

Roberto Bono

List of Publications by Year in descending order

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137
papers

3,631
citations

136885

32
h-index

155592

55
g-index

138
all docs

138
docs citations

138
times ranked

5558
citing authors

#	ARTICLE	IF	CITATIONS
1	Exposure to substances in the workplace and new-onset asthma: an international prospective population-based study (ECRHS-II). <i>Lancet, The</i> , 2007, 370, 336-341.	6.3	359
2	Adult lung function and long-term air pollution exposure. ESCAPE: a multicentre cohort study and meta-analysis. <i>European Respiratory Journal</i> , 2015, 45, 38-50.	3.1	297
3	Ambient Air Pollution and Adult Asthma Incidence in Six European Cohorts (ESCAPE). <i>Environmental Health Perspectives</i> , 2015, 123, 613-621.	2.8	197
4	Incidence and remission of asthma: A retrospective study on the natural history of asthma in Italy. <i>Journal of Allergy and Clinical Immunology</i> , 2002, 110, 228-235.	1.5	174
5	The impact of climate and traffic-related NO ₂ on the prevalence of asthma and allergic rhinitis in Italy. <i>Clinical and Experimental Allergy</i> , 2002, 32, 1405-1412.	1.4	103
6	A three-generation study on the association of tobacco smoking with asthma. <i>International Journal of Epidemiology</i> , 2018, 47, 1106-1117.	0.9	92
7	Elemental composition and reflectance of ambient fine particles at 21 European locations. <i>Atmospheric Environment</i> , 2005, 39, 5947-5958.	1.9	89
8	Influence of residential land cover on childhood allergic and respiratory symptoms and diseases: Evidence from 9 European cohorts. <i>Environmental Research</i> , 2020, 183, 108953.	3.7	75
9	The role of climate on the geographic variability of asthma, allergic rhinitis and respiratory symptoms: results from the Italian study of asthma in young adults. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2004, 59, 306-314.	2.7	73
10	Chronic cough and phlegm in young adults. <i>European Respiratory Journal</i> , 2003, 22, 413-417.	3.1	66
11	PM _{2.5} and NO ₂ assessment in 21 European study centres of ECRHS II: annual means and seasonal differences. <i>Atmospheric Environment</i> , 2004, 38, 1943-1953.	1.9	62
12	Malondialdehyde ² Deoxyguanosine Adduct Formation in Workers of Pathology Wards: The Role of Air Formaldehyde Exposure. <i>Chemical Research in Toxicology</i> , 2010, 23, 1342-1348.	1.7	62
13	Leisure-time vigorous physical activity is associated with better lung function: the prospective ECRHS study. <i>Thorax</i> , 2018, 73, 376-384.	2.7	58
14	The mutagenic hazards of environmental PM _{2.5} in Turin. <i>Environmental Research</i> , 2007, 103, 168-175.	3.7	57
15	Mutagenic properties of PM _{2.5} urban pollution in the Northern Italy: The nitro-compounds contribution. <i>Environment International</i> , 2009, 35, 905-910.	4.8	56
16	Domestic use of hypochlorite bleach, atopic sensitization, and respiratory symptoms in adults. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 731-738.e1.	1.5	55
17	Occupational exposure to formaldehyde and biological monitoring of Research Institute workers. <i>Cancer Detection and Prevention</i> , 2008, 32, 121-126.	2.1	54
18	Ambient Air Levels and Occupational Exposure to Benzene, Toluene, and Xylenes in Northwestern Italy. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2003, 66, 519-531.	1.1	52

