

Joan O Grimalt

List of Publications by Year in Descending Order

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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.

536
papers

25,849
citations

81
h-index

132
g-index

580
ext. papers

28,041
ext. citations

6.5
avg, IF

6.8
L-index

#	Paper	IF	Citations
536	Primary and secondary organic winter aerosols in Mediterranean cities under different mixing layer conditions (Barcelona and Granada).. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
535	A Children's Health Perspective on Nano- and Microplastics.. <i>Environmental Health Perspectives</i> , 2022 , 130, 15001	8.4	2
534	Influence of gestational weight gain on the organochlorine pollution content of breast milk.. <i>Environmental Research</i> , 2022 , 209, 112783	7.9	1
533	Exposure to metal mixture and growth indicators at 4-5 years. A study in the INMA-Asturias cohort. <i>Environmental Research</i> , 2022 , 204, 112375	7.9	0
532	Exposure to metals and metalloids among pregnant women from Spain: Levels and associated factors. <i>Chemosphere</i> , 2022 , 286, 131809	8.4	3
531	Field comparison of passive polyurethane foam and active air sampling techniques for analysis of gas-phase semi-volatile organic compounds at a remote high-mountain site. <i>Science of the Total Environment</i> , 2022 , 803, 149738	10.2	3
530	Monitoring temporal trends of dioxins, organochlorine pesticides and chlorinated paraffins in pooled serum samples collected from Northern Norwegian women: The MISA cohort study. <i>Environmental Research</i> , 2022 , 204, 111980	7.9	2
529	Seabird-mediated transport of organohalogen compounds to remote sites (North West Greenland polynya).. <i>Science of the Total Environment</i> , 2022 , 827, 154219	10.2	1
528	Changes and distribution of gas-phase polycyclic aromatic hydrocarbons and organochlorine compounds in a high-mountain gradient over a three-year period (Pyrenees, 2017-2020).. <i>Science of the Total Environment</i> , 2022 , 829, 154602	10.2	1
527	Pilot study on the concentrations of organochlorine compounds and potentially toxic elements in pregnant women and local food items from the Finnish Lapland.. <i>Environmental Research</i> , 2022 , 113122	7.9	0
526	Occurrence and temperature dependence of atmospheric gas-phase organophosphate esters in high-mountain areas (Pyrenees).. <i>Chemosphere</i> , 2021 , 292, 133467	8.4	3
525	Changes in Urban Gas-Phase Persistent Organic Pollutants During the COVID-19 Lockdown in Barcelona. <i>Frontiers in Environmental Science</i> , 2021 , 9,	4.8	4
524	Pilot study of exposure of the male population to organophosphate and pyrethroid pesticides in a region of high agricultural activity (Córdoba, Argentina). <i>Environmental Science and Pollution Research</i> , 2021 , 28, 53908-53916	5.1	2
523	Source Apportionment and Toxicity of PM in Urban, Sub-Urban, and Rural Air Quality Network Stations in Catalonia. <i>Atmosphere</i> , 2021 , 12, 744	2.7	3
522	Northern Hemisphere atmospheric pattern enhancing Eastern Mediterranean Transient-type events during the past 1000 years. <i>Climate of the Past</i> , 2021 , 17, 1523-1532	3.9	0
521	Qualitative and quantitative changes in traffic and waste incineration PCDD/Fs in urban air and soils under different seasonal conditions (Metropolitan Area of Barcelona). <i>Science of the Total Environment</i> , 2021 , 753, 142149	10.2	3
520	Impacts of Use and Abuse of Nature in Catalonia with Proposals for Sustainable Management. <i>Land</i> , 2021 , 10, 144	3.5	2

