

Anna Ronchi

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

1,549
citations

361413

20
h-index

315739

38
g-index

81
all docs

81
docs citations

81
times ranked

2199
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Effects of different schedules of oxaliplatin treatment on the peripheral nervous system of the rat. <i>European Journal of Cancer</i> , 2001, 37, 2457-2463. | 2.8 | 241 |
| 2 | Treatment with lithium carbonate does not improve disease progression in two different strains of SOD1 mutant mice. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2009, 10, 221-228. | 2.1 | 127 |
| 3 | Dietary exposure estimates of twenty-one trace elements from a Total Diet Study carried out in Pavia, Northern Italy. <i>British Journal of Nutrition</i> , 2009, 101, 1200-1208. | 2.3 | 89 |
| 4 | Biological monitoring of hospital personnel occupationally exposed to antineoplastic agents. <i>Toxicology Letters</i> , 2002, 134, 57-64. | 0.8 | 85 |
| 5 | Protective Effect of Erythropoietin and Its Carbamylated Derivative in Experimental Cisplatin Peripheral Neurotoxicity. <i>Clinical Cancer Research</i> , 2006, 12, 2607-2612. | 7.0 | 85 |
| 6 | Increased thyroid cancer incidence in a basaltic volcanic area is associated with non-anthropogenic pollution and biocontamination. <i>Endocrine</i> , 2016, 53, 471-479. | 2.3 | 67 |
| 7 | Assessment of reference values for mercury in urine: the results of an Italian polycentric study. <i>Science of the Total Environment</i> , 2002, 289, 13-24. | 8.0 | 63 |
| 8 | Dental Amalgam and Mercury Levels in Autopsy Tissues. <i>American Journal of Forensic Medicine and Pathology</i> , 2006, 27, 42-45. | 0.8 | 61 |
| 9 | Trace element reference values in tissues from inhabitants of the European community. IV. Influence of dietary factors. <i>Science of the Total Environment</i> , 1994, 141, 181-195. | 8.0 | 52 |
| 10 | Trace element reference values in tissues from inhabitants of the European Community. III. The control of preanalytical factors in the biomonitoring of trace elements in biological fluids. <i>Science of the Total Environment</i> , 1992, 120, 63-79. | 8.0 | 51 |
| 11 | Blood lead reference values: the results of an Italian polycentric study. <i>Science of the Total Environment</i> , 2002, 287, 1-11. | 8.0 | 50 |
| 12 | Phase I clinical and pharmacokinetic study of the oral platinum analogue JM216 given daily for 14 days. <i>Annals of Oncology</i> , 1998, 9, 1315-1322. | 1.2 | 44 |
| 13 | Base excision repair-mediated resistance to cisplatin in KRAS(G12C) mutant NSCLC cells. <i>Oncotarget</i> , 2015, 6, 30072-30087. | 1.8 | 43 |
| 14 | Selenium Fortification of an Italian Rice Cultivar via Foliar Fertilization with Sodium Selenate and Its Effects on Human Serum Selenium Levels and on Erythrocyte Glutathione Peroxidase Activity. <i>Nutrients</i> , 2014, 6, 1251-1261. | 4.1 | 39 |
| 15 | Toxic effects of mercury in humans and mammals. <i>Chemosphere</i> , 2021, 263, 127990. | 8.2 | 38 |
| 16 | Uncertainty of inductively coupled plasma mass spectrometry based measurements: an application to the analysis of urinary barium, cesium, antimony and tungsten. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 3131-3138. | 1.5 | 28 |
| 17 | Trace element reference values in tissues from inhabitants of the European Union. IX. Harmonization of statistical treatment: blood cadmium in Italian subjects. <i>Science of the Total Environment</i> , 1995, 166, 235-243. | 8.0 | 25 |
| 18 | Determination of rare earth elements in urine by electrothermal vaporization inductively coupled plasma mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 579-584. | 1.5 | 24 |

