

# Sergio Iavicoli

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

2,205  
citations

201674

27  
h-index

254184

43  
g-index

78  
all docs

78  
docs citations

78  
times ranked

2831  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pleural malignant mesothelioma epidemic: Incidence, modalities of asbestos exposure and occupations involved from the Italian National Register. <i>International Journal of Cancer</i> , 2012, 130, 2146-2154.	5.1	107
2	Evaluation of genotoxic effects induced by exposure to antineoplastic drugs in lymphocytes and exfoliated buccal cells of oncology nurses and pharmacy employees. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 587, 45-51.	1.7	101
3	Comparative cyto-genotoxicity assessment of functionalized and pristine multiwalled carbon nanotubes on human lung epithelial cells. <i>Toxicology in Vitro</i> , 2012, 26, 831-840.	2.4	87
4	An Evaluation of the Policy Context on Psychosocial Risks and Mental Health in the Workplace in the European Union: Achievements, Challenges, and the Future. <i>BioMed Research International</i> , 2015, 2015, 1-18.	1.9	82
5	Wearable Monitoring Devices for Biomechanical Risk Assessment at Work: Current Status and Future Challenges—A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2001.	2.6	82
6	The role of policy for the management of psychosocial risks at the workplace in the European Union. <i>Safety Science</i> , 2011, 49, 558-564.	4.9	81
7	Multi-walled carbon nanotubes induce cytotoxicity and genotoxicity in human lung epithelial cells. <i>Journal of Applied Toxicology</i> , 2012, 32, 454-464.	2.8	75
8	Retrospective analysis of the Italian exit strategy from COVID-19 lockdown. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	72
9	Genotoxic risk and oxidative DNA damage in workers exposed to antimony trioxide. <i>Environmental and Molecular Mutagenesis</i> , 2002, 40, 184-189.	2.2	70
10	Evaluation of uptake, cytotoxicity and inflammatory effects in respiratory cells exposed to pristine and -OH and -COOH functionalized multi-wall carbon nanotubes. <i>Journal of Applied Toxicology</i> , 2016, 36, 394-403.	2.8	64
11	The epidemiology of malignant mesothelioma in women: gender differences and modalities of asbestos exposure. <i>Occupational and Environmental Medicine</i> , 2018, 75, 254-262.	2.8	61
12	Evaluation of early DNA damage in healthcare workers handling antineoplastic drugs. <i>International Archives of Occupational and Environmental Health</i> , 2006, 80, 134-140.	2.3	58
13	Evaluation of a suitable DNA damage biomarker for human biomonitoring of exposed workers. <i>Environmental and Molecular Mutagenesis</i> , 2009, 50, 781-790.	2.2	54
14	Evaluation of cytotoxic, genotoxic and inflammatory response in human alveolar and bronchial epithelial cells exposed to titanium dioxide nanoparticles. <i>Journal of Applied Toxicology</i> , 2014, 34, 1209-1219.	2.8	54
15	Occupational factors in the COVID-19 pandemic in Italy: compensation claims applications support establishing an occupational surveillance system. <i>Occupational and Environmental Medicine</i> , 2020, 77, 818-821.	2.8	54
16	Recommendations for Implementing Lung Cancer Screening with Low-Dose Computed Tomography in Europe. <i>Cancers</i> , 2020, 12, 1672.	3.7	50
17	Micronucleus induction and FISH analysis in buccal cells and lymphocytes of nurses administering antineoplastic drugs. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007, 628, 11-18.	1.7	49
18	The relevance of socio-demographic and occupational variables for the assessment of work-related stress risk. <i>BMC Public Health</i> , 2013, 13, 1157.	2.9	49

