

Chiara Frazzoli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/862256/publications.pdf>

Version: 2024-02-01

75
papers

1,478
citations

394421

19
h-index

377865

34
g-index

75
all docs

75
docs citations

75
times ranked

1690
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnostic health risk assessment of electronic waste on the general population in developing countries' scenarios. <i>Environmental Impact Assessment Review</i> , 2010, 30, 388-399.	9.2	187
2	COST action TD1407: network on technology-critical elements (NOTICE)â€”from environmental processes to human health threats. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15188-15194.	5.3	128
3	Trafficâ€”Related Elements in Airborne Particulate Matter. <i>Applied Spectroscopy Reviews</i> , 2007, 43, 23-49.	6.7	78
4	Natural antidotes and management of metal toxicity. <i>Environmental Science and Pollution Research</i> , 2019, 26, 18032-18052.	5.3	71
5	Identification and management of toxicological hazards of street foods in developing countries. <i>Food and Chemical Toxicology</i> , 2014, 63, 143-152.	3.6	57
6	Exploiting Nutritional Value of Staple Foods in the Worldâ€™s Semi-Arid Areas: Risks, Benefits, Challenges and Opportunities of Sorghum. <i>Healthcare (Switzerland)</i> , 2015, 3, 172-193.	2.0	52
7	Public Health Burden of E-waste in Africa. <i>Journal of Health and Pollution</i> , 2019, 9, 190610.	1.8	49
8	The One Health Perspective in Trace Elements Biomonitoring. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2015, 18, 344-370.	6.5	44
9	The Hotspot for (Global) One Health in Primary Food Production: Aflatoxin M1 in Dairy Products. <i>Frontiers in Public Health</i> , 2016, 4, 294.	2.7	35
10	Use of Bisphenol A-containing baby bottles in Cameroon and Nigeria and possible risk management and mitigation measures: community as milestone for prevention. <i>Science of the Total Environment</i> , 2014, 481, 296-302.	8.0	34
11	Detection of ciprofloxacin residues in cow milk: A novel and rapid optical Î²-galactosidase-based screening assay. <i>Microchemical Journal</i> , 2018, 136, 128-132.	4.5	30
12	Metal pollution of soil, plants, feed and food in the Niger Delta, Nigeria: Health risk assessment through meat and fish consumption. <i>Environmental Research</i> , 2021, 198, 111273.	7.5	30
13	Risk assessment of endocrine-active compounds in feeds. <i>Veterinary Journal</i> , 2009, 182, 392-401.	1.7	28
14	Engaging One Health for Non-Communicable Diseases in Africa: Perspective for Mycotoxins. <i>Frontiers in Public Health</i> , 2017, 5, 266.	2.7	27
15	Functional toxicity and tolerance patterns of bioavailable Pd(II), Pt(II), and Rh(III) on suspended <i>Saccharomyces cerevisiae</i> cells assayed in tandem by a respirometric biosensor. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 2185-2194.	3.7	26
16	Toxicants Exposures as Novel Zoonoses: Reflections on Sustainable Development, Food Safety and Veterinary Public Health. <i>Zoonoses and Public Health</i> , 2010, 57, e136-42.	2.2	26
17	Contaminants in Foods of Animal Origin in Cameroon: A One Health Vision for Risk Management â€”from Farm to Forkâ€”. <i>Frontiers in Public Health</i> , 2017, 5, 197.	2.7	25
18	Determination of Cd and Pb in Honey by SFâ€”CPâ€”MS: Validation Figures and Uncertainty of Results. <i>Analytical Letters</i> , 2007, 40, 1992-2004.	1.8	23