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19	Socioeconomic position and outdoor nitrogen dioxide (NO ₂) exposure in Western Europe: A multi-city analysis. <i>Environment International</i> , 2017, 101, 117-124.	4.8	49
20	Changes in IgE sensitization and total IgE levels over 20 years of follow-up. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1788-1795.e9.	1.5	48
21	An international prospective general population-based study of respiratory work disability. <i>Thorax</i> , 2009, 64, 339-344.	2.7	46
22	Time and age trends in smoking cessation in Europe. <i>PLoS ONE</i> , 2019, 14, e0211976.	1.1	46
23	Updating about Reductions of Air and Blood Lead Concentrations in Turin, Italy, Following Reductions in the Lead Content of Gasoline. <i>Environmental Research</i> , 1995, 70, 30-34.	3.7	45
24	Air pollution, aeroallergens and admissions to pediatric emergency room for respiratory reasons in Turin, northwestern Italy. <i>BMC Public Health</i> , 2016, 16, 722.	1.2	44
25	Joint effect of obesity and TNFA variability on asthma: two international cohort studies. <i>European Respiratory Journal</i> , 2009, 33, 1003-1009.	3.1	43
26	Long-term air pollution exposure is associated with increased severity of rhinitis in 2 European cohorts. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 834-842.e6.	1.5	43
27	Greenness Availability and Respiratory Health in a Population of Urbanised Children in North-Western Italy. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 108.	1.2	38
28	The gender, age and risk factor distribution differs in self-reported allergic and non-allergic rhinitis: a cross-sectional population-based study. <i>Allergy, Asthma and Clinical Immunology</i> , 2015, 11, 36.	0.9	34
29	Urban air and tobacco smoke as conditions that increase the risk of oxidative stress and respiratory response in youth. <i>Environmental Research</i> , 2015, 137, 141-146.	3.7	34
30	Association between air pollution and rhinitis incidence in two European cohorts. <i>Environment International</i> , 2018, 115, 257-266.	4.8	34
31	Involuntary Exposure to Tobacco Smoke in Adolescents: Urinary Cotinine and Environmental Factors. <i>Archives of Environmental Health</i> , 1996, 51, 127-131.	0.4	33
32	Combined analysis of chromosomal aberrations and glutathione S-transferase M1 and T1 polymorphisms in pathologists occupationally exposed to formaldehyde. <i>Archives of Toxicology</i> , 2011, 85, 1295-1302.	1.9	33
33	15-F _{2t} isoprostane as biomarker of oxidative stress induced by tobacco smoke and occupational exposure to formaldehyde in workers of plastic laminates. <i>Science of the Total Environment</i> , 2013, 442, 20-25.	3.9	32
34	Impact of xanthohumol (a prenylated flavonoid from hops) on DNA stability and other health-related biochemical parameters: Results of human intervention trials. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 773-786.	1.5	32
35	Lung function changes from childhood to adolescence: a seven-year follow-up study. <i>BMC Pulmonary Medicine</i> , 2015, 15, 31.	0.8	31
36	Asthmatics and ex-smokers respond early, heavy smokers respond late to mailed surveys in Italy. <i>Respiratory Medicine</i> , 2010, 104, 172-179.	1.3	29

