

Sara Valsecchi

List of Publications by Year in descending order

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73
papers

2,331
citations

159585

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223800

46
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75
all docs

75
docs citations

75
times ranked

2790
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the Ecological Risks of Per- and Polyfluoroalkyl Substances: Current State-of-the Science and a Proposed Path Forward. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 564-605.	4.3	166
2	Sources and fate of perfluorinated compounds in the aqueous environment and in drinking water of a highly urbanized and industrialized area in Italy. <i>Journal of Hazardous Materials</i> , 2015, 282, 51-60.	12.4	142
3	Occurrence and sources of perfluoroalkyl acids in Italian river basins. <i>Chemosphere</i> , 2015, 129, 126-134.	8.2	98
4	ZÃ¼rich Statement on Future Actions on Per- and Polyfluoroalkyl Substances (PFASs). <i>Environmental Health Perspectives</i> , 2018, 126, 84502.	6.0	91
5	Partition of Nonylphenol and Related Compounds Among Different Aquatic Compartments in Tiber River (Central Italy). <i>Water, Air, and Soil Pollution</i> , 2006, 172, 151-166.	2.4	83
6	Effect-based and chemical analytical methods to monitor estrogens under the European Water Framework Directive. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 102, 225-235.	11.4	82
7	Quality assessment of bed sediments of the Po River (Italy). <i>Water Research</i> , 2003, 37, 501-518.	11.3	78
8	Determination of perfluorinated compounds in aquatic organisms: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 143-157.	3.7	75
9	Deriving environmental quality standards for perfluorooctanoic acid (PFOA) and related short chain perfluorinated alkyl acids. <i>Journal of Hazardous Materials</i> , 2017, 323, 84-98.	12.4	74
10	Screening and risk management solutions for steroidal estrogens in surface and wastewater. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 102, 343-358.	11.4	68
11	Surrogate measures for providing high frequency estimates of total phosphorus concentrations in urban watersheds. <i>Water Research</i> , 2014, 64, 265-277.	11.3	59
12	Chemical composition of fresh snow samples from the southern slope of Mt. Everest region (Khumbu-Himal region, Nepal). <i>Atmospheric Environment</i> , 2001, 35, 3183-3190.	4.1	53
13	Electrochemical detection in the capillary electrophoresis analysis of inorganic compounds. <i>Journal of Chromatography A</i> , 1999, 834, 103-116.	3.7	48
14	Uptake and translocation of perfluoroalkyl acids (PFAA) in red chicory (<i>Cichorium intybus</i> L.) under various treatments with pre-contaminated soil and irrigation water. <i>Science of the Total Environment</i> , 2020, 708, 134766.	8.0	48
15	Analysis of inorganic species in environmental samples by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1999, 834, 363-385.	3.7	47
16	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): letâ€™s cooperate!. <i>Environmental Sciences Europe</i> , 2020, 32, .	5.5	46
17	Per- and Polyfluoroalkyl Substances (PFAS) in Fish from European Lakes: Current Contamination Status, Sources, and Perspectives for Monitoring. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 658-676.	4.3	45
18	Uptake and translocation of perfluoroalkyl acids (PFAAs) in hydroponically grown red chicory (<i>Cichorium intybus</i> L.): Growth and developmental toxicity, comparison with growth in soil and bioavailability implications. <i>Science of the Total Environment</i> , 2020, 720, 137333.	8.0	42

