Paolo Cescon

List of Publications by Year
in descending order

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84	3,189	126907	161849
papers	citations	33	54
		h-index	g-index

87	87	87	3091
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inter-annual trend of the primary contribution of ship emissions to PM 2.5 concentrations in Venice (Italy): Efficiency of emissions mitigation strategies. Atmospheric Environment, 2015, 102, 183-190.	4.1	60
2	Acrylamide determination in atmospheric particulate matter by high-performance liquid chromatography/electrospray ionisation tandem mass spectrometry. International Journal of Environmental Analytical Chemistry, 2012, 92, 1150-1160.	3.3	5
3	Selenium speciation in rat colon tissues. Journal of Analytical Atomic Spectrometry, 2011, 26, 100-108.	3.0	2
4	Contamination of Alpine snow and ice at Colle Gnifetti, Swiss/Italian Alps, from nuclear weapons tests. Atmospheric Environment, 2011, 45, 587-593.	4.1	56
5	Free amino acids in atmospheric particulate matter of Venice, Italy. Atmospheric Environment, 2011, 45, 5050-5057.	4.1	67
6	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). Analytical and Bioanalytical Chemistry, 2011, 399, 2731-2740.	3.7	15
7	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
8	A Historical Record of Heavy Metal Pollution in Alpine Snow and Ice. , 2011, , 71-94.		4
9	The distribution of dissolved thallium in the different water masses of the western sector of the Ross Sea (Antarctica) during the austral summer. Microchemical Journal, 2010, 96, 194-202.	4.5	9
10	Plasma selenoproteins concentrations in type 2 diabetes mellitusâ€"a pilot study. Translational Research, 2010, 156, 242-250.	5.0	32
11	Post 17th-Century Changes of European PAH Emissions Recorded in High-Altitude Alpine Snow and Ice. Environmental Science & Technology, 2010, 44, 3260-3266.	10.0	68
12	A major glacial-interglacial change in aeolian dust composition inferred from Rare Earth Elements in Antarctic ice. Quaternary Science Reviews, 2010, 29, 265-273.	3.0	86
13	Towards an improved qualitative and quantitative determination of glutathione peroxidase, selenoprotein P and selenoalbumin in human serum by HPLC coupled to ICP-MS. Analytical Methods, 2010, 2, 1382.	2.7	15
14	Speciation analysis of selenoproteins in human serum by microbore affinity-HPLC hyphenated to ICP-Sector field-MS using a high efficiency sample introduction system. Mikrochimica Acta, 2009, 166, 319-327.	5.0	32
15	Climate-related variations in crustal trace elements in Dome C (East Antarctica) ice during the past 672Âkyr. Climatic Change, 2009, 92, 191-211.	3.6	13
16	Atmospheric depletion of mercury over Antarctica during glacial periods. Nature Geoscience, 2009, 2, 505-508.	12.9	61
17	Organic micropollutants in wet and dry depositions in the Venice Lagoon. Chemosphere, 2009, 76, 1017-1022.	8.2	40
18	Ultra-low rare earth element content in accreted ice from sub-glacial Lake Vostok, Antarctica. Geochimica Et Cosmochimica Acta, 2009, 73, 5959-5974.	3.9	9

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19	Assessment of a procedure to determine trace and major elements in atmospheric aerosol. Journal of Environmental Monitoring, 2009, 11, 193-199.	2.1	14
20	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. Analytical and Bioanalytical Chemistry, 2008, 391, 661-669.	3.7	45
21	Atmospheric mercury depletion event study in Ny-Alesund (Svalbard) in spring 2005. Deposition and transformation of Hg in surface snow during springtime. Science of the Total Environment, 2008, 397, 167-177.	8.0	49
22	Changes in atmospheric heavy metals and metalloids in Dome C (East Antarctica) ice back to 672.0Âkyr BP (Marine Isotopic Stages 16.2). Earth and Planetary Science Letters, 2008, 272, 579-590.	4.4	20
23	Siderophile metal fallout to Greenland from the 1991 winter eruption of Hekla (Iceland) and during the global atmospheric perturbation of Pinatubo. Chemical Geology, 2008, 255, 78-86.	3.3	25
24	Direct Determination of Levoglucosan at the Picogram per Milliliter Level in Antarctic Ice by High-Performance Liquid Chromatography/Electrospray Ionization Triple Quadrupole Mass Spectrometry. Analytical Chemistry, 2008, 80, 1649-1655.	6.5	84
25	Speciation analysis of selenoproteins in human serum by solid-phase extraction and affinity HPLC hyphenated to ICP-quadrupole MS. Journal of Analytical Atomic Spectrometry, 2008, 23, 402-406.	3.0	43
26	20 Platinum group elements and other trace elements in high altitude snow and ice. Developments in Earth Surface Processes, 2007, 10, 147-153.	2.8	1
27	Diurnal production of gaseous mercury in the alpine snowpack before snowmelt. Journal of Geophysical Research, 2007, 112, .	3.3	52
28	PAHs and Trace Elements in PM2.5 at the Venice Lagoon. Annali Di Chimica, 2007, 97, 343-358.	0.6	11
29	Atmospheric iron fluxes over the last deglaciation: Climatic implications. Geophysical Research Letters, 2006, 33, .	4.0	61
30	Direct Determination of Rare Earth Elements at the Subpicogram per Gram Level in Antarctic Ice by ICP-SFMS Using a Desolvation System. Analytical Chemistry, 2006, 78, 1883-1889.	6.5	53
31	A climatic control on the accretion of meteoric and super-chondritic iridiumâ€“platinum to the Antarctic ice cap. Earth and Planetary Science Letters, 2006, 250, 459-469.	4.4	32
32	Seasonal evolution of gas-phase PCB concentrations in the Venice Lagoon area. Chemosphere, 2006, 62, 449-458.	8.2	28
33	Snow-to-air exchanges of mercury in an Arctic seasonal snow pack in Ny-Ã…lesund, Svalbard. Atmospheric Environment, 2005, 39, 7633-7645.	4.1	85
34	Variations in atmospheric trace elements in Dome C (East Antarctica) ice over the last two climatic cycles. Atmospheric Environment, 2005, 39, 6420-6429.	4.1	64
35	Atmospheric PCB Concentrations at Terra Nova Bay, Antarctica. Environmental Science & Technology, 2005, 39, 9406-9411.	10.0	74
36	Meteoric smoke fallout over the Holocene epoch revealed by iridium and platinum in Greenland ice. Nature, 2004, 432, 1011-1014.	27.8	132