#	ARTICLE	IF	CITATIONS
19	Analysis of Food Safety and Security Challenges in Emerging African Food Producing Areas through a One Health Lens: The Dairy Chains in Mali. <i>Journal of Food Protection</i> , 2017, 80, 57-67.	1.7	22
20	Toxicovigilance Systems and Practices in Africa. <i>Toxics</i> , 2016, 4, 13.	3.7	20
21	Sustainability, Security and Safety in the Feed-to-Fish Chain: Focus on Toxic Contamination. <i>International Journal of Nutrition and Food Sciences</i> , 2015, 4, 6.	0.4	20
22	E-WASTE threatens health: The scientific solution adopts the one health strategy. <i>Environmental Research</i> , 2022, 212, 113227.	7.5	20
23	A new respirometric endpoint-based biosensor to assess the relative toxicity of chemicals on immobilized human cells. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 273-279.	6.0	18
24	Microbial screening for quinolones residues in cow milk by bio-optical method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 106, 179-185.	2.8	18
25	Street foods exacerbate effects of the environmental burden of polycyclic aromatic hydrocarbons (PAHs) in Nigeria. <i>Environmental Science and Pollution Research</i> , 2018, 25, 5529-5538.	5.3	18
26	Toxicological risk factors in the burden of malnutrition: The case of nutrition (and risk) transition in sub-Saharan Africa. <i>Food and Chemical Toxicology</i> , 2020, 146, 111789.	3.6	18
27	Sentinel species for biomonitoring and biosurveillance of environmental heavy metals in Nigeria. <i>Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis</i> , 2020, 38, 21-60.	0.7	16
28	Arsenic and toxic metals in meat and fish consumed in Niger delta, Nigeria: Employing the margin of exposure approach in human health risk assessment. <i>Food and Chemical Toxicology</i> , 2022, 159, 112767.	3.6	16
29	Investigation of palladium and platinum levels in food by sector field inductively coupled plasma mass spectrometry. <i>Food Additives and Contaminants</i> , 2007, 24, 546-552.	2.0	15
30	Health risks from lost awareness of cultural behaviours rooted in traditional medicine: An insight in geophagy and mineral intake. <i>Science of the Total Environment</i> , 2016, 566-567, 1465-1471.	8.0	15
31	Elements of kitchen toxicology to exploit the value of traditional (African) recipes: The case of Egusi Okra meal in the diet of HIV+/AIDS subjects. <i>Toxicology Reports</i> , 2017, 4, 474-483.	3.3	15
32	Validation, uncertainty estimation and application of a sector field ICP MS-based method for As, Cd and Pb in cow's milk and infant formulas. <i>Mikrochimica Acta</i> , 2008, 162, 43-50.	5.0	14
33	Framework to Define Structure and Boundaries of Complex Health Intervention Systems: The ALERT Project. <i>Frontiers in Public Health</i> , 2017, 5, 182.	2.7	14
34	Heavy metals and arsenic in soil and vegetation of Niger Delta, Nigeria: Ecological risk assessment. <i>Case Studies in Chemical and Environmental Engineering</i> , 2022, 6, 100222.	6.1	14
35	Diuron in Water: Functional Toxicity and Intracellular Detoxification Patterns of Active Concentrations Assayed in Tandem by a Yeast-Based Probe. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 3731-3740.	2.6	13
36	Risk Factors for Non-communicable Diseases in Vietnam: A Focus on Pesticides. <i>Frontiers in Environmental Science</i> , 2017, 5, .	3.3	13

#	ARTICLE	IF	CITATIONS
37	Management of Iron Overload in Resource Poor Nations: A Systematic Review of Phlebotomy and Natural Chelators. <i>Journal of Toxicology</i> , 2020, 2020, 1-14.	3.0	13
38	Concentrations of polycyclic aromatic hydrocarbons in samples of soil, feed and food collected in the Niger Delta region, Nigeria: A probabilistic human health risk assessment. <i>Environmental Research</i> , 2021, 202, 111619.	7.5	13
39	Sustainable development and next generation's health: a long-term perspective about the consequences of today's activities for food safety. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2009, 45, 65-75.	0.4	13
40	An optical biosensor based on a multiarray of enzymes for monitoring a large set of chemical classes in milk. <i>Sensors and Actuators B: Chemical</i> , 2015, 215, 607-617.	7.8	12
41	Local Role of Food Producers' Communities for a Global One-Health Framework: The Experience of Translational Research in an Italian Dairy Chain. <i>Journal of Agricultural Chemistry and Environment</i> , 2014, 03, 14-19.	0.5	12
42	Uptake of platinum-group elements with the diet: A preliminary investigation. <i>Pure and Applied Chemistry</i> , 2006, 78, 69-78.	1.9	11
43	Editorial: The Environment-Animal-Human Web: A "One Health" View of Toxicological Risk Analysis. <i>Frontiers in Public Health</i> , 2018, 6, 353.	2.7	11
44	Risk assessment of toxic contaminants in animal feed.. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 0, , 1-14.	1.0	10
45	Organic forms of trace elements as feed additives: Assessment of risks and benefits for farm animals and consumers. <i>Pure and Applied Chemistry</i> , 2010, 82, 393-407.	1.9	9
46	Cadmium and lead in geophagic clay consumed in Southern Nigeria: health risk from such traditional nutraceutical. <i>Environmental Geochemistry and Health</i> , 2020, 42, 3865-3875.	3.4	9
47	Nigerian foods of probiotics relevance and chronic metal exposure: a systematic review. <i>Environmental Science and Pollution Research</i> , 2020, 27, 19285-19297.	5.3	9
48	Toxicological Risk Analysis in Data-Poor Countries: A Narrative Approach to Feed an "Awareness Raising" Community Empowerment Vortex. <i>Medicina (Lithuania)</i> , 2020, 56, 629.	2.0	8
49	Antioxidant power as biochemical endpoint in bread for screening and early managing quality and toxicant-related safety anomalies in food production. <i>Food and Chemical Toxicology</i> , 2016, 94, 31-38.	3.6	7
50	From Invention to Innovation: Risk Analysis to Integrate One Health Technology in the Dairy Farm. <i>Frontiers in Public Health</i> , 2017, 5, 302.	2.7	7
51	Waste of Fresh Fruits in Yaoundé, Cameroon: Challenges for Retailers and Impacts on Consumer Health. <i>Agriculture (Switzerland)</i> , 2021, 11, 89.	3.1	7
52	Sensor with Intact or Modified Yeast Cells as Rapid Device for Toxicological Test of Chemicals. <i>Journal of Agricultural Chemistry and Environment</i> , 2014, 03, 35-40.	0.5	6
53	Human dietary exposure to metals in the Niger delta region, Nigeria: Health risk assessment. <i>Environmental Research</i> , 2022, 207, 112234.	7.5	6
54	Analytical accuracy for trace elements in food: A graphical approach to support uncertainty analysis in assessing dietary exposure. <i>Toxicological and Environmental Chemistry</i> , 2010, 92, 641-654.	1.2	5

