Matteo Vitali

List of Publications by Year
in descending order

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115	2,405	172386	276775
papers	citations	29	41
		h-index	g-index

122	122	122	3116
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Validation of Velocity Field Measured with Particle Image Velocimetry of a Partially Heated Cavity. Heat Transfer Engineering, 2023, 44, 141-153.	1.2	3
2	Application of non-invasive active infrared thermography for delamination detection in fresco. International Journal of Thermal Sciences, 2022, 171, 107185.	2.6	10
3	Occupational scenarios and exposure assessment to formaldehyde: A systematic review. Indoor Air, 2022, 32, .	2.0	22
4	PM Dimensional Characterization in an Urban Mediterranean Area: Case Studies on the Separation between Fine and Coarse Atmospheric Aerosol. Atmosphere, 2022, 13, 227.	1.0	2
5	PAHs presence and source apportionment in honey samples: Fingerprint identification of rural and urban contamination by means of chemometric approach. Food Chemistry, 2022, 382, 132361.	4.2	13
6	Dataset of PAHs determined in home-made honey samples collected in Central Italy by means of DLLME-GC-MS and cluster analysis for studying the source apportionment. Data in Brief, 2022, 42, 108136.	0.5	8
7	The Carcinogenic Effects of Formaldehyde Occupational Exposure: A Systematic Review. Cancers, 2022, 14, 165.	1.7	33
8	Statistical analysis of incidents on onshore CO2 pipelines based on PHMSA database. Journal of Loss Prevention in the Process Industries, 2022, 77, 104799.	1.7	12
9	Bacillus Calmetteâ€GuÃ©rin vaccination and socioeconomic variables vs COVIDâ€19 global features: Clearing up a controversial issue. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 884-887.	2.7	4
10	Lichen transplants for high spatial resolution biomonitoring of Persistent Organic Pollutants (POPs) in a multi-source polluted area of Central Italy. Ecological Indicators, 2021, 120, 106921.	2.6	2
11	Monitoring COVID-19 Transmission Risks by Quantitative Real-Time PCR Tracing of Droplets in Hospital and Living Environments. MSphere, 2021, 6, .	1.3	22
12	A â€˜Dilute and Shootâ€™ Liquid Chromatography-Mass Spectrometry Method for Multiclass Drug Analysis in Pre-Cut Dried Blood Spots. International Journal of Environmental Research and Public Health, 2021, 18, 3068.	1.2	4
13	Environmental status of an Italian site highly polluted by illegal dumping of industrial wastes: The situation 15Âyears after the judicial intervention. Science of the Total Environment, 2021, 762, 144100.	3.9	8
14	Where Do Ultrafine Particles and Nano-Sized Particles Come From?. Advances in Alzheimer's Disease, 2021, , .	0.2	0
15	Levels of Polychlorinated Dibenzo-p-Dioxins/Furans and Polychlorinated Biphenyls in Free-Range Hen Eggs in Central Italy and Estimated Human Dietary Exposure. Journal of Food Protection, 2021, 84, 1455-1462.	0.8	9
16	Determination of 40 Elements in Powdered Infant Formulas and Related Risk Assessment. International Journal of Environmental Research and Public Health, 2021, 18, 5073.	1.2	5
17	Exergames in Childhood Obesity Treatment: A Systematic Review. International Journal of Environmental Research and Public Health, 2021, 18, 4938.	1.2	14
18	Adverse effects related to tattoos in the community setting: a systematic review. Journal of Epidemiology and Community Health, 2021, 75, 1023-1028.	2.0	3