519	We need a global science-policy body on chemicals and waste. <i>Science</i> , 2021 , 371, 774-776	33.3	23
518	Atmospheric deposition of semivolatile organic pollutants in European high mountains: Sources, settling and chemical degradation. <i>Science of the Total Environment</i> , 2021 , 784, 147099	10.2	3
517	Meltwater flux from northern ice-sheets to the mediterranean during MIS 12. <i>Quaternary Science Reviews</i> , 2021 , 268, 107108	3.9	1
516	Non-occupational exposure to pesticides and health markers in general population in Northern Finland: Differences between sexes. <i>Environment International</i> , 2021 , 156, 106766	12.9	0
515	Spread of SARS-CoV-2 in hospital areas. <i>Environmental Research</i> , 2021 , 204, 112074	7.9	4
514	Organic Air Quality Markers of Indoor and Outdoor PM Aerosols in Primary Schools from Barcelona. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
513	Association between pre/perinatal exposure to POPs and children's anogenital distance at age 4 years: A study from the INMA-Asturias cohort. <i>International Journal of Hygiene and Environmental Health</i> , 2020 , 229, 113563	6.9	7
512	Biotransport of persistent organic pollutants in the southern Hemisphere by invasive Chinook salmon (<i>Oncorhynchus tshawytscha</i>) in the rivers of northern Chilean Patagonia, a UNESCO biosphere reserve. <i>Environment International</i> , 2020 , 142, 105803	12.9	2
511	Urinary cobalt and ferritin in four-years-old children. <i>Environmental Research</i> , 2020 , 183, 109147	7.9	2
510	Effects of flushing flows on the transport of mercury-polluted particulate matter from the Flix Reservoir to the Ebro Estuary. <i>Journal of Environmental Management</i> , 2020 , 260, 110028	7.9	2
509	Mother/child organophosphate and pyrethroid distributions. <i>Environment International</i> , 2020 , 134, 105264	6.9	9
508	Chemistry and sources of PM2.5 and volatile organic compounds breathed inside urban commuting and tourist buses. <i>Atmospheric Environment</i> , 2020 , 223, 117234	5.3	5
507	Organophosphate metabolite concentrations in maternal urine during pregnancy. <i>Environmental Research</i> , 2020 , 182, 109003	7.9	3
506	Changes of organochlorine compound concentrations in maternal serum during pregnancy and comparison to serum cord blood composition. <i>Environmental Research</i> , 2020 , 182, 108994	7.9	6
505	Combination of insolation and ice-sheet forcing drive enhanced humidity in northern subtropical regions during MIS 13. <i>Quaternary Science Reviews</i> , 2020 , 247, 106573	3.9	1
504	A new perspective of the Alboran Upwelling System reconstruction during the Marine Isotope Stage 11: A high-resolution coccolithophore record. <i>Quaternary Science Reviews</i> , 2020 , 245, 106520	3.9	5
503	Fast and slow components of interstadial warming in the North Atlantic during the last glacial. <i>Communications Earth & Environment</i> , 2020 , 1,	6.1	3
502	Source apportionment of urban PM in Barcelona during SAPUSS using organic and inorganic components. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 32114-32127	5.1	6