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19	Occupational health and safety policy and psychosocial risks in Europe: The role of stakeholders's perceptions. <i>Health Policy</i> , 2011, 101, 87-94.	3.0	45
20	Investigation on cobalt-oxide nanoparticles cytotoxicity and inflammatory response in two types of respiratory cells. <i>Journal of Applied Toxicology</i> , 2015, 35, 1102-1113.	2.8	44
21	Indoor formaldehyde and acetaldehyde levels in the province of Bari, South Italy, and estimated health risk. <i>Journal of Environmental Monitoring</i> , 2009, 11, 955.	2.1	43
22	Incidence of extrapleural malignant mesothelioma and asbestos exposure, from the Italian national register. <i>Occupational and Environmental Medicine</i> , 2010, 67, 760-765.	2.8	43
23	Differences in Cytotoxic, Genotoxic, and Inflammatory Response of Bronchial and Alveolar Human Lung Epithelial Cells to Pristine and COOH-Functionalized Multiwalled Carbon Nanotubes. <i>BioMed Research International</i> , 2014, 2014, 1-14.	1.9	36
24	Work-Related Stress Risk Assessment in Italy: A Methodological Proposal Adapted to Regulatory Guidelines. <i>Safety and Health at Work</i> , 2013, 4, 95-99.	0.6	35
25	Lower-Limb Joint Coordination Pattern in Obese Subjects. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	31
26	Occupational exposure to graphene and silica nanoparticles. Part I: workplace measurements and samplings. <i>Nanotoxicology</i> , 2020, 14, 1280-1300.	3.0	30
27	Planned Gait Termination in Cerebellar Ataxias. <i>Cerebellum</i> , 2012, 11, 896-904.	2.5	27
28	Occupational Safety and Health in Europe: Lessons from the Past, Challenges and Opportunities for the Future. <i>Industrial Health</i> , 2012, 50, 7-11.	1.0	26
29	Evaluation of DNA damage in flight personnel by Comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2002, 516, 148-152.	1.7	23
30	Hard and soft law approaches to addressing psychosocial risks in Europe: lessons learned in the development of the Italian approach. <i>Journal of Risk Research</i> , 2014, 17, 855-869.	2.6	23
31	The Role of Occupational Health Services in Psychosocial Risk Management and the Promotion of Mental Health and Well-Being at Work. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3632.	2.6	23
32	Occupational exposure to graphene and silica nanoparticles. Part II: pilot study to identify a panel of sensitive biomarkers of genotoxic, oxidative and inflammatory effects on suitable biological matrices. <i>Nanotoxicology</i> , 2021, 15, 223-237.	3.0	23
33	Work-related stress risk assessment in Italy: the validation study of health safety and executive indicator tool. <i>Giornale Italiano Di Medicina Del Lavoro Ed Ergonomia</i> , 2012, 34, 392-9.	0.3	23
34	Study of Cytotoxic and Genotoxic Effects of Hydroxyl-Functionalized Multiwalled Carbon Nanotubes on Human Pulmonary Cells. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-9.	2.7	22
35	Assessing the Risk of Stress in Organizations: Getting the Measure of Organizational-Level Stressors. <i>Frontiers in Psychology</i> , 2019, 10, 2776.	2.1	22
36	Work a key determinant in COVID-19 risk. <i>The Lancet Global Health</i> , 2020, 8, e1368.	6.3	21

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37	Chromosomal aberrations in long-haul air crew members. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2002, 513, 11-15.	1.7	20
38	Improving Working Conditions and Job Satisfaction in Healthcare: A Study Concept Design on a Participatory Organizational Level Intervention in Psychosocial Risks Management. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3677.	2.6	18
39	The future of scientific conferences in the era of the COVID-19 pandemic: Critical analysis and future perspectives. <i>Industrial Health</i> , 2021, 59, 334-339.	1.0	18
40	Direct oxidative DNA damage and apoptosis induction in different human respiratory cells exposed to low concentrations of sodium chromate. <i>Journal of Applied Toxicology</i> , 2010, 30, 218-225.	2.8	17
41	Biomarkers of early genotoxicity and oxidative stress for occupational risk assessment of exposure to styrene in the fibreglass reinforced plastic industry. <i>Toxicology Letters</i> , 2018, 298, 53-59.	0.8	17
42	Low-dose computed tomography screening for lung cancer in people with workplace exposure to asbestos. <i>Lung Cancer</i> , 2019, 131, 23-30.	2.0	17
43	Hexavalent Chromium Compounds in the Workplace: Assessing the Extent and Magnitude of Occupational Exposure in Italy. <i>Journal of Occupational and Environmental Hygiene</i> , 2012, 9, 398-407.	1.0	16
44	Association between asbestos exposure and pericardial and tunica vaginalis testis malignant mesothelioma: a case-control study and epidemiological remarks. <i>Scandinavian Journal of Work, Environment and Health</i> , 2020, 46, 609-617.	3.4	16
45	Mesothelioma incidence surveillance systems and claims for workers' compensation. Epidemiological evidence and prospects for an integrated framework. <i>BMC Public Health</i> , 2012, 12, 314.	2.9	15
46	An evaluation of the impact of a policy-level intervention to address psychosocial risks on organisational action in Italy. <i>Safety Science</i> , 2017, 100, 103-109.	4.9	15
47	Assessing Objective and Verifiable Indicators Associated With Work-Related Stress: Validation of a Structured Checklist for the Assessment and Management of Work-Related Stress. <i>Frontiers in Psychology</i> , 2018, 9, 2424.	2.1	15
48	Workers' Exposure Assessment during the Production of Graphene Nanoplatelets in R&D Laboratory. <i>Nanomaterials</i> , 2020, 10, 1520.	4.1	15
49	Assessment of the Influence of Crystalline Form on Cyto-Genotoxic and Inflammatory Effects Induced by TiO <sub>2</sub> Nanoparticles on Human Bronchial and Alveolar Cells. <i>Nanomaterials</i> , 2021, 11, 253.	4.1	14
50	Cyto-genotoxic effects of smoke from commercial filter and non-filter cigarettes on human bronchial and pulmonary cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 750, 1-11.	1.7	13
51	DNA damage and TNFalpha cytokine production in hairdressers with contact dermatitis. <i>Contact Dermatitis</i> , 2005, 53, 125-129.	1.4	12
52	Occupational cancer in Italy: Evaluating the extent of compensated cases in the period 1994-2006. <i>American Journal of Industrial Medicine</i> , 2009, 52, 859-867.	2.1	12
53	Assessment of DNA Damage and Telomerase Activity in Exfoliated Urinary Cells as Sensitive and Noninvasive Biomarkers for Early Diagnosis of Bladder Cancer in Ex-Workers of a Rubber Tyres Industry. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	12
54	Do Italian Companies Manage Work-Related Stress Effectively? A Process Evaluation in Implementing the INAIL Methodology. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	12