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19	Risks and Safety of CO2 Transport via Pipeline: A Review of Risk Analysis and Modeling Approaches for Accidental Releases. Energies, 2021, 14, 4601.	1.6	12
20	Photocatalytic Treatments for Personal Protective Equipment: Experimental Microbiological Investigations and Perspectives for the Enhancement of Antimicrobial Activity by Micrometric TiO2. International Journal of Environmental Research and Public Health, 2021, 18, 8662.	1.2	8
21	Reusable Water Bottles: Release of Inorganic Elements, Phthalates, and Bisphenol A in a â€œReal Useâ€• Simulation Experiment. Separations, 2021, 8, 126.	1.1	5
22	Comparison of Two Extraction Procedures, SPE and DLLME, for Determining Plasticizer Residues in Hot Drinks at Vending Machines. Processes, 2021, 9, 1588.	1.3	6
23	Exposure Profile to Traffic Related Pollution in Pediatric Age: A Biomonitoring Study. International Journal of Environmental Research and Public Health, 2021, 18, 10118.	1.2	1
24	Assessing Undergraduatesâ€™ Perception of Risks Related to Body Art in Italy: The SUPeRBA Multicenter Cross-Sectional Study. International Journal of Environmental Research and Public Health, 2021, 18, 9233.	1.2	1
25	Fast and Reliable Determination of Phthalic Acid Esters in the Blood of Marine Turtles by Means of Solid Phase Extraction Coupled with Gas Chromatography-Ion Trap/Mass Spectrometry. Toxics, 2021, 9, 279.	1.6	7
26	Passive Vaping from Sub-Ohm Electronic Cigarette Devices. International Journal of Environmental Research and Public Health, 2021, 18, 11606.	1.2	2
27	What about Your Body Ornament? Experiences of Tattoo and Piercing among Italian Youths. International Journal of Environmental Research and Public Health, 2021, 18, 12429.	1.2	4
28	Occupational Exposure Assessment of Major and Trace Elements in Human Scalp Hair Among a Group of Eritrean Workers. Biological Trace Element Research, 2020, 197, 89-100.	1.9	9
29	Serum S100B protein as a marker of severity in Covid-19 patients. Scientific Reports, 2020, 10, 18665.	1.6	68
30	How Do Combustion and Non-Combustion Products Used Outdoors Affect Outdoor and Indoor Particulate Matter Levels? A Field Evaluation Near the Entrance of an Italian University Library. International Journal of Environmental Research and Public Health, 2020, 17, 5200.	1.2	5
31	High spatial resolution analysis of polybrominated diphenyl ethers (PBDEs) using transplanted lichen Evernia prunastri: A case study in central Italy. Science of the Total Environment, 2020, 742, 140590.	3.9	0
32	A Cross-Sectional Study on Benzene Exposure in Pediatric Age and Parental Smoking Habits at Home. International Journal of Environmental Research and Public Health, 2020, 17, 5469.	1.2	4
33	Comparative Indoor Pollution from Glo, Iqos, and Juul, Using Traditional Combustion Cigarettes as Benchmark: Evidence from the Randomized SUR-VAPES AIR Trial. International Journal of Environmental Research and Public Health, 2020, 17, 6029.	1.2	14
34	Urinary Mercury Levels and Predictors of Exposure among a Group of Italian Children. International Journal of Environmental Research and Public Health, 2020, 17, 9225.	1.2	10
35	Biomonitoring of Mercury in Hair among a Group of Eritreans (Africa). International Journal of Environmental Research and Public Health, 2020, 17, 1911.	1.2	10
36	A new rapid treatment of human hair for elemental determination by inductively coupled mass spectrometry. Analytical Methods, 2020, 12, 1906-1918.	1.3	32