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|----|---|-----|-----------|
| 19 | Comparison of inductively coupled plasma mass spectrometry techniques in the determination of platinum in urine: quadrupole vs. sector field. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1551-1556. | 1.5 | 23 |
| 20 | Allergological and Toxicological Aspects in a Multiple Chemical Sensitivity Cohort. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-12. | 4.0 | 23 |
| 21 | Dental Amalgam, Mercury Toxicity, and Renal Autoimmunity. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2008, 27, 147-155. | 1.2 | 21 |
| 22 | Trace element reference values in tissues from inhabitants of the European Union. VIII. Thallium in the Italian population. <i>Science of the Total Environment</i> , 1994, 158, 227-236. | 8.0 | 18 |
| 23 | N-Acetyl-Cysteine as Effective and Safe Chelating Agent in Metal-on-Metal Hip-Implanted Patients: Two Cases. <i>Case Reports in Orthopedics</i> , 2016, 2016, 1-7. | 0.3 | 18 |
| 24 | Heavy metals in human amniotic fluid: a pilot study. <i>Prenatal Diagnosis</i> , 2011, 31, 792-796. | 2.3 | 17 |
| 25 | Increased Mercury Levels in Patients with Celiac Disease following a Gluten-Free Regimen. <i>Gastroenterology Research and Practice</i> , 2015, 2015, 1-6. | 1.5 | 16 |
| 26 | Boron-Loaded Liposomes in the Treatment of Hepatic Metastases: Preliminary Investigation by Autoradiography Analysis. <i>Drug Delivery</i> , 2000, 7, 97-103. | 5.7 | 15 |
| 27 | Inductively coupled plasma mass spectrometric determination of molybdenum in urine. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 1313-1319. | 1.5 | 15 |
| 28 | Intake of Boron, Cadmium, and Molybdenum enhances rat thyroid cell transformation. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 73. | 8.6 | 15 |
| 29 | Determination of total urinary mercury by on-line sample microwave digestion followed by flow injection cold vapour inductively coupled plasma mass spectrometry or atomic absorption spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 1432-1439. | 1.5 | 14 |
| 30 | Nickel quantification in serum by a validated sector-field inductively coupled plasma mass spectrometry method: assessment of tentative reference values for an Italian population. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 3289-3294. | 1.5 | 11 |
| 31 | Urinary Arsenic in Human Samples from Areas Characterized by Natural or Anthropogenic Pollution in Italy. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 299. | 2.6 | 11 |
| 32 | Concentration of Metals and Trace Elements in the Normal Human and Rat Thyroid: Comparison with Muscle and Adipose Tissue and Volcanic Versus Control Areas. <i>Thyroid</i> , 2020, 30, 290-299. | 4.5 | 11 |
| 33 | Management of high concentrations of cobalt and chromium in blood due to metal-on-metal hip arthroplasty in a pregnant woman. <i>Clinical Toxicology</i> , 2021, 59, 72-73. | 1.9 | 9 |
| 34 | Iron overload, G6PD deficiency, and lead levels on blood smears. <i>International Journal of Hematology</i> , 2016, 103, 724-724. | 1.6 | 8 |
| 35 | Periodontal Disease and Environmental Cadmium Exposure. <i>Environmental Health Perspectives</i> , 2009, 117, A535-6; author reply A536. | 6.0 | 7 |
| 36 | Effects of mercury on the endocrine system. <i>Critical Reviews in Toxicology</i> , 2009, 39, 538-538. | 3.9 | 7 |

