

Luis Alberto Henriquez-Hernandez

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111 papers	2,213 citations	28 h-index	39 g-index
113 ext. papers	2,601 ext. citations	5.6 avg, IF	4.72 L-index

#	Paper	IF	Citations
111	Organic pollutants in marine plastic debris from Canary Islands beaches. <i>Science of the Total Environment</i> , 2019 , 662, 22-31	10.2	84
110	Multi-residue method for the determination of 57 persistent organic pollutants in human milk and colostrum using a QuEChERS-based extraction procedure. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 9523-36	4.4	70
109	Continued implication of the banned pesticides carbofuran and aldicarb in the poisoning of domestic and wild animals of the Canary Islands (Spain). <i>Science of the Total Environment</i> , 2015 , 505, 1093-9	10.2	65
108	Complex organochlorine pesticide mixtures as determinant factor for breast cancer risk: a population-based case-control study in the Canary Islands (Spain). <i>Environmental Health</i> , 2012 , 11, 28	6	59
107	Assessment of the exposure to organochlorine pesticides, PCBs and PAHs in six species of predatory birds of the Canary Islands, Spain. <i>Science of the Total Environment</i> , 2014 , 472, 146-53	10.2	57
106	Body burden of toxic metals and rare earth elements in non-smokers, cigarette smokers and electronic cigarette users. <i>Environmental Research</i> , 2018 , 166, 269-275	7.9	53
105	Gene polymorphisms in TYMS, MTHFR, p53 and MDR1 as risk factors for breast cancer: a case-control study. <i>Oncology Reports</i> , 2009 , 22, 1425-33	3.5	52
104	Role of IGF-1 receptor in radiation response. <i>Translational Oncology</i> , 2012 , 5, 1-9	4.9	48
103	Polychlorobiphenyls and organochlorine pesticides in conventional and organic brands of milk: occurrence and dietary intake in the population of the Canary Islands (Spain). <i>Chemosphere</i> , 2012 , 88, 307-15	8.4	48
102	Influence of the method of production of eggs on the daily intake of polycyclic aromatic hydrocarbons and organochlorine contaminants: an independent study in the Canary Islands (Spain). <i>Food and Chemical Toxicology</i> , 2013 , 60, 455-62	4.7	44
101	Assessment of anticoagulant rodenticide exposure in six raptor species from the Canary Islands (Spain). <i>Science of the Total Environment</i> , 2014 , 485-486, 371-376	10.2	43
100	Blood levels of toxic metals and rare earth elements commonly found in e-waste may exert subtle effects on hemoglobin concentration in sub-Saharan immigrants. <i>Environment International</i> , 2017 , 109, 20-28	12.9	42
99	Consumption of foods of animal origin as determinant of contamination by organochlorine pesticides and polychlorobiphenyls: results from a population-based study in Spain. <i>Chemosphere</i> , 2014 , 114, 121-8	8.4	40
98	Background levels of polychlorinated biphenyls in the population of the Canary Islands (Spain). <i>Environmental Research</i> , 2011 , 111, 10-6	7.9	40
97	Assessment of human health hazards associated with the dietary exposure to organic and inorganic contaminants through the consumption of fishery products in Spain. <i>Science of the Total Environment</i> , 2016 , 557-558, 808-18	10.2	39
96	Blood pressure in relation to contamination by polychlorobiphenyls and organochlorine pesticides: Results from a population-based study in the Canary Islands (Spain). <i>Environmental Research</i> , 2014 , 135, 48-54	7.9	37
95	Occurrence of 44 elements in human cord blood and their association with growth indicators in newborns. <i>Environment International</i> , 2018 , 116, 43-51	12.9	35

