

# Chiara Copat

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

3,144  
citations

147726

31  
h-index

155592

55  
g-index

71  
all docs

71  
docs citations

71  
times ranked

3944  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytoremediation of contaminated soils by heavy metals and PAHs. A brief review. <i>Environmental Technology and Innovation</i> , 2017, 8, 309-326.	3.0	284
2	The role of air pollution (PM and NO <sub>2</sub> ) in COVID-19 spread and lethality: A systematic review. <i>Environmental Research</i> , 2020, 191, 110129.	3.7	274
3	Heavy metals concentrations in fish and shellfish from eastern Mediterranean Sea: Consumption advisories. <i>Food and Chemical Toxicology</i> , 2013, 53, 33-37.	1.8	259
4	Exposure to microplastics (<math>\leq 1\mu\text{m}</math>) associated to plastic bottles mineral water consumption: The first quantitative study. <i>Water Research</i> , 2019, 157, 365-371.	5.3	207
5	Heavy Metals Concentrations in Fish from Sicily (Mediterranean Sea) and Evaluation of Possible Health Risks to Consumers. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 88, 78-83.	1.3	194
6	Trace elements in seafood from the Mediterranean sea: An exposure risk assessment. <i>Food and Chemical Toxicology</i> , 2018, 115, 13-19.	1.8	88
7	Sometimes Sperm Whales ( <i>Physeter macrocephalus</i> ) Cannot Find Their Way Back to the High Seas: A Multidisciplinary Study on a Mass Stranding. <i>PLoS ONE</i> , 2011, 6, e19417.	1.1	84
8	PAHs in seafood from the Mediterranean Sea: An exposure risk assessment. <i>Food and Chemical Toxicology</i> , 2018, 115, 385-390.	1.8	77
9	Heavy metal concentrations in edible muscle of whitecheek shark, <i>Carcharhinus dussumieri</i> (elasmobranchii, chondrichthyes) from the Persian Gulf: A food safety issue. <i>Food and Chemical Toxicology</i> , 2016, 97, 135-140.	1.8	73
10	Bioaccumulation of cadmium and lead and its effects on hepatopancreas morphology in three terrestrial isopod crustacean species. <i>Ecotoxicology and Environmental Safety</i> , 2014, 110, 269-279.	2.9	72
11	Determination of illegal antimicrobials in aquaculture feed and fish: An ELISA study. <i>Food Control</i> , 2015, 50, 937-941.	2.8	69
12	Phytoremediation potential of <i>Arundo donax</i> (Giant Reed) in contaminated soil by heavy metals. <i>Environmental Research</i> , 2020, 185, 109427.	3.7	66
13	Mercury and selenium intake by seafood from the Ionian Sea: A risk evaluation. <i>Ecotoxicology and Environmental Safety</i> , 2014, 100, 87-92.	2.9	64
14	Evaluation of Heavy Metals and Polycyclic Aromatic Hydrocarbons (PAHs) in <i>Mullus barbatus</i> from Sicily Channel and Risk-Based Consumption Limits. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 88, 946-950.	1.3	62
15	Metal and essential element levels in hair and association with autism severity. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 57, 126409.	1.5	61
16	Potential risk assessment of trace metals accumulation in food, water and edible tissue of rainbow trout ( <i>Oncorhynchus mykiss</i> ) farmed in Haraz River, northern Iran. <i>Toxin Reviews</i> , 2016, 35, 141-146.	1.5	59
17	Systematic review of arsenic in fresh seafood from the Mediterranean Sea and European Atlantic coasts: A health risk assessment. <i>Food and Chemical Toxicology</i> , 2019, 126, 322-331.	1.8	55
18	Efficiency of Wastewater Treatment Plants (WWTPs) for Microplastic Removal: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8014.	1.2	51