501	Drivers of maternal accumulation of organohalogen pollutants in Arctic areas (Chukotka, Russia) and 4,4'-DDT effects on the newborns. <i>Environment International</i> , 2019 , 124, 541-552	12.9	15
500	Urinary metabolites of organophosphate and pyrethroid pesticides in children from an Italian cohort (PHIME, Trieste). <i>Environmental Research</i> , 2019 , 176, 108508	7.9	10
499	Vehicle interior air quality conditions when travelling by taxi. <i>Environmental Research</i> , 2019 , 172, 529-542.	7.9	29
498	Influence of deep water formation by open-sea convection on the transport of low hydrophobicity organic pollutants in the NW Mediterranean Sea. <i>Science of the Total Environment</i> , 2019 , 647, 597-605	10.2	7
497	Prenatal exposure to organochlorine compounds and lung function during childhood. <i>Environment International</i> , 2019 , 131, 105049	12.9	5
496	Exposure to disinfection by-products in swimming pools and biomarkers of genotoxicity and respiratory damage - The PISCINA2 Study. <i>Environment International</i> , 2019 , 131, 104988	12.9	10
495	Mother-child transfer rates of organohalogen compounds up to four years of age. <i>Environment International</i> , 2019 , 133, 105241	12.9	4
494	Influence of electronic cigarette vaping on the composition of indoor organic pollutants, particles, and exhaled breath of bystanders. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 4654-4666	5.1	18
493	Atmospheric pattern of volatile organochlorine compounds and hexachlorobenzene in the surroundings of a chlor-alkali plant. <i>Science of the Total Environment</i> , 2018 , 628-629, 782-790	10.2	4
492	Biomarkers of exposure in environment-wide association studies - Opportunities to decode the exposome using human biomonitoring data. <i>Environmental Research</i> , 2018 , 164, 597-624	7.9	43
491	Drivers of the accumulation of mercury and organochlorine pollutants in Mediterranean lean fish and dietary significance. <i>Science of the Total Environment</i> , 2018 , 634, 170-180	10.2	14
490	Analysis of metabolites of organophosphate and pyrethroid pesticides in human urine from urban and agricultural populations (Catalonia and Galicia). <i>Science of the Total Environment</i> , 2018 , 622-623, 526-533	10.2	30
489	Prenatal exposure to endocrine disrupting chemicals and risk of being born small for gestational age: Pooled analysis of seven European birth cohorts. <i>Environment International</i> , 2018 , 115, 267-278	12.9	43
488	Climate-driven changes in sedimentation rate influence phosphorus burial along continental margins of the northwestern Mediterranean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018 , 500, 106-116	2.9	2
487	Particle-related exposure, dose and lung cancer risk of primary school children in two European countries. <i>Science of the Total Environment</i> , 2018 , 616-617, 720-729	10.2	37
486	Organic molecular tracers in atmospheric PM1 at urban intensive traffic and background sites in two high-insolation European cities. <i>Atmospheric Environment</i> , 2018 , 188, 71-81	5.3	10
485	Removal of bias in C alkenone-based sea surface temperature measurements by high-performance liquid chromatography fractionation. <i>Journal of Chromatography A</i> , 2018 , 1567, 90-98	4.5	3
484	Origin of polycyclic aromatic hydrocarbons and other organic pollutants in the air particles of subway stations in Barcelona. <i>Science of the Total Environment</i> , 2018 , 642, 148-154	10.2	9

483	Effects of exposure to water disinfection by-products in a swimming pool: A metabolome-wide association study. <i>Environment International</i> , 2018 , 111, 60-70	12.9	49
482	Blood transcriptional and microRNA responses to short-term exposure to disinfection by-products in a swimming pool. <i>Environment International</i> , 2018 , 110, 42-50	12.9	16
481	Drivers of atmospheric deposition of polycyclic aromatic hydrocarbons at European high-altitude sites. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 16081-16097	6.8	11
480	Traffic-Related Air Pollution, \bar{A} Status, and Neurodevelopmental Outcomes among School Children Enrolled in the BREATHE Project (Catalonia, Spain). <i>Environmental Health Perspectives</i> , 2018 , 126, 087001	8.4	33
479	Enhanced climate instability in the North Atlantic and southern Europe during the Last Interglacial. <i>Nature Communications</i> , 2018 , 9, 4235	17.4	58
478	Prenatal Exposure to Persistent Organic Pollutants and Anogenital Distance in Children at 18 Months. <i>Hormone Research in Paediatrics</i> , 2018 , 90, 116-122	3.3	16
477	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
476	Svalbard ice-sheet decay after the Last Glacial Maximum: New insights from micropalaeontological and organic biomarker paleoceanographical reconstructions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017 , 465, 225-236	2.9	16
475	First report on organochlorine pesticides in water in a highly productive agro-industrial basin of the Central Valley, Chile. <i>Chemosphere</i> , 2017 , 174, 148-156	8.4	29
474	Unexpected weak seasonal climate in the western Mediterranean region during MIS 31, a high-insolation forced interglacial. <i>Quaternary Science Reviews</i> , 2017 , 161, 1-17	3.9	12
473	Association between exposure to organochlorine compounds and maternal thyroid status: Role of the iodothyronine deiodinase 1 gene. <i>Environment International</i> , 2017 , 104, 83-90	12.9	13
472	Toxic potential of organic constituents of submicron particulate matter (PM1) in an urban road site (Barcelona). <i>Environmental Science and Pollution Research</i> , 2017 , 24, 15406-15415	5.1	9
471	Acute changes in serum immune markers due to swimming in a chlorinated pool. <i>Environment International</i> , 2017 , 105, 1-11	12.9	22
470	Integrated assessment of infant exposure to persistent organic pollutants and mercury via dietary intake in a central western Mediterranean site (Menorca Island). <i>Environmental Research</i> , 2017 , 156, 714-724	7.9	18
469	Mercury concentrations in lean fish from the Western Mediterranean Sea: Dietary exposure and risk assessment in the population of the Balearic Islands. <i>Environmental Research</i> , 2017 , 158, 16-23	7.9	29
468	Gene expression changes in blood RNA after swimming in a chlorinated pool. <i>Journal of Environmental Sciences</i> , 2017 , 58, 250-261	6.4	4
467	Effect of exposure to polycyclic aromatic hydrocarbons on basal ganglia and attention-deficit hyperactivity disorder symptoms in primary school children. <i>Environment International</i> , 2017 , 105, 12-19	12.9	70
466	Marine sedimentary lipidomics of the glacial-interglacial changes during the lower Pleistocene (SW Iberian Margin). <i>Environmental Science and Pollution Research</i> , 2017 , 24, 26605-26614	5.1	3

