

# Paolo Cescon

## List of Publications by Year in descending order

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84  
papers

3,189  
citations

126907

33  
h-index

161849

54  
g-index

87  
all docs

87  
docs citations

87  
times ranked

3091  
citing authors

#	ARTICLE	IF	CITATIONS
1	Greenland Snow Evidence of Large Scale Atmospheric Contamination for Platinum, Palladium, and Rhodium. <i>Environmental Science &amp; Technology</i> , 2001, 35, 835-839.	10.0	290
2	Changes in heavy metals in Antarctic snow from Coats Land since the mid-19th to the late-20th century. <i>Earth and Planetary Science Letters</i> , 2002, 200, 207-222.	4.4	149
3	Meteoritic smoke fallout over the Holocene epoch revealed by iridium and platinum in Greenland ice. <i>Nature</i> , 2004, 432, 1011-1014.	27.8	132
4	Historical Record of European Emissions of Heavy Metals to the Atmosphere Since the 1650s from Alpine Snow/Ice Cores Drilled near Monte Rosa. <i>Environmental Science &amp; Technology</i> , 2004, 38, 4085-4090.	10.0	130
5	Post-17th-Century Changes of European Lead Emissions Recorded in High-Altitude Alpine Snow and Ice. <i>Environmental Science &amp; Technology</i> , 2004, 38, 957-964.	10.0	99
6	Determination of Rh, Pd, and Pt in Polar and Alpine Snow and Ice by Double-Focusing ICPMS with Microconcentric Nebulization. <i>Analytical Chemistry</i> , 1999, 71, 4125-4133.	6.5	92
7	A major glacial-interglacial change in aeolian dust composition inferred from Rare Earth Elements in Antarctic ice. <i>Quaternary Science Reviews</i> , 2010, 29, 265-273.	3.0	86
8	Snow-to-air exchanges of mercury in an Arctic seasonal snow pack in Ny-Ålesund, Svalbard. <i>Atmospheric Environment</i> , 2005, 39, 7633-7645.	4.1	85
9	Direct Determination of Levoglucosan at the Picogram per Milliliter Level in Antarctic Ice by High-Performance Liquid Chromatography/Electrospray Ionization Triple Quadrupole Mass Spectrometry. <i>Analytical Chemistry</i> , 2008, 80, 1649-1655.	6.5	84
10	Atmospheric PCB Concentrations at Terra Nova Bay, Antarctica. <i>Environmental Science &amp; Technology</i> , 2005, 39, 9406-9411.	10.0	74
11	Direct Determination of Heavy Metals at Picogram per Gram Levels in Greenland and Antarctic Snow by Double Focusing Inductively Coupled Plasma Mass Spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1997, 12, 925-931.	3.0	73
12	Chemometric Characterization and Classification of Five Venetian White Wines. <i>Journal of Agricultural and Food Chemistry</i> , 1994, 42, 1143-1153.	5.2	69
13	Post 17th-Century Changes of European PAH Emissions Recorded in High-Altitude Alpine Snow and Ice. <i>Environmental Science &amp; Technology</i> , 2010, 44, 3260-3266.	10.0	68
14	Trace element determination in alpine snow and ice by double focusing inductively coupled plasma mass spectrometry with microconcentric nebulization. <i>Journal of Analytical Atomic Spectrometry</i> , 1999, 14, 1433-1438.	3.0	67
15	Free amino acids in atmospheric particulate matter of Venice, Italy. <i>Atmospheric Environment</i> , 2011, 45, 5050-5057.	4.1	67
16	Ultrasensitive determination of heavy metals at the sub-picogram per gram level in ultraclean Antarctic snow samples by inductively coupled plasma sector field mass spectrometry. <i>Analytica Chimica Acta</i> , 2001, 450, 193-205.	5.4	65
17	Variations in atmospheric trace elements in Dome C (East Antarctica) ice over the last two climatic cycles. <i>Atmospheric Environment</i> , 2005, 39, 6420-6429.	4.1	64
18	Atmospheric iron fluxes over the last deglaciation: Climatic implications. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	61