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37	Oxidative Potential Associated with Urban Aerosol Deposited into the Respiratory System and Relevant Elemental and Ionic Fraction Contributions. Atmosphere, 2020, 11, 6.	1.0	12
38	Profiling the Acute Effects of Modified Risk Products: Evidence from the SUR-VAPES (Sapienza) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 Current Atherosclerosis Reports, 2020, 22, 8.	2.0	17
39	Impact of Electronic Alternatives to Tobacco Cigarettes on Indoor Air Particular Matter Levels. International Journal of Environmental Research and Public Health, 2020, 17, 2947.	1.2	21
40	A randomized trial comparing the acute coronary, systemic, and environmental effects of electronic vaping cigarettes versus heat-not-burn cigarettes in smokers of combustible cigarettes undergoing invasive coronary assessment: rationale and design of the SUR-VAPES 3 trial. Minerva Cardioangiologica, 2020, 68, 548-555.	1.2	16
41	Protocols and self-checking plans for the safety of post-COVID-19 balneotherapy. Acta Biomedica, 2020, 91, 40-49.	0.2	5
42	May SARS-CoV-2 Diffusion Be Favored by Alkaline Aerosols and Ammonia Emissions?. Atmosphere, 2020, 11, 995.	1.0	5
43	Analytical Method Validation for Determining Organophosphorus Pesticides in Baby Foods by a Modified Liquidâ€“Liquid Microextraction Method and Gas Chromatographyâ€“Ion Trap/Mass Spectrometry Analysis. Food Analytical Methods, 2019, 12, 41-50.	1.3	13
44	Phthalates and Bisphenol-A Determination and Release from Different Beverage Plastic Containers by Dispersive Liquid-Liquid Microextraction and GC-IT/MS Analysis. Food Analytical Methods, 2019, 12, 2562-2571.	1.3	25
45	A prophylactic multi-strain probiotic treatment to reduce the absorption of toxic elements: In-vitro study and biomonitoring of breast milk and infant stools. Environment International, 2019, 130, 104818.	4.8	50
46	A Method Validation for Simultaneous Determination of Phthalates and Bisphenol A Released from Plastic Water Containers. Applied Sciences (Switzerland), 2019, 9, 2945.	1.3	39
47	Further Insights on Predictors of Environmental Tobacco Smoke Exposure during the Pediatric Age. International Journal of Environmental Research and Public Health, 2019, 16, 4062.	1.2	9
48	Simple and rapid method for the determination of mercury in human hair by cold vapour generation atomic fluorescence spectrometry. Microchemical Journal, 2019, 150, 104186.	2.3	25
49	Air quality assessment in different environmental scenarios by the determination of typical heavy metals and Persistent Organic Pollutants in native lichen Xanthoria parietina. Environmental Pollution, 2019, 254, 113013.	3.7	29
50	Evaluation of the Submicron Particles Distribution Between Mountain and Urban Site: Contribution of the Transportation for Defining Environmental and Human Health Issues. International Journal of Environmental Research and Public Health, 2019, 16, 1339.	1.2	9
51	Where Do Ultrafine Particles and Nano-Sized Particles Come From?. Journal of Alzheimer's Disease, 2019, 68, 1371-1390.	1.2	17
52	Cancer Mortality Trend in Central Italy: Focus on A â€œLow Rate of Land Useâ€•Area from 1982 to 2011. International Journal of Environmental Research and Public Health, 2019, 16, 628.	1.2	3
53	Nanoparticle Behaviour in an Urban Street Canyon at Different Heights and Implications on Indoor Respiratory Doses. Atmosphere, 2019, 10, 772.	1.0	4
54	A Cross-Sectional Study on Prevalence and Predictors of Burnout among a Sample of Pharmacists Employed in Pharmacies in Central Italy. BioMed Research International, 2019, 2019, 1-8.	0.9	8

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55	Evidences of copper nanoparticle exposure in indoor environments: Long-term assessment, high-resolution field emission scanning electron microscopy evaluation, in silico respiratory dosimetry study and possible health implications. Science of the Total Environment, 2019, 653, 1192-1203.	3.9	26
56	Urinary reference ranges and exposure profile for lithium among an Italian paediatric population. Science of the Total Environment, 2018, 619-620, 58-64.	3.9	17
57	Potential testing of reprocessing procedures by real-time polymerase chain reaction: A multicenter study of colonoscopy devices. American Journal of Infection Control, 2018, 46, 159-164.	1.1	22
58	Environmental Electronic Vape Exposure from Four Different Generations of Electronic Cigarettes: Airborne Particulate Matter Levels. International Journal of Environmental Research and Public Health, 2018, 15, 2172.	1.2	59
59	Microflora Thermarum Atlas project: biodiversity in thermal spring waters and natural SPA pools. Water Science and Technology: Water Supply, 2018, 18, 1472-1483.	1.0	16
60	Reference Intervals for Urinary Cotinine Levels and the Influence of Sampling Time and Other Predictors on Its Excretion Among Italian Schoolchildren. International Journal of Environmental Research and Public Health, 2018, 15, 817.	1.2	11
61	Optimization and validation of a fast digestion method for the determination of major and trace elements in breast milk by ICP-MS. Analytica Chimica Acta, 2018, 1040, 49-62.	2.6	48
62	Ultrafine particles in domestic environments: Regional doses deposited in the human respiratory system. Environment International, 2018, 118, 134-145.	4.8	21
63	Metagenomic analysis of bacterial community in a travertine depositing hot spring. New Microbiologica, 2018, 41, 126-135.	0.1	20
64	Temporal evolution of ultrafine particles and of alveolar deposited surface area from main indoor combustion and non-combustion sources in a model room. Science of the Total Environment, 2017, 598, 1015-1026.	3.9	47
65	Swimming attendance during childhood and development of asthma: Metaâ€analysis. Pediatrics International, 2017, 59, 614-621.	0.2	29
66	How relevant are fathers who smoke at home to the passive smoking exposure of their children?. Acta Paediatrica, International Journal of Paediatrics, 2017, 106, 74-74.	0.7	4
67	Swimming pool attendance during childhood and development of asthma: Reply. Pediatrics International, 2017, 59, 847-848.	0.2	3
68	Occupational risk forLegionellainfection among dental healthcare workers: meta-analysis in occupational epidemiology. BMJ Open, 2017, 7, e015374.	0.8	18
69	Second-hand smoke generated by combustion and electronic smoking devices used in real scenarios: Ultrafine particle pollution and age-related dose assessment. Environment International, 2017, 107, 190-195.	4.8	94
70	Assessing indoor air quality of school environments: transplanted lichen Pseudovernia furfuracea as a new tool for biomonitoring and bioaccumulation. Environmental Monitoring and Assessment, 2017, 189, 358.	1.3	24
71	Familyâ€based social determinants and child health: Crossâ€sectional study. Pediatrics International, 2017, 59, 201-208.	0.2	14
72	Pedestrians in Traffic Environments: Ultrafine Particle Respiratory Doses. International Journal of Environmental Research and Public Health, 2017, 14, 288.	1.2	33