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|----|---|------|-----------|
| 37 | Correlating blood mercury and dental amalgams. <i>Science of the Total Environment</i> , 2007, 381, 331. | 8.0 | 6 |
| 38 | Effects of mercury on the endocrine system. <i>Critical Reviews in Toxicology</i> , 2009, 39, 627-627. | 3.9 | 6 |
| 39 | Brief exposure to nanosized and bulk titanium dioxide forms induces subtle changes in human D384 astrocytes. <i>Toxicology Letters</i> , 2016, 254, 8-21. | 0.8 | 5 |
| 40 | Trace element reference values in tissues from inhabitants of the European Union. VIII. Thallium in the Italian population. <i>Science of the Total Environment</i> , 1994, 158, 227-236. | 8.0 | 5 |
| 41 | Mercury in saliva and scalp hair from dental amalgam. <i>Journal of Hazardous Materials</i> , 2010, 179, 1166-1167. | 12.4 | 4 |
| 42 | Human Placenta and Markers of Heavy Metals Exposure. <i>Environmental Health Perspectives</i> , 2013, 121, A10. | 6.0 | 4 |
| 43 | NSE as a biomarker of mercury exposure. <i>Clinical Toxicology</i> , 2014, 52, 444-444. | 1.9 | 3 |
| 44 | Brain gadolinium deposition, hyperintense MRI signals, and resonance contrast agents. <i>Magnetic Resonance Imaging</i> , 2018, 52, 137-138. | 1.8 | 3 |
| 45 | Chemical Exposure, Risk of Multiple Chemical Sensitivity, and Occupational Safety. <i>Safety and Health at Work</i> , 2020, 11, 383-384. | 0.6 | 3 |
| 46 | Fatal mercury poisoning and chelating agents. <i>Forensic Science International</i> , 2010, 202, e61. | 2.2 | 2 |
| 47 | Blood lead, cadmium, and mercury concentrations in the Korean population. <i>Environmental Research</i> , 2010, 110, 532. | 7.5 | 2 |
| 48 | Re: Characteristics of childhood lead poisoning among Tennessee children ages 1â€“5 years, 2009â€“2013. <i>Public Health</i> , 2016, 139, 234. | 2.9 | 2 |
| 49 | Neurocognitive disorders and chronic manganese exposure. <i>Cortex</i> , 2017, 94, 200-201. | 2.4 | 2 |
| 50 | Sudden death and toxic metals following ingestion of a button battery. <i>International Journal of Legal Medicine</i> , 2017, 131, 1009-1010. | 2.2 | 2 |
| 51 | The confounding effects of intra-oral metals in salivary biomarkers. <i>Occupational and Environmental Medicine</i> , 2007, 64, 856-856. | 2.8 | 2 |
| 52 | Measuring mercury exposure in children. <i>Pediatrics International</i> , 2008, 50, 839-840. | 0.5 | 1 |
| 53 | The effect of co-administration of selenium and DMPS in inorganic mercury intoxication in mice. <i>Food and Chemical Toxicology</i> , 2011, 49, 319. | 3.6 | 1 |
| 54 | Influence of Selenium and Mercury on Age-Related Cataracts in the Brazilian Amazon. <i>Environmental Health Perspectives</i> , 2011, 119, A159; author reply A159-60. | 6.0 | 1 |

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|----|--|-----|-----------|
| 55 | Levels of mercury in patient with mercury dental amalgam. Toxicology Letters, 2016, 258, S113. | 0.8 | 1 |
| 56 | Blood manganese concentrations in patients exposed to mercury. Toxicology Letters, 2016, 258, S101. | 0.8 | 1 |
| 57 | Exposure to mercury among Norwegian dentists and dental healthcare personnel. Scandinavian Journal of Work, Environment and Health, 2010, 36, 430-431. | 3.4 | 1 |
| 58 | The uncertainty in ree determination in urine by ETV-ICP-MS: A new approach to data evaluation. Special Publication - Royal Society of Chemistry, 2007, , 240-248. | 0.0 | 0 |
| 59 | Mercury amalgam exposure: Assessment of risks in US after the year 2000. Science of the Total Environment, 2012, 435-436, 584. | 8.0 | 0 |
| 60 | Salivary trace elements levels and <scp>BMS</scp>. Journal of Oral Pathology and Medicine, 2014, 43, 561-562. | 2.7 | 0 |
| 61 | Salivary titanium levels and titanium dental implants. Toxicology Letters, 2015, 238, S164. | 0.8 | 0 |
| 62 | Concentrations of silver in saliva in patients with silver dental alloys. Toxicology Letters, 2015, 238, S152. | 0.8 | 0 |
| 63 | Blood lead levels and adverse dental alloys. Toxicology Letters, 2016, 258, S100. | 0.8 | 0 |
| 64 | Authors' reply to Comment on Management of high concentrations of cobalt and chromium in blood due to metal-on-metal hip arthroplasty in a pregnant woman. Clinical Toxicology, 2021, 59, 84-85. | 1.9 | 0 |
| 65 | Mercury overexposure and atrial fibrillation. Anatolian Journal of Cardiology, 2016, 16, 68-68. | 0.9 | 0 |
| 66 | Serum Neuron-Specific Enolase in Lead-Exposed Individuals. International Journal of Occupational and Environmental Medicine, 2016, 7, 58-60. | 4.2 | 0 |
| 67 | Mercury Poisoning in Operational Settings among Gilders. International Journal of Occupational and Environmental Medicine, 2016, 7, 241-242. | 4.2 | 0 |