465	A 1-Ma record of sea surface temperature and extreme cooling events in the North Atlantic: A perspective from the Iberian Margin. <i>Quaternary Science Reviews</i> , 2017 , 172, 118-130	3.9	35
464	Comparative toxicity and endocrine disruption potential of urban and rural atmospheric organic PM in JEG-3 human placental cells. <i>Environmental Pollution</i> , 2017 , 230, 378-386	9.3	13
463	Influence of maternal and sociodemographic characteristics on the accumulation of organohalogen compounds in Argentinian women. The EMASAR study. <i>Environmental Research</i> , 2017 , 158, 759-767	7.9	15
462	Transfer of lipid molecules and polycyclic aromatic hydrocarbons to open marine waters by dense water cascading events. <i>Progress in Oceanography</i> , 2017 , 159, 178-194	3.8	4
461	Variations in serum concentrations of selected organochlorines among delivering women in Argentina. The EMASAR study. <i>Environmental Sciences: Processes and Impacts</i> , 2017 , 19, 1542-1553	4.3	4
460	Assessment of analytical methods to determine pyrethroids content of bednets. <i>Tropical Medicine and International Health</i> , 2017 , 22, 41-51	2.3	3
459	Source Apportionment of Inorganic and Organic PM in the Ambient Air around a Cement Plant: Assessment of Complementary Tools. <i>Aerosol and Air Quality Research</i> , 2017 , 16, 3230-3242	4.6	9
458	Musical Signification: A Systematic, Analytical and Pedagogical Approach. <i>Humanities - Arts and Humanities in Progress</i> , 2017 , 229-240	0.1	
457	Organochlorine compounds in European catfish (<i>Silurus glanis</i>) living in river areas under the influence of a chlor-alkali plant (Ebro River basin). <i>Science of the Total Environment</i> , 2016 , 540, 221-30	10.2	10
456	Mediterranean circulation perturbations over the last five centuries: Relevance to past Eastern Mediterranean Transient-type events. <i>Scientific Reports</i> , 2016 , 6, 29623	4.9	27
455	Influence of diet in the accumulation of organochlorine compounds in herons breeding in remote riverine environments. <i>Chemosphere</i> , 2016 , 145, 438-44	8.4	5
454	Size-distribution of airborne polycyclic aromatic hydrocarbons and other organic source markers in the surroundings of a cement plant powered with alternative fuels. <i>Science of the Total Environment</i> , 2016 , 550, 1057-1064	10.2	20
453	Anomalous SST warming during MIS 13 in the Gulf of Lions (northwestern Mediterranean Sea). <i>Organic Geochemistry</i> , 2016 , 92, 16-23	3.1	6
452	Evaluation of atmospheric inputs as possible sources of antimony in pregnant women from urban areas. <i>Science of the Total Environment</i> , 2016 , 544, 391-9	10.2	18
451	Reconstruction of organochlorine compound inputs in the Tagus Prodelta. <i>Science of the Total Environment</i> , 2016 , 540, 231-40	10.2	6
450	Organochlorine compounds in Purple Heron eggs (<i>Ardea purpurea</i>) nesting in sites located around a chlor-alkali plant (Ebro River). <i>Science of the Total Environment</i> , 2016 , 540, 211-20	10.2	6
449	Organochlorine Compounds and Ultrasound Measurements of Fetal Growth in the INMA Cohort (Spain). <i>Environmental Health Perspectives</i> , 2016 , 124, 157-63	8.4	30
448	Millennial-scale vegetation changes in the tropical Andes using ecological grouping and ordination methods. <i>Climate of the Past</i> , 2016 , 12, 697-711	3.9	8

