Tommaso Filippini

List of Publications by Year
in descending order

124	4,825	87843	114418
papers	citations	38 h-index	63 g-index

126	126	126	6353
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selenium for preventing cancer. The Cochrane Library, 2020, 2020, CD005195.	1.5	242
2	The role of cadmium in obesity and diabetes. Science of the Total Environment, 2017, 601-602, 741-755.	3.9	191
3	Environmental Selenium and Human Health: an Update. Current Environmental Health Reports, 2018, 5, 464-485.	3.2	170
4	Selenium exposure and the risk of type 2 diabetes: a systematic review and meta-analysis. European Journal of Epidemiology, 2018, 33, 789-810.	2.5	164
5	Cadmium and atherosclerosis: A review of toxicological mechanisms and a meta-analysis of epidemiologic studies. Environmental Research, 2018, 162, 240-260.	3.7	159
6	A risk of bias instrument for non-randomized studies of exposures: A users' guide to its application in the context of GRADE. Environment International, 2019, 122, 168-184.	4.8	159
7	Lockdown timing and efficacy in controlling COVID-19 using mobile phone tracking. EClinicalMedicine, 2020, 25, 100457.	3.2	141
8	Common cardiovascular risk factors and in-hospital mortality in 3,894 patients with COVID-19: survival analysis and machine learning-based findings from the multicentre Italian CORIST Study. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1899-1913.	1.1	137
9	Blood Pressure Effects of Sodium Reduction. Circulation, 2021, 143, 1542-1567.	1.6	133
10	Potassium Intake and Blood Pressure: A Doseâ€Response Metaâ€Analysis of Randomized Controlled Trials. Journal of the American Heart Association, 2020, 9, e015719.	1.6	132
11	Green tea (Camellia sinensis) for the prevention of cancer. The Cochrane Library, 2021, 2021, CD005004.	1.5	119
12	Dietary intake of cadmium, chromium, copper, manganese, selenium and zinc in a Northern Italy community. Journal of Trace Elements in Medicine and Biology, 2018, 50, 508-517.	1.5	117
13	A Review and Meta-Analysis of Outdoor Air Pollution and Risk of Childhood Leukemia. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2015, 33, 36-66.	2.9	114
14	Health risk assessment of environmental selenium: Emerging evidence and challenges. Molecular Medicine Reports, 2017, 15, 3323-3335.	1.1	114
15	The effect of potassium supplementation on blood pressure in hypertensive subjects: A systematic review and meta-analysis. International Journal of Cardiology, 2017, 230, 127-135.	0.8	109
16	Association between Outdoor Air Pollution and Childhood Leukemia: A Systematic Review and Doseâ€"Response Meta-Analysis. Environmental Health Perspectives, 2019, 127, 46002.	2.8	99
17	Cadmium exposure and risk of breast cancer: A dose-response meta-analysis of cohort studies. Environment International, 2020, 142, 105879.	4.8	94
18	Use of hydroxychloroquine in hospitalised COVID-19 patients is associated with reduced mortality: Findings from the observational multicentre Italian CORIST study. European Journal of Internal Medicine, 2020, 82, 38-47.	1.0	88