#	ARTICLE	IF	CITATIONS
55	Understanding Seasonal Changes to Improve Good Practices in Livestock Management. <i>Frontiers in Public Health</i> , 2018, 6, 175.	2.7	5
56	Amperometric Cytosensor for Studying Mitochondrial Interferences Induced by Plasticizers Bisphenol B and Bisphenol A. <i>Molecules</i> , 2020, 25, 5185.	3.8	5
57	Blood donation and heavy metal poisoning in developing nations: Any link?. <i>Transfusion and Apheresis Science</i> , 2021, 60, 103067.	1.0	5
58	Natural occurring radioactive materials (NORMs) from mining sites in Nigeria: A systematic review of geographical distribution and public health concern. <i>Journal of Environmental Radioactivity</i> , 2022, 249, 106889.	1.7	5
59	A CRL-IRMM joint proficiency test for trace elements in fish tissue. <i>Microchemical Journal</i> , 2005, 79, 125-132.	4.5	4
60	Toxic Metals and Non-Communicable Diseases in HIV Population: A Systematic Review. <i>Medicina (Lithuania)</i> , 2021, 57, 492.	2.0	4
61	Field anthropological research for context-effective risk analysis science in traditional cultures: the case of Senegal. <i>Journal of Global Health Reports</i> , 0, 4, .	1.0	4
62	Arsenic and Other Potentially Toxic Trace Elements in Rice. , 0, , 383-400.		3
63	Towards Simazine Monitoring in Agro-Zootechnical Productions: A Yeast Cell Bioprobe for Real Samples Screening. <i>Biosensors</i> , 2018, 8, 112.	4.7	3
64	Electronic Waste and Human Health. , 2019, , 315-323.		3
65	Phytowaste as nutraceuticals in boosting public health. <i>Clinical Phytoscience</i> , 2021, 7, .	1.6	3
66	The vulnerable and the susceptible: The weight of evidenza to stop exploiting activities generating toxic exposures in unprotected and deprived countries. <i>Journal of Global Health</i> , 2021, 11, 03046.	2.7	3
67	Augmenting Clinical Interventions in Psychiatric Disorders: Systematic Review and Update on Nutrition. <i>Frontiers in Psychiatry</i> , 2021, 12, 565583.	2.6	3
68	Trace elements exposure and risk in age-related eye diseases: a systematic review of epidemiological evidence. <i>Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis</i> , 2021, , 1-47.	0.7	3
69	Appropriateness of Essentials Trace Metals in Commonly Consumed Infant Formulae in Nigeria. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2019, 7, 4168-4175.	0.2	3
70	Official control and self-monitoring: Data agreement report in the integrated food safety system of an Italian dairy chain. <i>International Dairy Journal</i> , 2019, 97, 185-190.	3.0	2
71	Biography of guest editors Dr. Sergio Caroli and Dr. Chiara Frazzoli. <i>Microchemical Journal</i> , 2005, 79, 3-4.	4.5	1
72	Car Catalytic Converters and the Contamination of Food by Platinum-Group Elements. , 0, , 353-381.		1

#	ARTICLE	IF	CITATIONS
73	Microalgae-Based Fluorimetric Bioassays for Studying Interferences on Photosynthesis Induced by Environmentally Relevant Concentrations of the Herbicide Diuron. <i>Biosensors</i> , 2022, 12, 67.	4.7	1
74	Development and in-house validation of biosensor-based transferable techniques for the low-cost toxicity quantification in agro-zootechnical foodstuffs. <i>Toxicology Letters</i> , 2006, 164, S185.	0.8	0
75	Combined education course on nutrition, hand-washing and dental care in primary schools in Yaoundé, Cameroon. <i>Journal of Global Health Reports</i> , 0, 6, .	1.0	0