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19	Atmospheric depletion of mercury over Antarctica during glacial periods. <i>Nature Geoscience</i> , 2009, 2, 505-508.	12.9	61
20	Inter-annual trend of the primary contribution of ship emissions to PM 2.5 concentrations in Venice (Italy): Efficiency of emissions mitigation strategies. <i>Atmospheric Environment</i> , 2015, 102, 183-190.	4.1	60
21	Seasonal variations of heavy metals in central Greenland snow deposited from 1991 to 1995. <i>Journal of Environmental Monitoring</i> , 2003, 5, 328-335.	2.1	59
22	Contamination of Alpine snow and ice at Colle Gnifetti, Swiss/Italian Alps, from nuclear weapons tests. <i>Atmospheric Environment</i> , 2011, 45, 587-593.	4.1	56
23	Direct Determination of Rare Earth Elements at the Subpicogram per Gram Level in Antarctic Ice by ICP-SFMS Using a Desolvation System. <i>Analytical Chemistry</i> , 2006, 78, 1883-1889.	6.5	53
24	Diurnal production of gaseous mercury in the alpine snowpack before snowmelt. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	52
25	Atmospheric mercury depletion event study in Ny-Alesund (Svalbard) in spring 2005. Deposition and transformation of Hg in surface snow during springtime. <i>Science of the Total Environment</i> , 2008, 397, 167-177.	8.0	49
26	Atmospheric heavy metals in tropical South America during the past 22,000 years recorded in a high altitude ice core from Sajama, Bolivia. <i>Journal of Environmental Monitoring</i> , 2004, 6, 322-326.	2.1	48
27	Simultaneous speciation analysis of glutathione peroxidase, selenoprotein P and selenoalbumin in human serum by tandem anion exchange-affinity HPLC and on-line isotope dilution ICP-quadrupole MS. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 661-669.	3.7	45
28	Determination of polychlorobiphenyls and polycyclic aromatic hydrocarbons in the atmospheric aerosol of the Venice Lagoon. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 1806-1814.	3.7	44
29	A two hundred years record of atmospheric cadmium, copper and zinc concentrations in high altitude snow and ice from the French-Italian Alps. <i>Geophysical Research Letters</i> , 2000, 27, 249-252.	4.0	43
30	Speciation analysis of selenoproteins in human serum by solid-phase extraction and affinity HPLC hyphenated to ICP-quadrupole MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2008, 23, 402-406.	3.0	43
31	Organic micropollutants in wet and dry depositions in the Venice Lagoon. <i>Chemosphere</i> , 2009, 76, 1017-1022.	8.2	40
32	Trace element determination in seawater by ICP-SFMS coupled with a microflow nebulization/desolvation system. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 380, 258-268.	3.7	38
33	Benthic fluxes of cadmium, lead, copper and nitrogen species in the northern Adriatic Sea in front of the River Po outflow, Italy. <i>Science of the Total Environment</i> , 2000, 246, 121-137.	8.0	35
34	Short-term variations in the occurrence of heavy metals in Antarctic snow from Coats Land since the 1920s. <i>Science of the Total Environment</i> , 2002, 300, 129-142.	8.0	32
35	A climatic control on the accretion of meteoric and super-chondritic iridium and platinum to the Antarctic ice cap. <i>Earth and Planetary Science Letters</i> , 2006, 250, 459-469.	4.4	32
36	Speciation analysis of selenoproteins in human serum by microbore affinity-HPLC hyphenated to ICP-Sector field-MS using a high efficiency sample introduction system. <i>Mikrochimica Acta</i> , 2009, 166, 319-327.	5.0	32