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19	Chemical composition of Monsoon deposition in the Everest region. <i>Science of the Total Environment</i> , 1999, 226, 187-199.	8.0	41
20	On-line sample extraction and purification for the LC-MS determination of emerging contaminants in environmental samples. <i>Trends in Environmental Analytical Chemistry</i> , 2015, 8, 27-37.	10.3	41
21	Determination of endocrine disrupting chemicals in environmental solid matrices by extraction with a non-ionic surfactant (Tween 80). <i>Journal of Chromatography A</i> , 2004, 1022, 1-7.	3.7	40
22	Importance of dietary uptake of trace elements in the benthic deposit-feeding <i>Lumbriculus variegatus</i> . <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 36, 103-112.	11.4	38
23	Laboratory intercomparison study for the analysis of nonylphenol and octylphenol in river water. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 89-95.	11.4	37
24	Perfluoroalkyl acids in fish of Italian deep lakes: Environmental and human risk assessment. <i>Science of the Total Environment</i> , 2019, 653, 351-358.	8.0	36
25	Determination of anions in rainwater by capillary electrophoresis with conductivity detection. <i>Journal of Chromatography A</i> , 1997, 760, 326-332.	3.7	35
26	Chemical and radio-chemical composition of fresh snow samples from northern slopes of Himalayas (Cho Oyu range, Tibet). <i>Atmospheric Environment</i> , 2003, 37, 1573-1581.	4.1	35
27	The new PFAS C6O4 and its effects on marine invertebrates: First evidence of transcriptional and microbiota changes in the Manila clam <i>Ruditapes philippinarum</i> . <i>Environment International</i> , 2021, 152, 106484.	10.0	35
28	Chloride interference in the determination of bromate in drinking water by reagent free ion chromatography with mass spectrometry detection. <i>Journal of Chromatography A</i> , 2005, 1085, 42-46.	3.7	34
29	Pollutant partitioning for monitoring surface waters. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 159-169.	11.4	34
30	Combined Use of Caffeine and Turbidity to Evaluate the Impact of CSOs on River Water Quality. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	33
31	An On-Line Solid Phase Extraction-Liquid Chromatography-Tandem Mass Spectrometry Method for the Determination of Perfluoroalkyl Acids in Drinking and Surface Waters. <i>Journal of Analytical Methods in Chemistry</i> , 2015, 2015, 1-13.	1.6	32
32	Liquid chromatography mass spectrometry determination of perfluoroalkyl acids in environmental solid extracts after phospholipid removal and on-line turbulent flow chromatography purification. <i>Journal of Chromatography A</i> , 2016, 1453, 62-70.	3.7	32
33	The analytical problem of measuring total concentrations of organic pollutants in whole water. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 36, 71-81.	11.4	30
34	Recovery of 4-nonylphenol and 4-nonylphenol ethoxylates from river sediments by pressurised liquid extraction. <i>Journal of Chromatography A</i> , 2001, 925, 297-301.	3.7	28
35	Occurrence, distribution and pollution pattern of legacy and emerging organic pollutants in surface water of the Kongsfjorden (Svalbard, Norway): Environmental contamination, seasonal trend and climate change. <i>Marine Pollution Bulletin</i> , 2021, 163, 111900.	5.0	28
36	Trophic Magnification of Legacy (PCB, DDT and Hg) and Emerging Pollutants (PFAS) in the Fish Community of a Small Protected Southern Alpine Lake (Lake Mergozzo, Northern Italy). <i>Water (Switzerland)</i> , 2020, 12, 1591.	2.7	27

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37	Uptake and Elimination of 4-Nonylphenol by the Clam Tapes philippinarum. Archives of Environmental Contamination and Toxicology, 2007, 53, 571-578.	4.1	26
38	Evolutionary ecotoxicology of perfluoralkyl substances (PFASs) inferred from multigenerational exposure: A case study with Chironomus riparius (Diptera, Chironomidae). Aquatic Toxicology, 2014, 156, 41-51.	4.0	26
39	An Old Relict Glacier Body Preserved in Permafrost Environment: The Foscagno Rock Glacier Ice Core (Upper Valtellina, Italian Central Alps). Arctic, Antarctic, and Alpine Research, 2004, 36, 108-116.	1.1	25
40	Suspect screening of wastewaters to trace anti-COVID-19 drugs: Potential adverse effects on aquatic environment. Science of the Total Environment, 2022, 824, 153756.	8.0	23
41	UPTAKE AND ACCUMULATION OF SEDIMENT-ASSOCIATED 4-NONYLPHENOL IN A BENTHIC INVERTEBRATE (LUMBRICULUS VARIEGATUS, FRESHWATER OLIGOCHAETE). Environmental Toxicology and Chemistry, 2005, 24, 1165.	4.3	20
42	Intensive monitoring of conventional and surrogate quality parameters in a highly urbanized river affected by multiple combined sewer overflows. Water Science and Technology: Water Supply, 2019, 19, 953-966.	2.1	20
43	Ion chromatography determination of trace level bromate by large volume injection with conductivity and spectrophotometric detection after post column derivatisation. Journal of Chromatography A, 1999, 864, 263-270.	3.7	18
44	Effects of Perfluoralkyl Substances on a Multigenerational Scale: A Case Study with <i>Chironomus riparius</i> (Diptera, Chironomidae). Environmental Toxicology and Chemistry, 2019, 38, 988-999.	4.3	16
45	Chemical-monitoring on-site exercises to harmonize analytical methods for priority substances in the European Union. TrAC - Trends in Analytical Chemistry, 2012, 36, 25-35.	11.4	14
46	Inter-laboratory mass spectrometry dataset based on passive sampling of drinking water for non-target analysis. Scientific Data, 2021, 8, 223.	5.3	14
47	Ion-chromatographic screening method for monitoring arsenate and other anionic pollutants in ground waters of Northern Italy. Journal of Chromatography A, 2001, 920, 231-238.	3.7	13
48	Potential toxicity of environmentally relevant perfluorooctane sulfonate (PFOS) concentrations to yellow-legged gull <i>Larus michahellis</i> embryos. Environmental Science and Pollution Research, 2016, 23, 426-437.	5.3	13
49	Exposure assessment of PFAS-contaminated sites using avian eggs as a biomonitoring tool: A frame of reference and a case study in the Po River valley (Northern Italy). Integrated Environmental Assessment and Management, 2021, 17, 733-745.	2.9	13
50	Fate and monitoring of hazardous substances in temporary rivers. TrAC - Trends in Analytical Chemistry, 2011, 30, 1222-1232.	11.4	11
51	Within- and Among-Clutch Variation of Yolk Perfluoroalkyl Acids in a Seabird from the Northern Adriatic Sea. Environmental Toxicology and Chemistry, 2021, 40, 744-753.	4.3	11
52	Evaluating the impact of a fluoropolymer plant on a river macrobenthic community by a combined chemical, ecological and genetic approach. Science of the Total Environment, 2015, 538, 654-663.	8.0	10
53	Clam bioaccumulation of Alkylphenols and Polycyclic aromatic hydrocarbons in the Venice lagoon under different pressures. Marine Pollution Bulletin, 2017, 124, 121-129.	5.0	10
54	New compounds, old problems. The case of C6O4 - a substitute of PFOA - and its effects to the clam <i>Ruditapes philippinarum</i> . Journal of Hazardous Materials, 2021, 420, 126689.	12.4	10