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37	Biomarkers of Oxidative Stress and Inflammation in Chronic Airway Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4339.	1.8	29
38	The Role of Socioeconomic Status in the Association of Lung Function and Air Pollution—A Pooled Analysis of Three Adult ESCAPE Cohorts. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1901.	1.2	28
39	Formation of N-(2-Hydroxyethyl)valine Due to Exposure to Ethylene Oxide via Tobacco Smoke: A Risk Factor for Onset of Cancer. <i>Environmental Research</i> , 1999, 81, 62-71.	3.7	27
40	Second-hand smoke exposure in adulthood and lower respiratory health during 20-year follow up in the European Community Respiratory Health Survey. <i>Respiratory Research</i> , 2019, 20, 33.	1.4	27
41	Pollen concentrations and prevalence of asthma and allergic rhinitis in Italy: Evidence from the GEIRD study. <i>Science of the Total Environment</i> , 2017, 584-585, 1093-1099.	3.9	26
42	Prevalence of asthma-like symptoms with ageing. <i>Thorax</i> , 2018, 73, 37-48.	2.7	26
43	Oxidative stress in adolescent passive smokers living in urban and rural environments. <i>International Journal of Hygiene and Environmental Health</i> , 2014, 217, 287-293.	2.1	25
44	Body silhouettes as a tool to reflect obesity in the past. <i>PLoS ONE</i> , 2018, 13, e0195697.	1.1	25
45	Benzene, toluene and xylenes in air, geographical distribution in the Piedmont region (Italy) and personal exposure. <i>Science of the Total Environment</i> , 1994, 148, 49-56.	3.9	24
46	Diverging trends of chronic bronchitis and smoking habits between 1998 and 2010. <i>Respiratory Research</i> , 2013, 14, 16.	1.4	24
47	Volatile Halogenated Hydrocarbons in Urban Atmosphere and in Human Blood. <i>Archives of Environmental Health</i> , 1990, 45, 101-106.	0.4	23
48	Mutagenic properties of PM2.5 air pollution in the Padana Plain (Italy) before and in the course of XX Winter Olympic Games of “Torino 2006”. <i>Environment International</i> , 2008, 34, 966-970.	4.8	23
49	Benzene and formaldehyde in air of two winter Olympic venues of “Torino 2006”. <i>Environment International</i> , 2010, 36, 269-275.	4.8	23
50	Formaldehyde and tobacco smoke as alkylating agents: The formation of N-methylvaline in pathologists and in plastic laminate workers. <i>Science of the Total Environment</i> , 2012, 414, 701-707.	3.9	23
51	Formaldehyde-induced toxicity in the nasal epithelia of workers of a plastic laminate plant. <i>Toxicology Research</i> , 2016, 5, 752-760.	0.9	23
52	Cotinine and N-(2-hydroxyethyl)valine as markers of passive exposure to tobacco smoke in children. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2005, 15, 66-73.	1.8	21
53	High-pressure liquid chromatographic–mass spectrometric determination of sorbic acid in urine: Verification of formation of trans,trans-muconic acid. <i>Chemico-Biological Interactions</i> , 2005, 153-154, 243-246.	1.7	21
54	The impact of asthma, chronic bronchitis and allergic rhinitis on all-cause hospitalizations and limitations in daily activities: a population-based observational study. <i>BMC Pulmonary Medicine</i> , 2015, 15, 10.	0.8	21

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55	Urban air quality and carboxyhemoglobin levels in a group of traffic policemen. <i>Science of the Total Environment</i> , 2007, 376, 109-115.	3.9	20
56	Determinants of fractional exhaled nitric oxide in healthy men and women from the European Community Respiratory Health Survey III. <i>Clinical and Experimental Allergy</i> , 2019, 49, 969-979.	1.4	19
57	Urban air and tobacco smoke in benzene exposure in a cohort of traffic policemen. <i>Chemico-Biological Interactions</i> , 2005, 153-154, 239-242.	1.7	18
58	Socioeconomic inequalities in smoking habits are still increasing in Italy. <i>BMC Public Health</i> , 2014, 14, 879.	1.2	18
59	Bisphenol A, Tobacco Smoke, and Age as Predictors of Oxidative Stress in Children and Adolescents. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2025.	1.2	18
60	Long-term effect of asthma on the development of obesity among adults: an international cohort study, ECRHS. <i>Thorax</i> , 2023, 78, 128-135.	2.7	18
61	Dietary fats, olive oil and respiratory diseases in Italian adults: A population-based study. <i>Clinical and Experimental Allergy</i> , 2019, 49, 799-807.	1.4	17
62	Occupational exposures and incidence of chronic bronchitis and related symptoms over two decades: the European Community Respiratory Health Survey. <i>Occupational and Environmental Medicine</i> , 2019, 76, oemed-2018-105274.	1.3	17
63	Excretion of mutagens, nicotine and its metabolites in urine of cigarette smokers. <i>Mutagenesis</i> , 1996, 11, 207-211.	1.0	16
64	The Lagrange Street story: the prevention of aromatics air pollution during the last nine years in a European city. <i>Atmospheric Environment</i> , 2001, 35, 107-113.	1.9	16
65	Artificial Turf Football Fields: Environmental and Mutagenicity Assessment. <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 64, 1-11.	2.1	16
66	Towards a formalin-free hospital. Levels of 15-F ₂ t-isoprostane and malondialdehyde to monitor exposure to formaldehyde in nurses from operating theatres. <i>Toxicology Research</i> , 2016, 5, 1122-1129.	0.9	16
67	Tobacco Smoke and Formation of N ^ε -(2-Hydroxyethyl)Valine in Human Hemoglobin. <i>Archives of Environmental Health</i> , 2002, 57, 416-421.	0.4	15
68	Lack of association of NQO1 and GSTP1 polymorphisms with multiple myeloma risk. <i>Leukemia Research</i> , 2008, 32, 988-990.	0.4	15
69	Smoking and New-Onset Asthma in a Prospective Study on Italian Adults. <i>International Archives of Allergy and Immunology</i> , 2016, 170, 149-157.	0.9	15
70	Residential air pollution does not modify the positive association between physical activity and lung function in current smokers in the ECRHS study. <i>Environment International</i> , 2018, 120, 364-372.	4.8	15
71	Effects of smoking bans on passive smoking exposure at work and at home. The European Community respiratory health survey. <i>Indoor Air</i> , 2019, 29, 670-679.	2.0	15
72	The Asti Study: The Induction of Oxidative Stress in A Population of Children According to Their Body Composition and Passive Tobacco Smoking Exposure. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 490.	1.2	15

