

Martin Schlabach

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

2,908
citations

36
h-index

53
g-index

62
ext. papers

3,181
ext. citations

8.2
avg, IF

4.74
L-index

| # | Paper | IF | Citations |
|----|--|--------|-----------|
| 61 | NMR Study of the Tautomerism of Porphyrin Including the Kinetic HH/HD/DD Isotope Effects in the Liquid and the Solid State. <i>Journal of the American Chemical Society</i> , 1994 , 116, 6593-6604 | 16.4 | 174 |
| 60 | Source to sink tracking of selected human pharmaceuticals from two Oslo city hospitals and a wastewater treatment works. <i>Journal of Environmental Monitoring</i> , 2007 , 9, 1410-8 | | 154 |
| 59 | Seasonal Changes and Relations between Levels of Organochlorines in Arctic Ambient Air: First Results of an All-Year-Round Monitoring Program at Ny-Ålesund, Svalbard, Norway. <i>Environmental Science & Technology</i> , 1996 , 30, 2294-2304 | 10.3 | 118 |
| 58 | Ambient air levels and atmospheric long-range transport of persistent organochlorines to Signy Island, Antarctica. <i>Science of the Total Environment</i> , 1998 , 220, 167-180 | 10.2 | 114 |
| 57 | Emerging pollutants in the EU: 10 years of NORMAN in support of environmental policies and regulations. <i>Environmental Sciences Europe</i> , 2018 , 30, 5 | 5 | 104 |
| 56 | Spatial variability of POPs in European background air. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 1549-1564 | 6.8564 | 104 |
| 55 | A comparison of organic contaminants in two high Arctic lake ecosystems, Bjørnøya (Bear Island), Norway. <i>Science of the Total Environment</i> , 2004 , 318, 125-41 | 10.2 | 99 |
| 54 | Occurrence and seasonality of cyclic volatile methyl siloxanes in Arctic air. <i>Environmental Science & Technology</i> , 2013 , 47, 502-9 | 10.3 | 91 |
| 53 | Sorption of perfluorinated compounds from contaminated water to activated carbon. <i>Journal of Soils and Sediments</i> , 2010 , 10, 179-185 | 3.4 | 90 |
| 52 | Hexachlorocyclohexanes in Air in Southern Norway. Temporal Variation, Source Allocation, and Temperature Dependence. <i>Environmental Science & Technology</i> , 1998 , 32, 217-224 | 10.3 | 89 |
| 51 | Contaminants in Svalbard polar bear samples archived since 1967 and possible population level effects. <i>Science of the Total Environment</i> , 2003 , 301, 163-74 | 10.2 | 81 |
| 50 | An Antarctic research station as a source of brominated and perfluorinated persistent organic pollutants to the local environment. <i>Environmental Science & Technology</i> , 2015 , 49, 103-12 | 10.3 | 77 |
| 49 | Gas chromatographic determination of synthetic musk compounds in Norwegian air samples. <i>Journal of Chromatography A</i> , 1999 , 846, 295-306 | 4.5 | 74 |
| 48 | Persistent organohalogen contaminant burdens in Antarctic krill (<i>Euphausia superba</i>) from the eastern Antarctic sector: a baseline study. <i>Science of the Total Environment</i> , 2008 , 407, 304-14 | 10.2 | 69 |
| 47 | Determination of Q1, an unknown organochlorine contaminant, in human milk, Antarctic air, and further environmental samples. <i>Environmental Pollution</i> , 2000 , 110, 401-9 | 9.3 | 66 |
| 46 | Polychlorinated dibenzofurans/dibenzo-p-dioxins (PCDF/PCDDs) and other dioxin-like substances in marine organisms from the Grenland fjords, S. Norway, 1975-2001: present contamination levels, trends and species specific accumulation of PCDF/PCDD congeners. <i>Chemosphere</i> , 2003 , 52, 745-60 | 8.4 | 62 |
| 45 | Elevated levels of polybrominated diphenyl ethers (PBDEs) in fish from Lake Mjøsa, Norway. <i>Science of the Total Environment</i> , 2008 , 390, 132-41 | 10.2 | 61 |

