

# Ruggero Vigliaturo

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

253  
citations

933447

10  
h-index

996975

15  
g-index

24  
all docs

24  
docs citations

24  
times ranked

290  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoscale transformations of amphiboles within human alveolar epithelial cells. <i>Scientific Reports</i> , 2022, 12, 1782.	3.3	7
2	Asbestos and Other Hazardous Fibrous Minerals: Potential Exposure Pathways and Associated Health Risks. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4031.	2.6	16
3	Alteration of yellow traffic paint in simulated environmental and biological fluids. <i>Science of the Total Environment</i> , 2021, 750, 141202.	8.0	8
4	Multi-scale characterization of glaucophane from Chiavolino (Biella, Italy): implications for international regulations on elongate mineral particles. <i>European Journal of Mineralogy</i> , 2021, 33, 77-112.	1.3	9
5	Reply to Mirabelli et al. Is Mesothelioma Unrelated to the Lung Asbestos Burden? Comment on a€œVisonA et al. Inorganic Fiber Lung Burden in Subjects with Occupational and/or Anthropogenic Environmental Asbestos Exposure in Broni (Pavia, Northern Italy): An SEM-EDS Study on Autoptic Samples. <i>Int. J. Environ. Res. Public Health</i> 2021, 18, 2053â€• <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7181.	2.6	3
6	Mineral fibres and environmental monitoring: A comparison of different analytical strategies in New Caledonia. <i>Geoscience Frontiers</i> , 2020, 11, 189-202.	8.4	19
7	Microâ€•and nanoâ€•scale mineralogical characterization of Fe(II)â€•oxidizing bacterial stalks. <i>Geobiology</i> , 2020, 18, 606-618.	2.4	5
8	Dimensional distribution control of elongate mineral particles for their use in biological assays. <i>MethodsX</i> , 2020, 7, 100937.	1.6	7
9	Opaline phytoliths in <i>Miscanthus sinensis</i> and its cyclone ash from a biomass-combustion facility. <i>Industrial Crops and Products</i> , 2019, 139, 111539.	5.2	3
10	Mineral Fibres and Asbestos Bodies in Human Lung Tissue: A Case Study. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 618.	2.0	18
11	Experimental quantification of the Fe-valence state at amosite-asbestos boundaries using acSTEM dual-electron energy-loss spectroscopy. <i>American Mineralogist</i> , 2019, 104, 1820-1828.	1.9	8
12	Depicting the crystal structure of fibrous ferrierite from British Columbia using a combined synchrotron techniques approach. <i>Journal of Applied Crystallography</i> , 2019, 52, 1397-1408.	4.5	7
13	DISSOLUTION EXPERIMENTS OF YELLOW TRAFFIC PAINT CONTAINING LEAD CHROMATE (PBCRO <sub>4</sub> ), 2019, , .		0
14	Assessment of the potential hazard represented by natural raw materials containing mineral fibresâ€•The case of the feldspar from Orani, Sardinia (Italy). <i>Journal of Hazardous Materials</i> , 2018, 350, 76-87.	12.4	12
15	Is fibrous ferrierite a potential health hazard? Characterization and comparison with fibrous erionite. <i>American Mineralogist</i> , 2018, 103, 1044-1055.	1.9	21
16	Mineralogical Characterization and Dissolution Experiments in Gambleâ€™s Solution of Tremolitic Amphibole from Passo di Caldenno (Sondrio, Italy). <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 557.	2.0	11
17	High-temperature behavior of natural ferrierite: In-situ synchrotron X-ray powder diffraction study. <i>American Mineralogist</i> , 2018, 103, 1741-1748.	1.9	5
18	Infra Red Spectroscopy of the Regulated Asbestos Amphiboles. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 413.	2.0	16

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19	New insights into the toxicity of mineral fibres: A combined in situ synchrotron $\mu$ -XRD and HR-TEM study of chrysotile, crocidolite, and erionite fibres found in the tissues of Sprague-Dawley rats. <i>Toxicology Letters</i> , 2017, 274, 20-30.	0.8	14
20	“Rinse and trickle” a protocol for TEM preparation and investigation of inorganic fibers from biological material. <i>Inhalation Toxicology</i> , 2016, 28, 357-363.	1.6	6
21	Stability of mineral fibres in contact with human cell cultures. An in situ $\mu$ XANES, $\mu$ XRD and XRF iron mapping study. <i>Chemosphere</i> , 2016, 164, 547-557.	8.2	23
22	The wild rat as sentinel animal in the environmental risk assessment of asbestos pollution: A pilot study. <i>Science of the Total Environment</i> , 2014, 479-480, 31-38.	8.0	8
23	Structure and Morphology in Diffusion-Driven Growth of Nanowires: The Case of ZnTe. <i>Nano Letters</i> , 2014, 14, 1877-1883.	9.1	26