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73	N-Methylvaline in a group of subjects occupationally exposed to formaldehyde. <i>Toxicology Letters</i> , 2006, 161, 10-17.	0.4	14
74	Cumulative Occupational Exposures and Lung-Function Decline in Two Large General-Population Cohorts. <i>Annals of the American Thoracic Society</i> , 2021, 18, 238-246.	1.5	14
75	Geomatics and epidemiology: Associating oxidative stress and greenness in urban areas. <i>Environmental Research</i> , 2021, 197, 110999.	3.7	12
76	Multisite greenness exposure and oxidative stress in children. The potential mediating role of physical activity. <i>Environmental Research</i> , 2022, 209, 112857.	3.7	12
77	Tobacco Smoke Exposure, Urban and Environmental Factors as Respiratory Disease Predictors in Italian Adolescents. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4048.	1.2	11
78	Use of leaded gasoline and volatile halogenated hydrocarbon emission from automotive exhaust. <i>Science of the Total Environment</i> , 1989, 79, 281-286.	3.9	10
79	Oxidative DNA damage and formalin-fixation procedures. <i>Toxicology Research</i> , 2014, 3, 341-349.	0.9	9
80	Wood dust and urinary 15-F2t isoprostane in Italian industry workers. <i>Environmental Research</i> , 2019, 173, 300-305.	3.7	9
81	Dietary flavonoids and respiratory diseases: a population-based multi-case-control study in Italian adults. <i>Public Health Nutrition</i> , 2020, 23, 2548-2556.	1.1	9
82	A predictive model for the home outdoor exposure to nitrogen dioxide. <i>Science of the Total Environment</i> , 2007, 384, 163-170.	3.9	8
83	Oxidative stress induction in woodworkers occupationally exposed to wood dust and formaldehyde. <i>Journal of Occupational Medicine and Toxicology</i> , 2021, 16, 4.	0.9	8
84	Gastritis and gastroesophageal reflux disease are strongly associated with non-allergic nasal disorders. <i>BMC Pulmonary Medicine</i> , 2021, 21, 53.	0.8	8
85	An overview of atmospheric pollution in Italy before the use of new gasoline. <i>Science of the Total Environment</i> , 1990, 93, 51-56.	3.9	7
86	Geographical distribution of benzene in air in northwestern Italy and personal exposure.. <i>Environmental Health Perspectives</i> , 1996, 104, 1137-1140.	2.8	7
87	A Biomonitoring Pilot Study in Workers from a Paints Production Plant Exposed to Pigment-Grade Titanium Dioxide (TiO2). <i>Toxics</i> , 2022, 10, 171.	1.6	7
88	Geographical and temporal patterns of air-borne and personal 1,1,1-trichloroethane exposure in Piedmont Region (Italy). <i>Science of the Total Environment</i> , 1992, 116, 261-268.	3.9	6
89	Tobacco Smoke Habits in a Group of Adolescents: Responsibility of the Cohabitants in the Active and Passive Exposure. <i>Environmental Research</i> , 1997, 75, 95-99.	3.7	6
90	Formaldehyde and acetaldehyde air contamination. A two years study before the introduction of new gasoline in Italy. <i>Toxicological and Environmental Chemistry</i> , 1991, 33, 219-229.	0.6	5