447	Sea surface temperature variability in the central-western Mediterranean Sea during the last 2700 years: a multi-proxy and multi-record approach. <i>Climate of the Past</i> , 2016 , 12, 849-869	3.9	37
446	Secondary organic aerosol origin in an urban environment: influence of biogenic and fuel combustion precursors. <i>Faraday Discussions</i> , 2016 , 189, 337-59	3.6	33
445	The impact of ice-sheet dynamics in western Mediterranean environmental conditions during Terminations. An approach based on terrestrial long chain n-alkanes deposited in the upper slope of the Gulf of Lions. <i>Chemical Geology</i> , 2016 , 430, 21-33	4.2	10
444	Interglacials of the last 800,000 years. <i>Reviews of Geophysics</i> , 2016 , 54, 162-219	23.1	243
443	Environmental and personal determinants of the uptake of disinfection by-products during swimming. <i>Environmental Research</i> , 2016 , 149, 206-215	7.9	32
442	Detection and simulation of wildfire smoke impacting a Mediterranean urban atmosphere. <i>Atmospheric Pollution Research</i> , 2016 , 7, 494-502	4.5	7
441	A rapid method for the analysis of methyl dihydrojasmonate and galaxolide in indoor and outdoor air particulate matter. <i>Journal of Chromatography A</i> , 2016 , 1447, 135-40	4.5	10
440	Dietary and Household Sources of Prenatal Exposure to Polybrominated Diphenyl Ethers (PBDEs) in the INMA Birth Cohort (Spain). <i>Environmental Science & Technology</i> , 2016 , 50, 5935-44	10.3	20
439	A rapid method for the chromatographic analysis of volatile organic compounds in exhaled breath of tobacco cigarette and electronic cigarette smokers. <i>Journal of Chromatography A</i> , 2015 , 1410, 51-9	4.5	67
438	Enantiomeric fraction and isomeric composition to assess sources of DDT residues in soils. <i>Chemosphere</i> , 2015 , 138, 40-6	8.4	27
437	The Pregnancy Exposome: Multiple Environmental Exposures in the INMA-Sabadell Birth Cohort. <i>Environmental Science & Technology</i> , 2015 , 49, 10632-41	10.3	66
436	Particle sources and downward fluxes in the eastern Fram strait under the influence of the west Spitsbergen current. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015 , 103, 49-63	2.5	15
435	Influence of physical activity in the intake of trihalomethanes in indoor swimming pools. <i>Environmental Research</i> , 2015 , 140, 292-9	7.9	16
434	Differential embryotoxicity of the organic pollutants in rural and urban air particles. <i>Environmental Pollution</i> , 2015 , 206, 535-42	9.3	28
433	Prenatal Exposure to Polybrominated Flame Retardants and Fetal Growth in the INMA Cohort (Spain). <i>Environmental Science & Technology</i> , 2015 , 49, 10108-16	10.3	36
432	Transfer of perfluoroalkyl substances from mother to fetus in a Spanish birth cohort. <i>Environmental Research</i> , 2015 , 142, 471-8	7.9	74
431	Coccolithophore productivity and surface water dynamics in the Alboran Sea during the last 25kyr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015 , 418, 126-140	2.9	31
430	Interdependence between urinary cobalt concentrations and hemoglobin levels in pregnant women. <i>Environmental Research</i> , 2015 , 136, 148-54	7.9	18