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19	The Epidemiology of Selenium and Human Cancer. Advances in Cancer Research, 2017, 136, 1-48.	1.9	87
20	Metaâ€Analysis of Potassium Intake and the Risk of Stroke. Journal of the American Heart Association, 2016, 5, .	1.6	84
21	Satellite-detected tropospheric nitrogen dioxide and spread of SARS-CoV-2 infection in Northern Italy. Science of the Total Environment, 2020, 739, 140278.	3.9	80
22	A selenium species in cerebrospinal fluid predicts conversion to Alzheimerâ€™s dementia in persons with mild cognitive impairment. Alzheimer's Research and Therapy, 2017, 9, 100.	3.0	75
23	Cadmium exposure and risk of diabetes and prediabetes: A systematic review and dose-response meta-analysis. Environment International, 2022, 158, 106920.	4.8	71
24	Selenium speciation in human serum and its implications for epidemiologic research: a cross-sectional study. Journal of Trace Elements in Medicine and Biology, 2015, 31, 1-10.	1.5	68
25	Dietary Intake of Acrylamide and Risk of Breast, Endometrial, and Ovarian Cancers: A Systematic Review and Doseâ€“Response Meta-analysis. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1095-1106.	1.1	68
26	Selenium and Selenoproteins in Adipose Tissue Physiology and Obesity. Biomolecules, 2020, 10, 658.	1.8	67
27	A systematic review and dose-response meta-analysis of exposure to environmental selenium and the risk of type 2 diabetes in nonexperimental studies. Environmental Research, 2021, 197, 111210.	3.7	65
28	Diet composition and serum levels of selenium species: A cross-sectional study. Food and Chemical Toxicology, 2018, 115, 482-490.	1.8	57
29	Lead, cadmium and mercury in cerebrospinal fluid and risk of amyotrophic lateral sclerosis: A case-control study. Journal of Trace Elements in Medicine and Biology, 2017, 43, 121-125.	1.5	54
30	Associations between mortality from COVID-19 in two Italian regions and outdoor air pollution as assessed through tropospheric nitrogen dioxide. Science of the Total Environment, 2021, 760, 143355.	3.9	52
31	Aluminum and tin: Food contamination and dietary intake in an Italian population. Journal of Trace Elements in Medicine and Biology, 2019, 52, 293-301.	1.5	49
32	Dietary Estimated Intake of Trace Elements: Risk Assessment in an Italian Population. Exposure and Health, 2020, 12, 641-655.	2.8	49
33	Selenium and Other Trace Elements in the Etiology of Parkinsonâ€™s Disease: A Systematic Review and Meta-Analysis of Case-Control Studies. Neuroepidemiology, 2020, 54, 1-23.	1.1	47
34	Zinc and selenium supplementation in COVID-19 prevention and treatment: a systematic review of the experimental studies. Journal of Trace Elements in Medicine and Biology, 2022, 71, 126956.	1.5	47
35	Pesticide exposure assessed through agricultural crop proximity and risk of amyotrophic lateral sclerosis. Environmental Health, 2017, 16, 91.	1.7	43
36	SARS-CoV-2 infection incidence during the first and second COVID-19 waves in Italy. Environmental Research, 2021, 197, 111097.	3.7	43

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37	Lead exposure in an Italian population: Food content, dietary intake and risk assessment. Food Research International, 2020, 137, 109370.	2.9	42
38	Environmental and Occupational Risk Factors of Amyotrophic Lateral Sclerosis: A Population-Based Case-Control Study. International Journal of Environmental Research and Public Health, 2020, 17, 2882.	1.2	42
39	Intake of arsenic and mercury from fish and seafood in a Northern Italy community. Food and Chemical Toxicology, 2018, 116, 20-26.	1.8	41
40	Cancer incidence following long-term consumption of drinking water with high inorganic selenium content. Science of the Total Environment, 2018, 635, 390-396.	3.9	41
41	Blood pressure levels and hypertension prevalence in a high selenium environment: results from a cross-sectional study. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 398-408.	1.1	41
42	Exposure to a high selenium environment in Punjab, India: Biomarkers and health conditions. Science of the Total Environment, 2020, 719, 134541.	3.9	41
43	Determinants of serum cadmium levels in a Northern Italy community: A cross-sectional study. Environmental Research, 2016, 150, 219-226.	3.7	38
44	Clinical and Lifestyle Factors and Risk of Amyotrophic Lateral Sclerosis: A Population-Based Case-Control Study. International Journal of Environmental Research and Public Health, 2020, 17, 857.	1.2	38
45	Back to basics in COVIDâ€19: Antigens and antibodiesâ€"Completing the puzzle. Journal of Cellular and Molecular Medicine, 2021, 25, 4523-4533.	1.6	35
46	Children and adolescents with ADHD followed up to adulthood: a systematic review of long-term outcomes. Acta Neuropsychiatrica, 2021, 33, 283-298.	1.0	35
47	Amyotrophic lateral sclerosis incidence following exposure to inorganic selenium in drinking water: A long-term follow-up. Environmental Research, 2019, 179, 108742.	3.7	31
48	Dietary Habits and Risk of Early-Onset Dementia in an Italian Case-Control Study. Nutrients, 2020, 12, 3682.	1.7	30
49	Safety of selenium exposure and limitations of selenoprotein maximization: Molecular and epidemiologic perspectives. Environmental Research, 2022, 211, 113092.	3.7	30
50	Toenail selenium as an indicator of environmental exposure: A cross-sectional study. Molecular Medicine Reports, 2017, 15, 3405-3412.	1.1	29
51	Selenium and selenium species in the etiology of Alzheimerâ€™s dementia: The potential for bias of the case-control study design. Journal of Trace Elements in Medicine and Biology, 2019, 53, 154-162.	1.5	29
52	Exposure to a high selenium environment in Punjab, India: Effects on blood chemistry. Science of the Total Environment, 2020, 716, 135347.	3.9	29
53	Artificial light at night and risk of mental disorders: A systematic review. Science of the Total Environment, 2022, 833, 155185.	3.9	29
54	Strategies for Disease Prevention and Health Promotion in Urban Areas: The Erice 50 Charter. Annali Di Igiene: Medicina Preventiva E Di Comunita, 2017, 29, 481-493.	0.5	28