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| 44 | A first screening and risk assessment of pharmaceuticals and additives in personal care products in waste water, sludge, recipient water and sediment from Faroe Islands, Iceland and Greenland. <i>Science of the Total Environment</i> , 2016 , 562, 13-25 | 10.2 | 60 |
| 43 | Long-term monitoring of persistent organic pollutants (POPs) at the Norwegian Troll station in Dronning Maud Land, Antarctica. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 6983-6992 | 6.8 | 57 |
| 42 | NMR study of kinetic HH/HD/DH/DD isotope effects on the tautomerism of acetylporphyrin: evidence for a stepwise double proton transfer. <i>Journal of the American Chemical Society</i> , 1993 , 115, 4554-4565 | 16.4 | 54 |
| 41 | High resolution mass spectrometry-based non-target screening can support regulatory environmental monitoring and chemicals management. <i>Environmental Sciences Europe</i> , 2019 , 31, | 5 | 50 |
| 40 | Per- and polyfluorinated compounds in house dust and indoor air from northern Norway - a pilot study. <i>Chemosphere</i> , 2011 , 84, 1686-93 | 8.4 | 50 |
| 39 | Changing sources and environmental factors reduce the rates of decline of organochlorine pesticides in the Arctic atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2012 , 12, 4033-4044 | 6.8 | 50 |
| 38 | NMR and NIR Studies of the Tautomerism of 5,10,15,20-Tetraphenylporphyrin including Kinetic HH/HD/DD Isotope and Solid State Effects. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1992 , 96, 821-833 | | 50 |
| 37 | Determination of levels of polychlorinated dibenzo-p-dioxins, dibenzofurans, biphenyls and pesticides in harp seals from the Greenland Sea. <i>Science of the Total Environment</i> , 1995 , 162, 75-91 | 10.2 | 49 |
| 36 | Metabolic concentration of lipid soluble organochlorine burdens in the blubber of southern hemisphere humpback whales through migration and fasting. <i>Environmental Science & Technology</i> , 2013 , 47, 9404-13 | 10.3 | 45 |
| 35 | Atmospheric transport of persistent organic pollutants (POPs) to Bjørnøya (Bear island). <i>Journal of Environmental Monitoring</i> , 2007 , 9, 1082-91 | | 45 |
| 34 | Vertical distribution of lipids, fatty acids and organochlorine contaminants in the blubber of southern hemisphere humpback whales (<i>Megaptera novaeangliae</i>). <i>Marine Environmental Research</i> , 2014 , 94, 24-31 | 3.3 | 42 |
| 33 | Ambient air levels of persistent organochlorines in spring 1992 at Spitsbergen and the Norwegian mainland: comparison with 1984 results and quality control measures. <i>Science of the Total Environment</i> , 1995 , 160-161, 139-152 | 10.2 | 42 |
| 32 | Sources and pathways of persistent polychlorinated pollutants to remote areas of the North Atlantic and levels in the marine food chain: a research update. <i>Science of the Total Environment</i> , 1996 , 186, 13-24 | 10.2 | 42 |
| 31 | High Concentrations of Organic Contaminants in Air from Ship Breaking Activities in Chittagong, Bangladesh. <i>Environmental Science & Technology</i> , 2015 , 49, 11372-80 | 10.3 | 41 |
| 30 | Investigation of the Tautomerism of ¹⁵ N-Labeled Hydroporphyrins by Dynamic NMR Spectroscopy. <i>Angewandte Chemie International Edition in English</i> , 1989 , 28, 76-79 | | 40 |
| 29 | Polychlorinated biphenyls (PCBs) as sentinels for the elucidation of Arctic environmental change processes: a comprehensive review combined with ArcRisk project results. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 22499-22528 | 5.1 | 40 |
| 28 | Halogenated organic contaminants and mercury in northern fulmars (<i>Fulmarus glacialis</i>): levels, relationships to dietary descriptors and blood to liver comparison. <i>Environmental Pollution</i> , 2007 , 146, 25-33 | 9.3 | 38 |
| 27 | Spatial patterns of polybrominated diphenyl ethers (PBDEs) in mosses, herbivores and a carnivore from the Norwegian terrestrial biota. <i>Science of the Total Environment</i> , 2008 , 404, 162-70 | 10.2 | 37 |