429	Temporal trends in concentrations and total serum burdens of organochlorine compounds from birth until adolescence and the role of breastfeeding. <i>Environment International</i> , 2015 , 74, 144-51	12.9	17
428	Prenatal exposure to PCB-153, p,p'-DDE and birth outcomes in 9000 mother-child pairs: exposure-response relationship and effect modifiers. <i>Environment International</i> , 2015 , 74, 23-31	12.9	72
427	The response of SST to insolation and ice sheet variability from MIS 3 to MIS 11 in the northwestern Mediterranean Sea (Gulf of Lions). <i>Geophysical Research Letters</i> , 2015 , 42, 10,366	4.9	15
426	Background fish feminization effects in European remote sites. <i>Scientific Reports</i> , 2015 , 5, 11292	4.9	16
425	A reference time scale for Site U1385 (Shackleton Site) on the SW Iberian Margin. <i>Global and Planetary Change</i> , 2015 , 133, 49-64	4.2	67
424	Particle size-resolved source apportionment of primary and secondary organic tracer compounds at urban and rural locations in Spain. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 7735-7752	6.8	29
423	Increasing and decreasing trends of the atmospheric deposition of organochlorine compounds in European remote areas during the last decade. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 6069-6085	6.8	12
422	Extraction of climatic signals from fossil organic compounds in marine sediments up to 11.7 Ma old (IODP-U1318). <i>Analytica Chimica Acta</i> , 2015 , 879, 1-9	6.6	5
421	Broad spectrum analysis of polar and apolar organic compounds in submicron atmospheric particles. <i>Journal of Chromatography A</i> , 2015 , 1404, 28-38	4.5	21
420	Brown and brook trout populations in the Tatra Mountain lakes (Slovakia, Poland) and contamination by long-range transported pollutants. <i>Biologia (Poland)</i> , 2015 , 70, 516-529	1.5	3
419	Atmospheric patterns driving Holocene productivity in the Alboran Sea (Western Mediterranean): A multiproxy approach. <i>Holocene</i> , 2015 , 25, 583-595	2.6	24
418	Parallelisms between sea surface temperature changes in the western tropical Atlantic (Guiana Basin) and high latitude climate signals over the last 140 000 years. <i>Climate of the Past</i> , 2015 , 11, 1297-1311	3.9	13
417	Food sources of arsenic in pregnant Mediterranean women with high urine concentrations of this metalloid. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 11689-98	5.1	10
416	Seasonal and spatial variation of organic tracers for biomass burning in PM1 aerosols from highly insolated urban areas. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 11661-70	5.1	22
415	Toxic assessment of urban atmospheric particle-bound PAHs: relevance of composition and particle size in Barcelona (Spain). <i>Environmental Pollution</i> , 2014 , 184, 555-62	9.3	55
414	Land-ocean changes on orbital and millennial time scales and the penultimate glaciation. <i>Geology</i> , 2014 , 42, 183-186	5	51
413	Persistent organic pollutant accumulation in seasonal snow along an altitudinal gradient in the Tyrolean Alps. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 12638-50	5.1	16
412	Similarities and dissimilarities between the last two deglaciations and interglaciations in the North Atlantic region. <i>Quaternary Science Reviews</i> , 2014 , 99, 122-134	3.9	139