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91	The Heterogeneity Hidden in Allergic Rhinitis and Its Impact on Co-Existing Asthma in Adults: A Population-Based Survey. <i>International Archives of Allergy and Immunology</i> , 2015, 168, 205-212.	0.9	5
92	Absolute lymphocyte count is unrelated to overall survival in newly diagnosed elderly patients with multiple myeloma treated with immunomodulatory drugs. <i>Leukemia and Lymphoma</i> , 2015, 56, 1507-1509.	0.6	5
93	Formaldehyde, Oxidative Stress, and FeNO in Traffic Police Officers Working in Two Cities of Northern Italy. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1655.	1.2	5
94	The role of phase I, phase II, and DNA-repair gene polymorphisms in the damage induced by formaldehyde in pathologists. <i>Scientific Reports</i> , 2021, 11, 10507.	1.6	5
95	Environmental tobacco smoke and urinary cotinine in a group of adolescents. <i>Journal of Environmental Science and Health Part A: Environmental Science and Engineering</i> , 1994, 29, 1439-1449.	0.1	4
96	Non-Invasive Measurement of Exercise-Induced Oxidative Stress in Response to Physical Activity. A Systematic Review and Meta-Analysis. <i>Antioxidants</i> , 2021, 10, 2008.	2.2	4
97	Air pollution and health: A descriptive study among populations of the urban area of Turin. <i>Atmospheric Environment</i> , 1988, 22, 193-194.	1.1	3
98	Geographical Distribution of Benzene in Air in Northwestern Italy and Personal Exposure. <i>Environmental Health Perspectives</i> , 1996, 104, 1137.	2.8	3
99	Bisphenol A and S in the Urine of Newborns: Plastic for Non-Food Use Still without Rules. <i>Biology</i> , 2021, 10, 188.	1.3	3
100	Greenness and physical activity as possible oxidative stress modulators in children. <i>European Journal of Public Health</i> , 2020, 30, .	0.1	2
101	The association between gastritis/gastroesophageal reflux and rhinitis/rhinosinusitis. , 2016, , .		2
102	Body mass index trajectories during adult life and lung function decline. , 2018, , .		2
103	The formation of SCEs as an effect of occupational exposure to formaldehyde. <i>Archives of Toxicology</i> , 2022, 96, 1101-1108.	1.9	2
104	Relationship between atmospheric lead concentration and blood lead level in Turin (Italy). <i>Journal of Trace Elements and Electrolytes in Health and Disease</i> , 1988, 2, 91-5.	0.2	2
105	The Association between Greenness and Urbanization Level with Weight Status among Adolescents: New Evidence from the HBSC 2018 Italian Survey. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5897.	1.2	2
106	Variation of the Pb206/207 isotopic ratio in the atmospheric particulate and its environmental and biological implications. <i>Toxicological and Environmental Chemistry</i> , 1989, 24, 49-56.	0.6	1
107	VHH Atmospheric concentration in urban/rural areas and biological monitoring. <i>Toxicological and Environmental Chemistry</i> , 1991, 31, 39-48.	0.6	1
108	THE EXPOSURE OF TRAFFIC POLICEMEN TO URBAN AIR POLLUTANTS AND TOBACCO SMOKE. AN EPIDEMIOLOGICAL ANALYSIS OF SOME AIR AND BIOLOGICAL MARKERS. <i>Epidemiology</i> , 2004, 15, S211.	1.2	1