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37	Determination of polychlorobiphenyls and polycyclic aromatic hydrocarbons in the atmospheric aerosol of the Venice Lagoon. Analytical and Bioanalytical Chemistry, 2004, 378, 1806-1814.	3.7	44
38	Trace element determination in seawater by ICP-SFMS coupled with a microflow nebulization/desolvation system. Analytical and Bioanalytical Chemistry, 2004, 380, 258-268.	3.7	38
39	Atmospheric heavy metals in tropical South America during the past 22â€‰000 years recorded in a high altitude ice core from Sajama, Bolivia. Journal of Environmental Monitoring, 2004, 6, 322-326.	2.1	48
40	Temporal evolution of DMS and DMSP in Antarctic Coastal Sea water. International Journal of Environmental Analytical Chemistry, 2004, 84, 401-412.	3.3	13
41	Performance characteristics of a low volume spray chamber with a micro-flow nebulizer for ICP-MS. Journal of Analytical Atomic Spectrometry, 2004, 19, 286.	3.0	24
42	Post-17th-Century Changes of European Lead Emissions Recorded in High-Altitude Alpine Snow and Ice. Environmental Science & Technology, 2004, 38, 957-964.	10.0	99
43	Transport of Gas-Phase Polycyclic Aromatic Hydrocarbons to the Venice Lagoon. Environmental Science & Technology, 2004, 38, 5357-5364.	10.0	23
44	Historical Record of European Emissions of Heavy Metals to the Atmosphere Since the 1650s from Alpine Snow/Ice Cores Drilled near Monte Rosa. Environmental Science & Technology, 2004, 38, 4085-4090.	10.0	130
45	Elemental indicators of natural and anthropogenic aerosol inputs to Law Dome, Antarctica. Annals of Glaciology, 2004, 39, 169-174.	1.4	24
46	Seasonal variations of heavy metals in central Greenland snow deposited from 1991 to 1995. Journal of Environmental Monitoring, 2003, 5, 328-335.	2.1	59
47	Seasonal variations in nickel and vanadium in Mont Blanc snow and ice dated from the 1960s and 1990s. Journal of Environmental Monitoring, 2002, 4, 960-966.	2.1	16
48	Changes in heavy metals in Antarctic snow from Coats Land since the mid-19th to the late-20th century. Earth and Planetary Science Letters, 2002, 200, 207-222.	4.4	149
49	Short-term variations in the occurrence of heavy metals in Antarctic snow from Coats Land since the 1920s. Science of the Total Environment, 2002, 300, 129-142.	8.0	32
50	Inter-method comparison for the determination of antimony and arsenic in peat samples. Analytica Chimica Acta, 2002, 458, 387-396.	5.4	27
51	Greenland Snow Evidence of Large Scale Atmospheric Contamination for Platinum, Palladium, and Rhodium. Environmental Science & Technology, 2001, 35, 835-839.	10.0	290
52	Post-World War II Uranium Changes in Dated Mont Blanc Ice and Snow. Environmental Science & Technology, 2001, 35, 4026-4030.	10.0	30
53	Trace metals in Antarctic sea water. , 2001, , 107-154.		7
54	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. Analytica Chimica Acta, 2001, 450, 193-205.	5.4	65