411	Assessment of exposure to trace metals in a cohort of pregnant women from an urban center by urine analysis in the first and third trimesters of pregnancy. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 9234-41	5.1	52
410	Massive accumulation of highly polluted sedimentary deposits by river damming. <i>Science of the Total Environment</i> , 2014 , 497-498, 369-381	10.2	35
409	Transport of persistent organic pollutants across the human placenta. <i>Environment International</i> , 2014 , 65, 107-15	12.9	150
408	Impacts of atmospheric chlor-alkali factory emissions in surrounding populations. <i>Environment International</i> , 2014 , 65, 1-8	12.9	11
407	Prenatal exposure to hexachlorobenzene (HCB) and reproductive effects in a multicentre birth cohort in Spain. <i>Science of the Total Environment</i> , 2014 , 466-467, 770-6	10.2	14
406	Analysis of hepatic deiodinase 2 mRNA levels in natural fish lake populations exposed to different levels of putative thyroid disrupters. <i>Environmental Pollution</i> , 2014 , 187, 210-3	9.3	7
405	Polycyclic aromatic hydrocarbons in pine needles (<i>Pinus halepensis</i>) along a spatial gradient between a traffic intensive urban area (Barcelona) and a nearby natural park. <i>Atmospheric Pollution Research</i> , 2014 , 5, 398-403	4.5	15
404	Atmospheric deposition of polybromodiphenyl ethers in remote mountain regions of Europe. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 4441-4457	6.8	20
403	Sensitivity of a Remote Alpine System to the Stockholm and LRTAP Regulations in POP Emissions. <i>Atmosphere</i> , 2014 , 5, 198-210	2.7	6
402	Effects on pregnancy and breastfeeding on DDT residues warrant further attention. <i>Chemosphere</i> , 2014 , 114, 348	8.4	
401	Gestational weight gain and exposure of newborns to persistent organic pollutants. <i>Environmental Health Perspectives</i> , 2014 , 122, 873-9	8.4	34
400	Prenatal exposure to persistent organic pollutants and rapid weight gain and overweight in infancy. <i>Obesity</i> , 2014 , 22, 488-96	8	72
399	Influence of prenatal exposure to environmental pollutants on human cord blood levels of glutamate. <i>NeuroToxicology</i> , 2014 , 40, 102-10	4.4	10
398	Exposure to metals during pregnancy and neuropsychological development at the age of 4 years. <i>NeuroToxicology</i> , 2014 , 40, 16-22	4.4	48
397	On the origin of water-soluble organic tracer compounds in fine aerosols in two cities: the case of Los Angeles and Barcelona. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 11649-60	5.1	6
396	Spatial distribution of polychlorinated biphenyls in High Tatras lake sediments. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 6594-600	5.1	6
395	Population characteristics of young African women influencing prenatal exposure to DDT (Manhiã, Mozambique). <i>Environmental Science and Pollution Research</i> , 2013 , 20, 3472-9	5.1	8
394	<i>Candida tropicalis</i> antifungal cross-resistance is related to different azole target (Erg11p) modifications. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 4769-81	5.9	70

393	Distribution of organochlorine compounds in superficial sediments from the Gulf of Lion, northwestern Mediterranean Sea. <i>Progress in Oceanography</i> , 2013 , 118, 235-248	3.8	22
392	An evaluation of mass, number concentration, chemical composition and types of particles in a cafeteria before and after the passage of an antismoking law. <i>Particuology</i> , 2013 , 11, 527-532	2.8	8
391	Influence of socio-demographic and diet determinants on the levels of mercury in preschool children from a Mediterranean island. <i>Environmental Pollution</i> , 2013 , 182, 291-8	9.3	14
390	Associations between blood persistent organic pollutants and 25-hydroxyvitamin D3 in pregnancy. <i>Environment International</i> , 2013 , 57-58, 34-41	12.9	20
389	Developmental effects of aerosols and coal burning particles in zebrafish embryos. <i>Environmental Pollution</i> , 2013 , 178, 72-9	9.3	16
388	Inverse age-dependent accumulation of decabromodiphenyl ether and other PBDEs in serum from a general adult population. <i>Environment International</i> , 2013 , 54, 119-27	12.9	31
387	Estimated strength of the Atlantic overturning circulation during the last deglaciation. <i>Nature Geoscience</i> , 2013 , 6, 208-212	18.3	76
386	Mountain Waters as Witnesses of Global Pollution 2013 , 31-67		2
385	Evaluating the neurotoxic effects of lactational exposure to persistent organic pollutants (POPs) in Spanish children. <i>NeuroToxicology</i> , 2013 , 34, 9-15	4.4	48
384	Presenting SAPUSS: Solving Aerosol Problem by Using Synergistic Strategies in Barcelona, Spain. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 8991-9019	6.8	22
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4	Source apportionment of submicron organic aerosol at an urban background and a road site in Barcelona, Spain		1
3	Particle sized-resolved source apportionment of primary and secondary organic tracer compounds at urban and rural locations in Spain		5
2	Rapid millennial-scale vegetation changes in the tropical Andes		3
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