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19	Polycyclic aromatic hydrocarbons in <i>Haliotis tuberculata</i> (Linnaeus, 1758) (Mollusca, Gastropoda): Considerations on food safety and source investigation.. <i>Food and Chemical Toxicology</i> , 2016, 94, 57-63.	1.8	46
20	Implication of dietary phthalates in breast cancer. A systematic review. <i>Food and Chemical Toxicology</i> , 2018, 118, 667-674.	1.8	46
21	First data on trace elements in <i>Haliotis tuberculata</i> ( Linnaeus, 1758 ) from southern Italy: Safety issues. <i>Food and Chemical Toxicology</i> , 2015, 81, 143-150.	1.8	44
22	Seasonal variation of bioaccumulation in <i>Engraulis encrasicolus</i> (Linnaeus, 1758) and related biomarkers of exposure. <i>Ecotoxicology and Environmental Safety</i> , 2012, 86, 31-37.	2.9	41
23	Biomarkers of Exposure to Chemical Contamination in the Commercial Fish Species <i>Lepidopus caudatus</i> (Euphrasen, 1788): A Particular Focus on Plastic Additives. <i>Frontiers in Physiology</i> , 2019, 10, 905.	1.3	41
24	Exposure to multiple metals/metalloids and human semen quality: A cross-sectional study. <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112165.	2.9	41
25	Biochemical and bioaccumulation approaches for investigating marine pollution using Mediterranean rainbow wrasse, <i>Coris julis</i> (Linnaeus 1798). <i>Ecotoxicology and Environmental Safety</i> , 2012, 86, 168-175.	2.9	40
26	Evaluation of a temporal trend heavy metals contamination in <i>Posidonia oceanica</i> (L.) Delile, (1813) along the western coastline of Sicily (Italy). <i>Journal of Environmental Monitoring</i> , 2012, 14, 187-192.	2.1	39
27	Heavy metal content and molecular species identification in canned tuna: Insights into human food safety. <i>Molecular Medicine Reports</i> , 2017, 15, 3430-3437.	1.1	38
28	Effects of heavy metal accumulation on some reproductive characters in <i>Armadillidium granulatum</i> Brandt (Crustacea, Isopoda, Oniscidea). <i>Ecotoxicology and Environmental Safety</i> , 2013, 98, 66-73.	2.9	37
29	Determination of total vanadium and vanadium(V) in groundwater from Mt. Etna and estimate of daily intake of vanadium(V) through drinking water. <i>Journal of Water and Health</i> , 2015, 13, 522-530.	1.1	37
30	Î±-Lipoic Acid Reduces Iron-induced Toxicity and Oxidative Stress in a Model of Iron Overload. <i>International Journal of Molecular Sciences</i> , 2019, 20, 609.	1.8	37
31	Bioaccumulation of trace metals in banded Persian bamboo shark ( <i>Chiloscyllium arabicum</i> ) from the Persian Gulf: A food safety issue. <i>Food and Chemical Toxicology</i> , 2018, 113, 198-203.	1.8	33
32	Microplastics in fillets of Mediterranean seafood. A risk assessment study. <i>Environmental Research</i> , 2022, 204, 112247.	3.7	31
33	Groundwater-based water wells characterization from Guinea Bissau (Western Africa): A risk evaluation for the local population. <i>Science of the Total Environment</i> , 2018, 619-620, 916-926.	3.9	29
34	Bioaccumulation of metals and biomarkers of environmental stress in <i>Parablennius sanguinolentus</i> (Pallas, 1814) sampled along the Italian coast. <i>Marine Pollution Bulletin</i> , 2017, 122, 288-296.	2.3	28
35	Strategies for Disease Prevention and Health Promotion in Urban Areas: The Erice 50 Charter. <i>Annali Di Igiene: Medicina Preventiva E Di Comunita</i> , 2017, 29, 481-493.	0.5	28
36	Assessment of environmental stress in <i>Parablennius sanguinolentus</i> (Pallas, 1814) of the Sicilian Ionian coast. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1278-1286.	2.9	25

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37	Trace-Metal Enrichment and Pollution in Coastal Sediments in the Northern Tyrrhenian Sea, Italy. Archives of Environmental Contamination and Toxicology, 2015, 69, 470-481.	2.1	23
38	Transition and heavy metals compared to oxidative parameter balance in patients with deep vein thrombosis: A case-control study. Molecular Medicine Reports, 2017, 15, 3438-3444.	1.1	23
39	Mercury Enrichment in Sediments of the Coastal Area of Northern Latium, Italy. Bulletin of Environmental Contamination and Toxicology, 2016, 96, 630-637.	1.3	22
40	Metallothioneins and heat shock proteins 70 in Armadillidium vulgare (Isopoda, Oniscidea) exposed to cadmium and lead. Ecotoxicology and Environmental Safety, 2015, 116, 99-106.	2.9	21
41	In vivo exposure of the marine sponge Chondrilla nucula Schmidt, 1862 to cadmium (Cd), copper (Cu) and lead (Pb) and its potential use for bioremediation purposes. Chemosphere, 2018, 193, 1049-1057.	4.2	19
42	Reply for comment on "Exposure to microplastics (<math>\leq 10 \mu\text{m}</math>) associated to plastic bottles mineral water consumption: The first quantitative study by Zuccarello et al. [Water Research 157 (2019) 365-371]". Water Research, 2019, 166, 115077.	5.3	19
43	Possible association between PM2.5 and neurodegenerative diseases: A systematic review. Environmental Research, 2022, 208, 112581.	3.7	19
44	Trace elements bioaccumulation in liver and fur of Myotis myotis from two caves of the eastern side of Sicily (Italy): A comparison between a control and a polluted area. Environmental Pollution, 2018, 240, 273-285.	3.7	18
45	Dietary habits and thyroid cancer risk: A hospital-based case-control study in Sicily (South Italy). Food and Chemical Toxicology, 2020, 146, 111778.	1.8	17
46	CSF neurotoxic metals/metalloids levels in amyotrophic lateral sclerosis patients: comparison between bulbar and spinal onset. Environmental Research, 2020, 188, 109820.	3.7	17
47	Dietary exposure of zinc oxide nanoparticles (ZnO-NPs) from canned seafood by single particle ICP-MS: Balancing of risks and benefits for human health. Ecotoxicology and Environmental Safety, 2022, 231, 113217.	2.9	17
48	Morphostructural and immunohistochemical study on the role of metallothionein in the detoxification of heavy metals in <i>Apis mellifera</i> L., 1758. Microscopy Research and Technique, 2017, 80, 1215-1220.	1.2	16
49	Chemical Characterization and Quantification of Titanium Dioxide Nanoparticles (TiO <sub>2</sub> -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
50	Chemical Characterization and Quantification of Silver Nanoparticles (Ag-NPs) and Dissolved Ag in Seafood by Single Particle ICP-MS: Assessment of Dietary Exposure. International Journal of Environmental Research and Public Health, 2021, 18, 4076.	1.2	16
51	Lead exposure and plasma mRNA expression in ERBB2 gene. Molecular Medicine Reports, 2017, 15, 3361-3365.	1.1	15
52	Teratogenic effects of the neonicotinoid thiacloprid on chick embryos (Gallus gallus domesticus). Food and Chemical Toxicology, 2018, 118, 812-820.	1.8	15
53	Physical Activity and Thyroid Cancer Risk: A Case-Control Study in Catania (South Italy). International Journal of Environmental Research and Public Health, 2019, 16, 1428.	1.2	14
54	Metals/Metalloids and Oxidative Status Markers in Saltwater Fish from the Ionic Coast of Sicily, Mediterranean Sea. International Journal of Environmental Research, 2020, 14, 15-27.	1.1	10