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55	Heavy metals in ancient tropical ice: initial results. Atmospheric Environment, 2001, 35, 5809-5815.	4.1	25
56	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
57	A scientific framework for environmental monitoring in Antarctica. , 2001, , 33-53.		2
58	Benthic fluxes of cadmium, lead, copper and nitrogen species in the northern Adriatic Sea in front of the River Po outflow, Italy. Science of the Total Environment, 2000, 246, 121-137.	8.0	35
59	Trace element determination in a candidate reference material (Antarctic Krill) by ICP-sector field MS. Journal of Analytical Atomic Spectrometry, 2000, 15, 377-382.	3.0	20
60	A two hundred years record of atmospheric cadmium, copper and zinc concentrations in high altitude snow and ice from the French-Italian Alps. Geophysical Research Letters, 2000, 27, 249-252.	4.0	43
61	Trace element determination in alpine snow and ice by double focusing inductively coupled plasma mass spectrometry with microconcentric nebulization. Journal of Analytical Atomic Spectrometry, 1999, 14, 1433-1438.	3.0	67
62	Determination of Rh, Pd, and Pt in Polar and Alpine Snow and Ice by Double-Focusing ICPMS with Microconcentric Nebulization. Analytical Chemistry, 1999, 71, 4125-4133.	6.5	92
63	Cadmium, Lead and Copper Complexation in Antarctic Coastal Seawater. Evolution during the Austral Summer. International Journal of Environmental Analytical Chemistry, 1998, 71, 195-226.	3.3	30
64	Direct Determination of Heavy Metals at Picogram per Gram Levels in Greenland and Antarctic Snow by Double Focusing Inductively Coupled Plasma Mass Spectrometry. Journal of Analytical Atomic Spectrometry, 1997, 12, 925-931.	3.0	73
65	Analytical quality control: Sampling procedures to detect trace metals in environmental matrices. Mikrochimica Acta, 1996, 123, 129-136.	5.0	12
66	Chemometric Characterization and Classification of Five Venetian White Wines. Journal of Agricultural and Food Chemistry, 1994, 42, 1143-1153.	5.2	69
67	Electroanalysis and Chemometrics of Speciation of Natural Waters â€“ continued. Analytical Proceedings, 1991, 28, 72-81.	0.4	9
68	Aroma components as discriminating parameters in the chemometric classification of venetian white wines. Journal of the Science of Food and Agriculture, 1984, 35, 1004-1011.	3.5	31
69	Electrochemical determination of the contamination of sea water samples during storage and filtration. Science of the Total Environment, 1984, 37, 95-100.	8.0	5
70	Multiple discriminant analysis in the analytical differentiation of Venetian wines. 3. A reelaboration with addition of data from samples of 1979 vintage Prosecco wine. Journal of Agricultural and Food Chemistry, 1982, 30, 1135-1140.	5.2	30
71	Anodic stripping voltammetric determination of the contamination of seawater samples by cadmium, lead and copper during filtration and storage. Analytica Chimica Acta, 1982, 135, 263-276.	5.4	28
72	Photoelectrochemical effect of the anodic deposit obtained on platinum from selenocyanate ammoniate. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1981, 122, 393-394.	0.1	3

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73	Voltammetry in fused acetamide. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1978, 94, 153-155.	0.1	7
74	Voltammetric studies in (K,Na)SCN eutectic melt. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1975, 59, 155-161.	0.1	4
75	Potentiometric study of sulphide solutions in molten alkali thiocyanates. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1975, 59, 215-219.	0.1	0
76	Properties of anodic deposits in molten thiocyanates. Journal of the Chemical Society Chemical Communications, 1974, , 1020-1021.	2.0	4
77	Argentometric titration of halides in molten hydrated sodium acetate. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1973, 42, 139-145.	0.1	1
78	Solubility and electrochemical behaviour of water in molten alkali metal acetates. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1973, 47, 509-519.	0.1	5
79	Photoelectric effect of sulphur deposited from a thiocyanate melt onto a platinum electrode. Journal of the Chemical Society Chemical Communications, 1973, , 154-155.	2.0	5
80	Precipitation titrations of silver and iodide ions in molten ammonium sulphamate. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1971, 32, 13-20.	0.1	1
81	Potentiometric study of silver-sulphide reactions in molten alkali thiocyanates. Analytica Chimica Acta, 1971, 57, 224-227.	5.4	3
82	Use of a Pt microelectrode for the study of the gamma-radiolysis of aerated aqueous solutions of ferro- and ferricyanides. International Journal for Radiation Physics and Chemistry, 1969, 1, 387-393.	0.8	0
83	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. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1969, 23, 255-259.	0.1	7
84	Standard electrode potentials of Cd/Cd(II), In/In(III), Pb/Pb(II), T1/T1(I), Zn/Zn(II) in molten alkali acetates. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1969, 22, 215-219.	0.1	10