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55	Free flap head and neck reconstruction in the elderly: what is the impact on quality of life?. <i>Acta Otorhinolaryngologica Italica</i> , 2019, 39, 145-149.	1.5	10
56	Use of column-switching ion chromatography for the simultaneous determination of total nitrogen and phosphorus after microwave assisted persulphate digestion. <i>Journal of Chromatography A</i> , 1998, 822, 162-166.	3.7	9
57	Matrix effects in the determination of bromate in drinking water by ion chromatography. <i>Journal of Chromatography A</i> , 1999, 847, 279-284.	3.7	9
58	Organic Contaminants in Zooplankton of Italian Subalpine Lakes: Patterns of Distribution and Seasonal Variations. <i>Water (Switzerland)</i> , 2019, 11, 1901.	2.7	7
59	Sediment quality assessment framework for per- and polyfluoroalkyl substances: Results from a preparatory study and regulatory implications. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 716-725.	2.9	7
60	Legacy and emerging contaminants in the endangered filter feeder basking shark <i>Cetorhinus maximus</i> . <i>Marine Pollution Bulletin</i> , 2022, 176, 113466.	5.0	5
61	Effectiveness of measures adopted for the reduction of nonylphenol emission in European river basins: a case study of the River Lambro, Northern Italy. <i>Water Policy</i> , 2015, 17, 1176-1190.	1.5	4
62	Testing the Use of Standardized Laboratory Tests to Infer Hg Bioaccumulation in Indigenous Benthic Organisms of Lake Maggiore (NW Italy). <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1970.	2.5	4
63	Determination of perfluoroalkyl acids in different tissues of graminaceous plants. <i>Analytical Methods</i> , 2021, 13, 1643-1650.	2.7	4
64	Assessment of Reed Grasses (<i>Phragmites australis</i>) Performance in PFAS Removal from Water: A Phytoremediation Pilot Plant Study. <i>Water (Switzerland)</i> , 2022, 14, 946.	2.7	4
65	Determination of 4-nonylphenol and 4-nonylphenol ethoxylates in river sediments by microwave assisted solvent extraction. <i>Annali Di Chimica</i> , 2003, 93, 297-304.	0.6	3
66	Integrated Exposure and Algal Ecotoxicological Assessments of Effluents from Secondary and Advanced Tertiary Wastewater Treatment Plants. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 2404-2419.	4.3	3
67	Chemical composition of fresh snow in the Himalaya and Karakoram. <i>Developments in Earth Surface Processes</i> , 2007, 10, 251-262.	2.8	2
68	To the editor. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2392-2394.	4.3	2
69	Automated Determination of Linear Alkylbenzene Sulphonate (LAS) in Wastewater Treatment Plants Effluents Using on Line Solid-phase Extraction Followed by HPLC with Fluorescence Detection. <i>Tenside, Surfactants, Detergents</i> , 2009, 46, 346-351.	1.2	2
70	A note on the ice crystallography and geochemistry of a debris cone, Northern Foothills, Antarctica. <i>Permafrost and Periglacial Processes</i> , 2002, 13, 77-82.	3.4	1
71	The Distribution of PCB's and Chlorinated Pesticides in Two Connected Himalayan Lakes. <i>Water, Air, and Soil Pollution</i> , 1997, 99, 717-725.	2.4	0
72	Contaminant concentrations in bivalve tissues are not necessarily representative of the chemical status of a site. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 1123-1124.	2.9	0

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73	Liquid Chromatography–Mass Spectrometry for the Analysis of Perfluorinated Compounds in Water Samples. , 2015, , 485-515.		0