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55	Fish-Based Baby Food Concerns—From Species Authentication to Exposure Risk Assessment. <i>Molecules</i> , 2020, 25, 3961.	1.7	10
56	Risk Assessment for Metals and PAHs by Mediterranean Seafood. <i>Food and Nutrition Sciences (Print)</i> , 2013, 04, 10-13.	0.2	10
57	The importance of indicators in monitoring water quality according to European directives. <i>Epidemiologia E Prevenzione</i> , 2015, 39, 71-5.	1.1	8
58	In vitro cytotoxicity profile of e-cigarette liquid samples on primary human bronchial epithelial cells. <i>Drug Testing and Analysis</i> , 2023, 15, 1145-1155.	1.6	8
59	Heavy Metals in Fish from the Mediterranean Sea. , 2015, , 547-562.		7
60	Evaluation of the effects of silver nanoparticles on <i>Danio rerio</i> cornea: Morphological and ultrastructural analysis. <i>Microscopy Research and Technique</i> , 2019, 82, 1297-1301.	1.2	7
61	Trace elements bioaccumulation in <i>Porcellionides pruinosus</i> (Brandt, 1833) and related biomarkers of exposure. <i>Microscopy Research and Technique</i> , 2019, 82, 651-657.	1.2	5
62	Trace Element Bioaccumulation in Stone Curlew ( <i>Burhinus oedicnemus</i> , Linnaeus, 1758): A Case Study from Sicily (Italy). <i>International Journal of Molecular Sciences</i> , 2020, 21, 4597.	1.8	4
63	Bioaccumulation of Metals/Metalloids and Histological and Immunohistochemical Changes in the Tissue of the European Hake, <i>Merluccius merluccius</i> (Linnaeus, 1758) (Pisces: Gadiformes.) <i>Tj ETQq1 1 0.784314 rgBT /Overlogk 10 T</i> 2020, 8, 712.	1.2	3
64	First Results about an <i>Ostreopsis Ovata</i> Monitoring along the Catania Coast (Sicily-Italy). <i>Epidemiology</i> , 2009, 20, S159.	1.2	2
65	Trace elements in the muscle tissue of <i>Hemiculter leucisculus</i> and <i>Abramis brama orientalis</i> from the Anzali International wetland, south-west of Caspian Sea: An exposure risk assessment. <i>Marine Pollution Bulletin</i> , 2022, 180, 113756.	2.3	2
66	Role of Age and Sex on Simple and Complex Carbohydrates Rich Foods Consumption and Thyroid Cancer Risk: Hospital Based Case - Control Study. <i>Open Public Health Journal</i> , 2021, 14, 38-44.	0.1	1
67	Inorganic Composition of PM10 and PM2.5 Fractions, From an Industrial Zone in the Eastern Sicily, Italy. <i>Epidemiology</i> , 2011, 22, S196.	1.2	0
68	P-429. <i>Epidemiology</i> , 2012, 23, 1.	1.2	0
69	P-383. <i>Epidemiology</i> , 2012, 23, 1.	1.2	0
70	Role of in vitro exposure to TiO2 nanoparticles in human colorectal carcinoma cells cytotoxicity. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
71	A comparison of the metals and metalloid levels in wild and cultured <i>Capoeta damascina</i> fish and assessment of its potential health risks to humans in Iran. <i>Toxin Reviews</i> , 2022, 41, 1179-1190.	1.5	0