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73	How to manage the biological risk in a dental clinic: current and future perspectives. Minerva Dental and Oral Science, 2017, 66, 232-239.	0.5	11
74	Exposure to individual and multiple carcinogenic metals during paediatric age: an experience from an Italian urban scenario. Annali Di Igiene: Medicina Preventiva E Di Comunita, 2017, 29, 494-503.	0.5	6
75	Development of the laboratory prototype "CavyPool" for assessing treatments and materials for swimming pools. Annali Di Igiene: Medicina Preventiva E Di Comunita, 2017, 29, 548-560.	0.5	3
76	Infection control in healthcare settings: perspectives for mfDNA analysis in monitoring sanitation procedures. BMC Infectious Diseases, 2016, 16, 394.	1.3	12
77	Benchmark study on fine-mode aerosol in a big urban area and relevant doses deposited in the human respiratory tract. Environmental Pollution, 2016, 216, 530-537.	3.7	39
78	Sensitive multiresidue method by HS-SPME/GC-MS for 10 volatile organic compounds in urine matrix: a new tool for biomonitoring studies on children. Analytical and Bioanalytical Chemistry, 2016, 408, 5789-5800.	1.9	20
79	The water supply of Rome: an â€œalmostâ€•unique case. Rendiconti Lincei, 2016, 27, 67-81.	1.0	2
80	Direct fascia lata reconstruction to reduce donor site morbidity in endoscopic endonasal extended surgery: a pilot study. Clinical Neurology and Neurosurgery, 2016, 144, 59-63.	0.6	10
81	Urinary levels of trace elements among primary school-aged children from Italy: The contribution of smoking habits of family members. Science of the Total Environment, 2016, 557-558, 378-385.	3.9	44
82	Assessment of the Effectiveness of a Seasonal-Long Insecticide-Based Control Strategy against Aedes albopictus Nuisance in an Urban Area. PLoS Neglected Tropical Diseases, 2016, 10, e0004463.	1.3	9
83	Transplanted Lichen Pseudovernia furfuracea as a Multi-Tracer Monitoring Tool Near a Solid Waste Incinerator in Italy: Assessment of Airborne Incinerator-Related Pollutants. Bulletin of Environmental Contamination and Toxicology, 2015, 95, 644-653.	1.3	17
84	River water quality assessment: comparison between old and new indices in a real scenario from Italy. International Journal of River Basin Management, 2015, 13, 325-331.	1.5	5
85	Structural Basis of Functional Diversification of the HD-GYP Domain Revealed by the Pseudomonas aeruginosa PA4781 Protein, Which Displays an Unselective Bimetallic Binding Site. Journal of Bacteriology, 2015, 197, 1525-1535.	1.0	33
86	Urinary biomarkers of exposure and of oxidative damage in children exposed to low airborne concentrations of benzene. Environmental Research, 2015, 142, 264-272.	3.7	33
87	Heavy Metal Pollution and Potential Ecological Risks in Rivers: A Case Study from Southern Italy. Bulletin of Environmental Contamination and Toxicology, 2014, 92, 75-80.	1.3	63
88	Polycyclic Aromatic Hydrocarbons and Metals in Transplanted Lichen (Pseudovernia furfuracea) at Sites Adjacent to a Solid-waste Landfill in Central Italy. Archives of Environmental Contamination and Toxicology, 2014, 66, 471-481.	2.1	30
89	Environment health and intraspecific biodiversity in T. tubifex: a preliminary analysis of a population from Apennines springs. International Journal of Environmental Science and Technology, 2014, 11, 461-468.	1.8	3
90	Biomarkers of oxidative stress to nucleic acids: Background levels and effects of body mass index and life-style factors in an urban paediatric population. Science of the Total Environment, 2014, 500-501, 44-51.	3.9	26

