.	1.8	40

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55	Analysis of emerging contaminants in water and solid samples using high resolution mass spectrometry with a Q Exactive orbital ion trap and estrogenic activity with YES-assay. Chemosphere, 2017, 166, 400-411.	4.2	57
56	Cyanotoxin degradation activity and mlr gene expression profiles of a Sphingopyxis sp. isolated from Lake Champlain, Canada. Environmental Sciences: Processes and Impacts, 2016, 18, 1417-1426.	1.7	32
57	Generation of Perfluoroalkyl Acids from Aerobic Biotransformation of Quaternary Ammonium Polyfluoroalkyl Surfactants. Environmental Science & Technology, 2016, 50, 9923-9932.	4.6	118
58	Analysis of zwitterionic, cationic, and anionic poly- and perfluoroalkyl surfactants in sediments by liquid chromatography polarity-switching electrospray ionization coupled to high resolution mass spectrometry. Talanta, 2016, 152, 447-456.	2.9	82
59	Analysis of nine N-nitrosamines using liquid chromatography-accurate mass high resolution-mass spectrometry on a Q-Exactive instrument. Analytical Methods, 2015, 7, 5748-5759.	1.3	45
60	Quantitative analysis of poly- and perfluoroalkyl compounds in water matrices using high resolution mass spectrometry: Optimization for a laser diode thermal desorption method. Analytica Chimica Acta, 2015, 881, 98-106.	2.6	40
61	Biodegradation of multiple microcystins and cylindrospermopsin in clarifier sludge and a drinking water source: Effects of particulate attached bacteria and phycocyanin. Ecotoxicology and Environmental Safety, 2015, 120, 409-417.	2.9	21
62	Adsorption characteristics of multiple microcystins and cylindrospermopsin on sediment: Implications for toxin monitoring and drinking water treatment. Toxicon, 2015, 103, 48-54.	0.8	33
63	On-line solid-phase extraction coupled to liquid chromatography tandem mass spectrometry for the analysis of cyanotoxins in algal blooms. Toxicon, 2015, 108, 167-175.	0.8	50
64	A New Protocol for the Analysis of Pharmaceuticals, Pesticides, and Hormones in Sediments and Suspended Particulate Matter From Rivers and Municipal Wastewaters. Archives of Environmental Contamination and Toxicology, 2014, 66, 582-593.	2.1	42