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37	Plasma selenoproteins concentrations in type 2 diabetes mellitus—a pilot study. <i>Translational Research</i> , 2010, 156, 242-250.	5.0	32
38	Aroma components as discriminating parameters in the chemometric classification of venetian white wines. <i>Journal of the Science of Food and Agriculture</i> , 1984, 35, 1004-1011.	3.5	31
39	Multiple discriminant analysis in the analytical differentiation of Venetian wines. 3. A reelaboration with addition of data from samples of 1979 vintage Prosecco wine. <i>Journal of Agricultural and Food Chemistry</i> , 1982, 30, 1135-1140.	5.2	30
40	Cadmium, Lead and Copper Complexation in Antarctic Coastal Seawater. Evolution during the Austral Summer. <i>International Journal of Environmental Analytical Chemistry</i> , 1998, 71, 195-226.	3.3	30
41	Post-World War II Uranium Changes in Dated Mont Blanc Ice and Snow. <i>Environmental Science &amp; Technology</i> , 2001, 35, 4026-4030.	10.0	30
42	Anodic stripping voltammetric determination of the contamination of seawater samples by cadmium, lead and copper during filtration and storage. <i>Analytica Chimica Acta</i> , 1982, 135, 263-276.	5.4	28
43	Seasonal evolution of gas-phase PCB concentrations in the Venice Lagoon area. <i>Chemosphere</i> , 2006, 62, 449-458.	8.2	28
44	Inter-method comparison for the determination of antimony and arsenic in peat samples. <i>Analytica Chimica Acta</i> , 2002, 458, 387-396.	5.4	27
45	Heavy metals in ancient tropical ice: initial results. <i>Atmospheric Environment</i> , 2001, 35, 5809-5815.	4.1	25
46	Siderophile metal fallout to Greenland from the 1991 winter eruption of Hekla (Iceland) and during the global atmospheric perturbation of Pinatubo. <i>Chemical Geology</i> , 2008, 255, 78-86.	3.3	25
47	Performance characteristics of a low volume spray chamber with a micro-flow nebulizer for ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2004, 19, 286.	3.0	24
48	Elemental indicators of natural and anthropogenic aerosol inputs to Law Dome, Antarctica. <i>Annals of Glaciology</i> , 2004, 39, 169-174.	1.4	24
49	Transport of Gas-Phase Polycyclic Aromatic Hydrocarbons to the Venice Lagoon. <i>Environmental Science &amp; Technology</i> , 2004, 38, 5357-5364.	10.0	23
50	Trace element determination in a candidate reference material (Antarctic Krill) by ICP-sector field MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2000, 15, 377-382.	3.0	20
51	Changes in atmospheric heavy metals and metalloids in Dome C (East Antarctica) ice back to 672.0 kyr BP (Marine Isotopic Stages 16.2). <i>Earth and Planetary Science Letters</i> , 2008, 272, 579-590.	4.4	20
52	Seasonal variations in nickel and vanadium in Mont Blanc snow and ice dated from the 1960s and 1990s. <i>Journal of Environmental Monitoring</i> , 2002, 4, 960-966.	2.1	16
53	Towards an improved qualitative and quantitative determination of glutathione peroxidase, selenoprotein P and selenoalbumin in human serum by HPLC coupled to ICP-MS. <i>Analytical Methods</i> , 2010, 2, 1382.	2.7	15
54	The use of cation exchange matrix separation coupled with ICP-MS to directly determine platinum group element (PGE) and other trace element emissions from passenger cars equipped with diesel particulate filters (DPF). <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 2731-2740.	3.7	15