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55	Psychosocial Factors and Workers'™ Health and Safety. <i>BioMed Research International</i> , 2015, 2015, 1-3.	1.9	11
56	An integrated and multi-technique approach to characterize airborne graphene flakes in the workplace during production phases. <i>Nanoscale</i> , 2021, 13, 3841-3852.	5.6	11
57	Developing a cost-estimation model for work-related stress: An absence-based estimation using data from two Italian case studies. <i>Scandinavian Journal of Work, Environment and Health</i> , 2021, 47, 318-327.	3.4	9
58	Economic change and population health: lessons learnt from an umbrella review on the Great Recession. <i>BMJ Open</i> , 2022, 12, e060710.	1.9	8
59	Measurement techniques of exposure to nanomaterials in workplaces. , 2019, , 785-813.		7
60	The Interplay among Age and Employment Status on the Perceptions of Psychosocial Risk Factors at Work. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3611.	2.6	7
61	New avenues for prevention of occupational cancer: a global policy perspective. <i>Occupational and Environmental Medicine</i> , 2019, 76, 360-362.	2.8	6
62	Nickel compounds in the workplaces: Occupations and activities involving high-risk exposures in Italy. <i>American Journal of Industrial Medicine</i> , 2018, 61, 968-977.	2.1	5
63	Temporal trend in the compensation claim applications for work-related COVID-19 in Italy. <i>Medicina Del Lavoro</i> , 2021, 112, 219-228.	0.4	5
64	The Impact of the First Wave of the COVID-19 Pandemic on Healthcare Workers: An Italian Retrospective Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5205.	2.6	5
65	The management of psychosocial risks at work: state of the art and future perspectives. <i>Medicina Del Lavoro</i> , 2020, 111, 335-350.	0.4	4
66	Italian National Register of Occupational Cancers: Data System and Findings. <i>Journal of Occupational and Environmental Medicine</i> , 2010, 52, 346-353.	1.7	3
67	Biomonitoring of workers employed in a titanium dioxide production plant: Use of buccal micronucleus cytome assay as noninvasive biomarker to evaluate genotoxic and cytotoxic effects. <i>Environmental and Molecular Mutagenesis</i> , 2021, 62, 242-251.	2.2	3
68	How Much Does My Work Affect My Health? The Relationships between Working Conditions and Health in an Italian Survey. <i>Safety and Health at Work</i> , 2021, 12, 370-376.	0.6	3
69	Implementing Smart Working in Public Administration: a follow up study. <i>Medicina Del Lavoro</i> , 2021, 112, 141-152.	0.4	3
70	The impact of vinyl chloride exposure on the health of Italian workers: an evaluation from SIREP compliance data. <i>Archives of Environmental and Occupational Health</i> , 2022, 77, 372-381.	1.4	2
71	Author's reply. <i>Scandinavian Journal of Work, Environment and Health</i> , 2021, 47, 87-89.	3.4	2
72	Evaluation of Direct-Oxidative DNA Damage on Human Lung Epithelial Cells Exposed to Urban Airborne Particulate Matter. <i>Water, Air and Soil Pollution</i> , 2009, 9, 69-77.	0.8	1

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73	Kinematic analysis of post office employees' workstations. <i>Work</i> , 2012, 41, 2012-2016.	1.1	1
74	An innovative approach to identify past exposure to asbestos integrating questionnaire information and administrative data. <i>Health Policy</i> , 2021, 125, 246-253.	3.0	1
75	Nanomaterial Interactions with Biological Systems: Implications for Occupational Health. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-2.	2.7	0
76	Evaluating Antineoplastic Agents and Occupational Exposures Among Italian Workers Using SIREP Surveillance System. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, 669-675.	1.7	0
77	Assessment of exposure to cobalt and its compounds in Italian industrial settings. <i>Medicina Del Lavoro</i> , 2020, 111, 22-31.	0.4	0