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55	Light at night and risk of breast cancer: a systematic review and doseâ€“response meta-analysis. International Journal of Health Geographics, 2021, 20, 44.	1.2	28
56	Epidemiology of early onset dementia and its clinical presentations in the province of Modena, Italy. Alzheimer's and Dementia, 2021, 17, 81-88.	0.4	27
57	Sodium Intake and Risk of Hypertension: A Systematic Review and Doseâ€“Response Meta-analysis of Observational Cohort Studies. Current Hypertension Reports, 2022, 24, 133-144.	1.5	27
58	Dietary selenium intake and risk of hospitalization for type 2 diabetes in the Moli-sani study cohort. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 1738-1746.	1.1	25
59	Dietary cadmium intake and risk of cutaneous melanoma: An Italian population-based case-control study. Journal of Trace Elements in Medicine and Biology, 2019, 56, 100-106.	1.5	23
60	Environmental Risk Factors for Early-Onset Alzheimerâ€™s Dementia and Frontotemporal Dementia: A Case-Control Study in Northern Italy. International Journal of Environmental Research and Public Health, 2020, 17, 7941.	1.2	22
61	Sodium and Potassium Content of Foods Consumed in an Italian Population and the Impact of Adherence to a Mediterranean Diet on Their Intake. Nutrients, 2021, 13, 2681.	1.7	22
62	The association between air pollutants and hippocampal volume from magnetic resonance imaging: A systematic review and meta-analysis. Environmental Research, 2022, 204, 111976.	3.7	22
63	Incidence of amyotrophic lateral sclerosis in the province of Novara, Italy, and possible role of environmental pollution. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 284-290.	1.1	21
64	Association of Urinary and Dietary Selenium and of Serum Selenium Species with Serum Alanine Aminotransferase in a Healthy Italian Population. Antioxidants, 2021, 10, 1516.	2.2	21
65	Lopinavir/Ritonavir and Darunavir/Cobicistat in Hospitalized COVID-19 Patients: Findings From the Multicenter Italian CORIST Study. Frontiers in Medicine, 2021, 8, 639970.	1.2	20
66	Living near waterbodies as a proxy of cyanobacteria exposure and risk of amyotrophic lateral sclerosis: a population based case-control study. Environmental Research, 2020, 186, 109530.	3.7	18
67	Food and Beverage Consumption and Melanoma Risk: A Population-Based Case-Control Study in Northern Italy. Nutrients, 2019, 11, 2206.	1.7	17
68	Atrial Fibrillation and the Risk of Earlyâ€Onset Dementia: A Systematic Review and Metaâ€Analysis. Journal of the American Heart Association, 2022, 11, .	1.6	17
69	Chemical Characterization and Quantification of Titanium Dioxide Nanoparticles (TiO2-NPs) in Seafood by Single-Particle ICP-MS: Assessment of Dietary Exposure. International Journal of Environmental Research and Public Health, 2020, 17, 9547.	1.2	16
70	Metal(loid)s role in the pathogenesis of amyotrophic lateral sclerosis: Environmental, epidemiological, and genetic data. Environmental Research, 2021, 192, 110292.	3.7	16
71	Associations between Urinary and Dietary Selenium and Blood Metabolic Parameters in a Healthy Northern Italy Population. Antioxidants, 2021, 10, 1193.	2.2	16
72	Risk of Amyotrophic Lateral Sclerosis and Exposure to Particulate Matter from Vehicular Traffic: A Case-Control Study. International Journal of Environmental Research and Public Health, 2021, 18, 973.	1.2	15