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91	Legionella control in the water system of antiquated hospital buildings by shock and continuous hyperchlorination: 5Âyears experience. BMC Infectious Diseases, 2014, 14, 394.	1.3	35
92	Hydrogen sulfide in thermal spring waters and its action on bacteria of human origin. Microchemical Journal, 2013, 108, 210-214.	2.3	24
93	Determination of Selected Polychlorinated Dibenzo-p-dioxins/Furans in Marine Sediments by the Application of Gas-Chromatography-Triple Quadrupole Mass Spectrometry. Bulletin of Environmental Contamination and Toxicology, 2013, 90, 525-530.	1.3	3
94	A tobacco-related carcinogen: assessing the impact of smoking behaviours of cohabitants on benzene exposure in children. Tobacco Control, 2012, 21, 325-329.	1.8	35
95	How home-smoking habits affect children: a cross-sectional study using urinary cotinine measurement in Italy. International Journal of Public Health, 2012, 57, 885-892.	1.0	41
96	Urinary trans, trans-muconic acid and S-phenylmercapturic acid are indicative of exposure to urban benzene pollution during childhood. Science of the Total Environment, 2012, 435-436, 115-123.	3.9	46
97	The New Danger of Thirdhand Smoke: Why Passive Smoking Does Not Stop at Secondhand Smoke. Environmental Health Perspectives, 2011, 119, A422.	2.8	81
98	Benzene exposure in childhood: Role of living environments and assessment of available tools. Environment International, 2010, 36, 779-787.	4.8	44
99	Performance of Different Work Clothing Types for Reducing Skin Exposure to Pesticides During Open Field Treatment. Bulletin of Environmental Contamination and Toxicology, 2009, 83, 115-119.	1.3	38
100	Monitoring of Traffic-Related Pollution in a Province of Central Italy with Transplanted Lichen Pseudovernia furfuracea. Bulletin of Environmental Contamination and Toxicology, 2009, 83, 852-858.	1.3	44
101	Operative Modalities and Exposure to Pesticides During Open Field Treatments Among a Group of Agricultural Subcontractors. Archives of Environmental Contamination and Toxicology, 2009, 57, 193-202.	2.1	43
102	Advantages of Sodium Hypochlorite or Sodium Dichloroisocyanurate Disinfection for Teats and Bottles in Newborn Infants' Feeding. Public Health Nursing, 2008, 25, 103-105.	0.7	3
103	Prevention of infection spreading by cleaning and disinfecting: Different approaches and difficulties in communicating. American Journal of Infection Control, 2006, 34, 49-50.	1.1	4
104	Exposure to Organic Solvents among Handicraft Car Painters: A Pilot Study in Italy. Industrial Health, 2006, 44, 310-317.	0.4	46
105	Nonylphenols in freshwaters of the hydrologic system of an Italian district: association with human activities and evaluation of human exposure. Chemosphere, 2004, 57, 1637-1647.	4.2	29
106	Antimicrobial activity of a new intact skin antisepsis formulation. American Journal of Infection Control, 2003, 31, 117-123.	1.1	9
107	Determination of organic micropollutants in rain water for laboratory screening of air quality in urban environment. Environment International, 2000, 26, 23-28.	4.8	33
108	Selective Determination of Se4+ and Se6+ Using SPME and GC/MS. Journal of High Resolution Chromatography, 1999, 22, 414-416.	2.0	27

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109	Totalp-Chlorophenol Determination in Urine Samples of Subjects Exposed to Chlorobenzene, Using SPME and GC-MS. Journal of High Resolution Chromatography, 1999, 22, 427-428.	2.0	10
110	Totalp-Nitrophenol Determination in Urine Samples of Subjects Exposed to Parathion and Methyl-Parathion by SPME and GC/MS. Journal of High Resolution Chromatography, 1999, 22, 628-630.	2.0	23
111	Determination of Urinary Pentachlorophenol by SPME and GC/MS. Journal of High Resolution Chromatography, 1998, 21, 137-139.	2.0	5
112	Determination of Urinary Mercury and Methylmercury by Solid Phase Microextraction and GC/MS. Journal of High Resolution Chromatography, 1998, 21, 665-666.	2.0	18
113	Determination of pesticide residues in wine by SPME and GC/MS for consumer risk assessment. Food Additives and Contaminants, 1998, 15, 280-287.	2.0	49
114	Phthalate esters in freshwaters as markers of contamination sources--a site study in Italy. Environment International, 1997, 23, 337-347.	4.8	153
115	Applications of SPME for the biomonitoring of human exposure to toxic substances. RSC Chromatography Monographs, 0, , 557-572.	0.1	1