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55	Assessment of a procedure to determine trace and major elements in atmospheric aerosol. <i>Journal of Environmental Monitoring</i> , 2009, 11, 193-199.	2.1	14
56	Temporal evolution of DMS and DMSP in Antarctic Coastal Sea water. <i>International Journal of Environmental Analytical Chemistry</i> , 2004, 84, 401-412.	3.3	13
57	Climate-related variations in crustal trace elements in Dome C (East Antarctica) ice during the past 672 kyr. <i>Climatic Change</i> , 2009, 92, 191-211.	3.6	13
58	Analytical quality control: Sampling procedures to detect trace metals in environmental matrices. <i>Mikrochimica Acta</i> , 1996, 123, 129-136.	5.0	12
59	PAHs and Trace Elements in PM2.5 at the Venice Lagoon. <i>Annali Di Chimica</i> , 2007, 97, 343-358.	0.6	11
60	Standard electrode potentials of Cd/Cd(II), In/In(III), Pb/Pb(II), Tl/Tl(I), Zn/Zn(II) in molten alkali acetates. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1969, 22, 215-219.	0.1	10
61	Electroanalysis and Chemometrics of Speciation of Natural Waters – continued. <i>Analytical Proceedings</i> , 1991, 28, 72-81.	0.4	9
62	Ultra-low rare earth element content in accreted ice from sub-glacial Lake Vostok, Antarctica. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 5959-5974.	3.9	9
63	The distribution of dissolved thallium in the different water masses of the western sector of the Ross Sea (Antarctica) during the austral summer. <i>Microchemical Journal</i> , 2010, 96, 194-202.	4.5	9
64	Standard electrode potentials of Ag/Ag(I), Cd/Cd(II), Co/Co(II), In/In(III), Tl/Tl(I), Zn/Zn(II) in molten alkali thiocyanates. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1969, 23, 255-259.	0.1	7
65	Voltammetry in fused acetamide. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1978, 94, 153-155.	0.1	7
66	Trace metals in Antarctic sea water. , 2001, , 107-154.		7
67	Solubility and electrochemical behaviour of water in molten alkali metal acetates. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1973, 47, 509-519.	0.1	5
68	Photoelectric effect of sulphur deposited from a thiocyanate melt onto a platinum electrode. <i>Journal of the Chemical Society Chemical Communications</i> , 1973, , 154-155.	2.0	5
69	Electrochemical determination of the contamination of sea water samples during storage and filtration. <i>Science of the Total Environment</i> , 1984, 37, 95-100.	8.0	5
70	Acrylamide determination in atmospheric particulate matter by high-performance liquid chromatography/electrospray ionisation tandem mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1150-1160.	3.3	5
71	Properties of anodic deposits in molten thiocyanates. <i>Journal of the Chemical Society Chemical Communications</i> , 1974, , 1020-1021.	2.0	4
72	Voltammetric studies in (K,Na)SCN eutectic melt. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1975, 59, 155-161.	0.1	4

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73	A Historical Record of Heavy Metal Pollution in Alpine Snow and Ice. , 2011, , 71-94.		4
74	Potentiometric study of silver-sulphide reactions in molten alkali thiocyanates. <i>Analytica Chimica Acta</i> , 1971, 57, 224-227.	5.4	3
75	Photoelectrochemical effect of the anodic deposit obtained on platinum from selenocyanate ammoniate. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1981, 122, 393-394.	0.1	3
76	Selenium speciation in rat colon tissues. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 100-108.	3.0	2
77	A scientific framework for environmental monitoring in Antarctica. , 2001, , 33-53.		2
78	Precipitation titrations of silver and iodide ions in molten ammonium sulphamate. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1971, 32, 13-20.	0.1	1
79	Argentometric titration of halides in molten hydrated sodium acetate. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1973, 42, 139-145.	0.1	1
80	Trace element determination in polar snow and ice. An overview of the analytical process and application in environmental and paleoclimatic studies. , 2001, , 55-86.		1
81	20 Platinum group elements and other trace elements in high altitude snow and ice. <i>Developments in Earth Surface Processes</i> , 2007, 10, 147-153.	2.8	1
82	Heavy Metals in Antarctic and Greenland Snow and Ice Cores: Man Induced Changes During the Last Millennia and Natural Variations During the Last Climatic Cycles. , 2011, , 19-46.		1
83	Use of a Pt microelectrode for the study of the gamma-radiolysis of aerated aqueous solutions of ferro- and ferricyanides. <i>International Journal for Radiation Physics and Chemistry</i> , 1969, 1, 387-393.	0.8	0
84	Potentiometric study of sulphide solutions in molten alkali thiocyanates. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1975, 59, 215-219.	0.1	0