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109	HUMAN EXPOSURE TO BENZENE: THE ROLE OF URBAN AIR POLLUTION AND TOBACCO SMOKE IN A COHORT OF TRAFFIC POLICEMEN. <i>Epidemiology</i> , 2004, 15, S65.	1.2	1
110	Formaldehyde in Hospitals Induces Oxidative Stress: The Role of GSTT1 and GSTM1 Polymorphisms. <i>Toxics</i> , 2021, 9, 178.	1.6	1
111	Effects of tobacco smoke exposure on lung growth in adolescents. <i>Journal of Exposure Analysis and Environmental Epidemiology</i> , 1998, 8, 335-45.	0.2	1
112	The Quality of Life and the Bio-Molecular Profile in Working Environment: A Systematic Review. <i>Sustainability</i> , 2022, 14, 8100.	1.6	1
113	Indoor/Outdoor Pollution Ratio in Urban and Rural Areas (Related to Some Chemicals). , 1990, , 115-118.		0
114	PM 2.5 ENVIRONMENTAL LEVELS AND MUTAGENIC PROPERTIES IN AN EUROPEAN CITY. <i>Epidemiology</i> , 2004, 15, S209.	1.2	0
115	Greater Risk of Asthma and Allergic Rhinitis, But Not Eczema, Associated with Living Close to Green Space in European Children. <i>The Heals Project.</i> , 2020, , .		0
116	Cytogenetic effects among workers exposed to formaldehyde. The possible role of some polymorphisms. <i>European Journal of Public Health</i> , 2020, 30, .	0.1	0
117	15-F2t-Isoprostane during the lifespan: from children to middle age. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
118	Asthma-like symptoms and oxidative stress in adults from the GEIRD Cohort. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
119	Oxidative stress and inflammation on neonatal outcomes. The role of smoke, traffic exposure and BMI. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
120	Isoprostanes as Biomarkers of Disease and Early Biological Effect. , 2014, , 1-18.		0
121	Isoprostanes as Biomarkers of Disease and Early Biological Effect. <i>Biomarkers in Disease</i> , 2015, , 383-404.	0.0	0
122	Alcohol intake, cigarette smoking and respiratory health in the general population. , 2015, , .		0
123	Biomarkers of oxidative stress in chronic respiratory diseases. , 2015, , .		0
124	Total dietary antioxidant capacity is associated with lung function volumes in women. , 2015, , .		0
125	Dietary fat in respiratory diseases: A multi-case control study. , 2016, , .		0
126	White blood cells, FeNO, glutathione, 8-oxodG and 8-isoprostane in respiratory diseases. , 2016, , .		0

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127	Long-term physical activity pattern and lung function in European adults. , 2016, , .		0
128	Any correlation between the results of skin-prick test and the severity of asthma?. , 2017, , .		0
129	Temporal trends in smoking cessation in Europe from 1980 to 2010. , 2017, , .		0
130	Impact of environmental exposure on respiratory tract in school children. , 2017, , .		0
131	Occupational and environmental acute inhalation accidents and respiratory outcomes in a large case control-study. , 2017, , .		0
132	Residential PM2.5 and greenness may modify the effect of physical activity on lung function. , 2017, , .		0
133	Late Breaking Abstract - Dietary flavonoids and respiratory diseases: a population-based multi-case control study in Italian adults. , 2017, , .		0
134	Physical activity and incidence of restrictive spirometry pattern in adults. , 2018, , .		0
135	Occupational exposure to formaldehyde and oxidative stress in Italian workers. European Journal of Public Health, 2021, 31, .	0.1	0
136	Formaldehyde in hospitals can still represent a risk factor. Oxidative stress and GSTT1 polymorphism. European Journal of Public Health, 2020, 30, .	0.1	0
137	Urbanization and greenness in HBSC survey: association with overweight and obesity in adolescents. European Journal of Public Health, 2020, 30, .	0.1	0