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| 26 | Evidence of tautomerism in a triply ¹⁵ N labeled monoacetylporphyrin by NMR: Kinetic HH/HD isotope effects and thermodynamics in CD ₂ Cl ₂ . <i>Journal of the American Chemical Society</i> , 1986 , 108, 3856-3858 | 16.4 | 36 |
| 25 | Endosulfan, pentachlorobenzene and short-chain chlorinated paraffins in background soils from Western Europe. <i>Environmental Pollution</i> , 2015 , 196, 21-8 | 9.3 | 34 |
| 24 | Balsa raft crossing the Pacific finds low contaminant levels. <i>Environmental Science & Technology</i> , 2009 , 43, 4783-90 | 10.3 | 34 |
| 23 | An unequivocal ¹ H NMR structural assignment of TOX8 and TOX9, the two most abundant toxaphene congeners in marine mammals. <i>Fresenius Journal of Analytical Chemistry</i> , 1994 , 349, 552-558 | | 33 |
| 22 | Kinetic hydrogen-hydrogen/hydrogen-deuterium/deuterium-hydrogen/deuterium-deuterium isotope effects on nondegenerate stepwise reversible double proton transfer reactions. NMR study of the tautomerism of meso-tetraphenylchlorin. <i>Journal of the American Chemical Society</i> , 1991 , 113, 3550-3558 | 16.4 | 32 |
| 21 | Identification and quantification of polybrominated hexahydroxanthene derivatives and other halogenated natural products in commercial fish and other marine samples. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 2652-7 | 5.7 | 30 |
| 20 | Concentrations of selected chemicals in indoor air from Norwegian homes and schools. <i>Science of the Total Environment</i> , 2019 , 674, 1-8 | 10.2 | 28 |
| 19 | A nutritional-toxicological assessment of Antarctic krill oil versus fish oil dietary supplements. <i>Nutrients</i> , 2014 , 6, 3382-402 | 6.7 | 28 |
| 18 | Gull eggs--food of high organic pollutant content?. <i>Journal of Environmental Monitoring</i> , 2005 , 7, 635-9 | | 24 |
| 17 | Contrasting the seasonal variability of halogenated natural products and anthropogenic hexachlorocyclohexanes in the southern Norwegian atmosphere. <i>Archives of Environmental Contamination and Toxicology</i> , 2008 , 55, 547-57 | 3.2 | 21 |
| 16 | Untersuchung der Tautomerie ¹⁵ N-markierter Hydroporphyrine durch dynamische NMR-Spektroskopie. <i>Angewandte Chemie</i> , 1989 , 101, 84-87 | 3.6 | 21 |
| 15 | Concentrations of polychlorinated dibenzo-p-dioxins, dibenzofurans and non-ortho substituted biphenyls in polar bear milk from Svalbard (Norway). <i>Environmental Pollution</i> , 1995 , 90, 401-7 | 9.3 | 19 |
| 14 | Evaluating the environmental fate of short-chain chlorinated paraffins (SCCPs) in the Nordic environment using a dynamic multimedia model. <i>Environmental Sciences: Processes and Impacts</i> , 2013 , 15, 2240-51 | 4.3 | 17 |
| 13 | The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let's cooperate!. <i>Environmental Sciences Europe</i> , 2020 , 32, | 5 | 12 |
| 12 | Using passive air samplers to assess local sources versus long range atmospheric transport of POPs. <i>Journal of Environmental Monitoring</i> , 2012 , 14, 2580-90 | | 12 |
| 11 | Low concentrations of persistent organic pollutants (POPs) in air at Cape Verde. <i>Science of the Total Environment</i> , 2018 , 612, 129-137 | 10.2 | 11 |
| 10 | CPMAS polarization transfer methods for superposed chemical exchange and spin diffusion in organic solids. <i>Journal of Magnetic Resonance</i> , 1988 , 77, 84-100 | | 11 |
| 9 | Preparation and certification of a reference material on PCBs in pig fat and its application in quality control in monitoring laboratories during the Belgian "PCB-crisis". <i>Chemosphere</i> , 2001 , 44, 529-37 | 8.4 | 9 |

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| 8 | Non-target and suspect characterisation of organic contaminants in Arctic air [Part 2: Application of a new tool for identification and prioritisation of chemicals of emerging Arctic concern in air. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 9031-9049 | 6.8 | 9 |
| 7 | Forecasting long-range atmospheric transport episodes of polychlorinated biphenyls using FLEXPART. <i>Atmospheric Environment</i> , 2013 , 71, 335-339 | 5.3 | 6 |
| 6 | Accumulation of polychlorinated dibenzo-p-dioxins and furans in Atlantic cod (<i>Gadus morhua</i>)--cage experiments in a Norwegian Fjord. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011 , 74, 455-65 | 3.2 | 6 |
| 5 | Quantitative Analysis of Persistent Organochlorines in Samples From Polar Regions a Challenge For The Analytical Chemist. <i>International Journal of Environmental Analytical Chemistry</i> , 1994 , 55, 261-266 | 1.8 | 4 |
| 4 | NMR and IR studies of novel multiple proton transfers in liquids, crystals, and organic glasses. <i>Journal of Molecular Structure</i> , 1988 , 177, 143-155 | 3.4 | 3 |
| 3 | Non-target and suspect characterisation of organic contaminants in ambient air [Part 1: Combining a novel sample clean-up method with comprehensive two-dimensional gas chromatography. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 1697-1716 | 6.8 | 3 |
| 2 | Non-target and suspect characterisation of organic contaminants in ambient air, Part I: Combining a novel sample clean-up method with comprehensive two-dimensional gas chromatography 2020 , | | 1 |
| 1 | Spatial trends of chlorinated paraffins and dechloranes in air and soil in a tropical urban, suburban, and rural environment. <i>Environmental Pollution</i> , 2022 , 292, 118298 | 9.3 | 1 |