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73	Dietary Acrylamide Exposure and Risk of Site-Specific Cancer: A Systematic Review and Dose-Response Meta-Analysis of Epidemiological Studies. Frontiers in Nutrition, 2022, 9, 875607.	1.6	15
74	Adverse pregnancy outcomes in women with changing patterns of exposure to the emissions of a municipal waste incinerator. Environmental Research, 2018, 164, 444-451.	3.7	14
75	Associations of urinary and dietary cadmium with urinary 8-oxo-7,8-dihydro-2â€²-deoxyguanosine and blood biochemical parameters. Environmental Research, 2022, 210, 112912.	3.7	14
76	The Epidemiology of Selenium and Human Health. , 2016, , 365-376.		13
77	The association between first and second wave COVID-19 mortality in Italy. BMC Public Health, 2021, 21, 2069.	1.2	13
78	Determinants of serum manganese levels in an Italian population. Molecular Medicine Reports, 2017, 15, 3340-3349.	1.1	12
79	Residential exposure to electromagnetic fields and risk of amyotrophic lateral sclerosis: a doseâ€“response meta-analysis. Scientific Reports, 2021, 11, 11939.	1.6	12
80	The questionnaire design process in the European Human Biomonitoring Initiative (HBM4EU). Environment International, 2022, 160, 107071.	4.8	12
81	Magnetic fields exposure from high-voltage power lines and risk of amyotrophic lateral sclerosis in two Italian populations. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 583-589.	1.1	11
82	Seroprevalence of anti-SARS-CoV-2 antibodies in the Northern Italy population before the COVID-19 second wave. International Journal of Occupational Medicine and Environmental Health, 2022, 35, 63-74.	0.6	11
83	Atmospheric Dispersion Modelling and Spatial Analysis to Evaluate Population Exposure to Pesticides from Farming Processes. Atmosphere, 2018, 9, 38.	1.0	10
84	Impact of the environment on the health: From theory to practice. Environmental Research, 2021, 194, 110517.	3.7	10
85	Frequency of Anti-SARS-CoV-2 Antibodies in Various Occupational Sectors in an Industrialized Area of Northern Italy from May to October 2020. International Journal of Environmental Research and Public Health, 2021, 18, 7948.	1.2	9
86	Comparison of Methodologies to Estimate Dietary Cadmium Intake in an Italian Population. International Journal of Environmental Research and Public Health, 2020, 17, 2264.	1.2	8
87	An assessment of case-fatality and infection-fatality rates of first and second COVID-19 waves in Italy. Acta Biomedica, 2021, 92, e2021420.	0.2	8
88	Seroprevalence Survey of Anti-SARS-CoV-2 Antibodies in a Population of Emilia-Romagna Region, Northern Italy. International Journal of Environmental Research and Public Health, 2022, 19, 7882.	1.2	8
89	Selenium Neurotoxicity and Amyotrophic Lateral Sclerosis: An Epidemiologic Perspective. Molecular and Integrative Toxicology, 2018, , 231-248.	0.5	7
90	Attention deficit among preschool and school-aged children living near former metal-processing plants in Romania. Environmental Research, 2022, 208, 112689.	3.7	7

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91	Doseâ€response relationships in health risk assessment of nutritional and toxicological factors in foods: development and application of novel biostatistical methods. EFSA Supporting Publications, 2020, 17, 1899E.	0.3	6
92	Italian National Recovery and Resilience Plan: a Healthcare Renaissance after the COVID-19 crisis?. Acta Biomedica, 2021, 92, e2021463.	0.2	6
93	Maternal acrylamide exposure during pregnancy and fetal growth: A systematic review and dose-response meta-analysis of epidemiological studies. Environmental Research, 2022, 213, 113705.	3.7	6
94	Atti del 52Â° Congresso Nazionale: SocietÃ Italiana di Igiene, Medicina Preventiva e SanitÃ Pubblica (SItI). Journal of Preventive Medicine and Hygiene, 2019, 60, E1-E384.	0.9	4
95	Characteristics and risk factors of isolated and quarantined children and adolescents during the first wave of SARS-CoV-2 pandemic: A cross-sectional study in Modena, Northern Italy. Acta Biomedica, 2021, 92, e2021449.	0.2	3
96	Impact of Referral Sources and Waiting Times on the Failure to Quit Smoking: One-Year Follow-Up of an Italian Cohort Admitted to a Smoking Cessation Service. International Journal of Environmental Research and Public Health, 2018, 15, 1234.	1.2	2
97	Dismissing the use of P-values and statistical significance testing in scientific research: new methodological perspectives in toxicology and risk assessment. , 2021, , 309-321.		2
98	Updating the European Unionâ€™s regulation on classification, labelling and packaging of substances and mixtures (CLP): A key opportunity for consumers, workers and stakeholders with interests in the legislation and toxicology of hazardous chemicals. Toxicology Reports, 2021, 8, 1865-1868.	1.6	2
99	Modeling Early Phases of COVID-19 Pandemic in Northern Italy and Its Implication for Outbreak Diffusion. Frontiers in Public Health, 2021, 9, 724362.	1.3	2
100	Team Reading (Peer Review) of Suspicious/Positive Slides for Continuous Quality Improvement in Cervical-Vaginal Cytology: A Comparison between Methods and Indicators. Acta Cytologica, 2016, 60, 458-464.	0.7	1
101	Insights into the association of potassium intake with blood pressure: results of a dose-response meta-analysis of randomized controlled trials. Proceedings of the Nutrition Society, 2020, 79, .	0.4	1
102	Reply to Comment on â€œEnvironmental and Occupational Risk Factors of Amyotrophic Lateral Sclerosis: A Population-Based Case-Control Studyâ€• International Journal of Environmental Research and Public Health, 2020, 17, 6492.	1.2	1
103	Anti-SARS-CoV-2 antibodies frequency in non-Health Care Workers in a highly industrialized province of northern Italy. , 0, , .		1
104	Public health and public law issues for the toxicological risk assessment of chemical mixtures. , 2021, 1, 1-5.		1
105	4â€…Comparison of two alternative methodologies to estimate the weekly intake of cadmium in an italian population. , 2018, , .		0
106	9â€…Risk of amyotrophic lateral sclerosis and passive residential exposure to pesticides: comparison of questionnaire-based with gis-based exposure assessment methods. , 2018, , .		0
107	Dietary cadmium intake and fecundability in a North American preconception cohort study. Fertility and Sterility, 2019, 112, e341.	0.5	0
108	Exposure to particulate matter and risk of dementia in subjects with mild cognitive impairment. European Journal of Public Health, 2020, 30, .	0.1	0

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109	The epidemiology of the different clinical presentations of early onset dementia. Alzheimer's and Dementia, 2020, 16, e044088.	0.4	0
110	Association between cadmium and genotoxicity and oxidative stress risk biomarkers in a population of Northern Italy. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
111	Association between outdoor traffic air pollutants and spread of SARS-CoV-2 pandemic in Modena, Northern Italy. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
112	Dietary acrylamide and risk of specific subtypes of cancer: a dose response meta-analysis of epidemiological studies. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
113	Systematic Review and Meta-analysis on Association Between Air Pollutants and Hippocampal Volume from Magnetic Resonance Imaging in Adults. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
114	Cadmium exposure and risk of prediabetes and diabetes: A systematic review and dose-response meta-analysis. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
115	Greenness, cognitive impairment and dementia: a systematic review and meta-analysis. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
116	Artificial light at night and breast cancer risk: A systematic review and dose-response meta-analysis. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
117	Response by Filippini et al to Letter Regarding Article, â€œBlood Pressure Effects of Sodium Reduction: Dose-Response Meta-Analysis of Experimental Studiesâ€. Circulation, 2021, 144, e237.	1.6	0
118	Prevalence rates of early onset Alzheimer's disease and fronto-temporal dementia clinical phenotypes among age groups in the Province of Modena, Italy. Journal of the Neurological Sciences, 2021, 429, 118999.	0.3	0
119	Life-style and occupational risk factors for early onset dementia in an Italian community. European Journal of Public Health, 2020, 30, .	0.1	0
120	Assessment of lead food contamination and dietary intake in a Northern Italian population. European Journal of Public Health, 2020, 30, .	0.1	0
121	Risk of amyotrophic lateral sclerosis and exposure to particulate matter: A case-control study. European Journal of Public Health, 2020, 30, .	0.1	0
122	Lifestyle risk Factors for early versus late onset dementia: A systematic review and meta-analysis. European Journal of Public Health, 2020, 30, .	0.1	0
123	Towards the dismissal of null hypothesis/statistical significance testing in public health, public law and toxicology. , 2021, 1, 1-6.		0
124	Revising the legislation of Ethics Committees to ease biomedical research in humans across the world: lessons from the COVID-19 emergency.. Acta Biomedica, 2022, 93, e2021579.	0.2	0