94	Plasma levels of pollutants are much higher in loggerhead turtle populations from the Adriatic Sea than in those from open waters (Eastern Atlantic Ocean). <i>Science of the Total Environment</i> , 2015 , 523, 161-9	10.2	34
93	Levels of organochlorine contaminants in organic and conventional cheeses and their impact on the health of consumers: an independent study in the Canary Islands (Spain). <i>Food and Chemical Toxicology</i> , 2012 , 50, 4325-32	4.7	32
92	Prediction of clinical toxicity in localized cervical carcinoma by radio-induced apoptosis study in peripheral blood lymphocytes (PBLs). <i>Radiation Oncology</i> , 2009 , 4, 58	4.2	32
91	IGF-1R expression predicts clinical outcome in patients with locally advanced oral squamous cell carcinoma. <i>Oral Oncology</i> , 2011 , 47, 615-9	4.4	31
90	Severe hypoxia induces chemo-resistance in clinical cervical tumors through MVP over-expression. <i>Radiation Oncology</i> , 2009 , 4, 29	4.2	31
89	Microsatellite instability predicts clinical outcome in radiation-treated endometrioid endometrial cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010 , 76, 9-13	4	31
88	Exposure to polycyclic aromatic hydrocarbons (PAHs) and bladder cancer: evaluation from a gene-environment perspective in a hospital-based case-control study in the Canary Islands (Spain). <i>International Journal of Occupational and Environmental Health</i> , 2015 , 21, 23-30		30
87	Validated analytical methodology for the simultaneous determination of a wide range of pesticides in human blood using GC-MS/MS and LC-ESI/MS/MS and its application in two poisoning cases. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2015 , 55, 307-15	2	29
86	Prediction of clinical toxicity in locally advanced head and neck cancer patients by radio-induced apoptosis in peripheral blood lymphocytes (PBLs). <i>Radiation Oncology</i> , 2010 , 5, 4	4.2	29
85	Role of pituitary hormones on 17alpha-ethinylestradiol-induced cholestasis in rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 320, 695-705	4.7	29
84	Methodology for the identification of 117 pesticides commonly involved in the poisoning of wildlife using GC-MS-MS and LC-MS-MS. <i>Journal of Analytical Toxicology</i> , 2014 , 38, 155-63	2.9	28
83	MVP and vaults: a role in the radiation response. <i>Radiation Oncology</i> , 2011 , 6, 148	4.2	28
82	Socioeconomic development as a determinant of the levels of organochlorine pesticides and PCBs in the inhabitants of Western and Central African countries. <i>Science of the Total Environment</i> , 2014 , 497-498, 97-105	10.2	27
81	Comparative study of the intake of toxic persistent and semi persistent pollutants through the consumption of fish and seafood from two modes of production (wild-caught and farmed). <i>Science of the Total Environment</i> , 2017 , 575, 919-931	10.2	27
80	The assessment of daily dietary intake reveals the existence of a different pattern of bioaccumulation of chlorinated pollutants between domestic dogs and cats. <i>Science of the Total Environment</i> , 2015 , 530-531, 45-52	10.2	26
79	Comparative analysis of selected semi-persistent and emerging pollutants in wild-caught fish and aquaculture associated fish using Bogue (Boops boops) as sentinel species. <i>Science of the Total Environment</i> , 2017 , 581-582, 199-208	10.2	25
78	Rate of exposure of a sentinel species, invasive American mink (<i>Neovison vison</i>) in Scotland, to anticoagulant rodenticides. <i>Science of the Total Environment</i> , 2016 , 569-570, 1013-1021	10.2	25
77	Prediction of normal tissue toxicity as part of the individualized treatment with radiotherapy in oncology patients. <i>Surgical Oncology</i> , 2012 , 21, 201-6	2.5	25

76	Combined low initial DNA damage and high radiation-induced apoptosis confers clinical resistance to long-term toxicity in breast cancer patients treated with high-dose radiotherapy. <i>Radiation Oncology</i> , 2011 , 6, 60	4.2	25
75	Constitutive gene expression profile segregates toxicity in locally advanced breast cancer patients treated with high-dose hyperfractionated radical radiotherapy. <i>Radiation Oncology</i> , 2009 , 4, 17	4.2	25
74	Radiation induced apoptosis and initial DNA damage are inversely related in locally advanced breast cancer patients. <i>Radiation Oncology</i> , 2010 , 5, 85	4.2	24
73	Determinants of increasing serum POPs in a population at high risk for cardiovascular disease. Results from the PREDIMED-CANARIAS study. <i>Environmental Research</i> , 2017 , 156, 477-484	7.9	23
72	An estimation of the carcinogenic risk associated with the intake of multiple relevant carcinogens found in meat and charcuterie products. <i>Science of the Total Environment</i> , 2015 , 514, 33-41	10.2	23
71	Distribution of TYMS, MTHFR, p53 and MDR1 gene polymorphisms in patients with breast cancer treated with neoadjuvant chemotherapy. <i>Cancer Epidemiology</i> , 2010 , 34, 634-8	2.8	23
70	Different pattern of contamination by legacy POPs in two populations from the same geographical area but with completely different lifestyles: Canary Islands (Spain) vs. Morocco. <i>Science of the Total Environment</i> , 2016 , 541, 51-57	10.2	22
69	Influence of the rehabilitation of injured loggerhead turtles (<i>Caretta caretta</i>) on their blood levels of environmental organic pollutants and elements. <i>Science of the Total Environment</i> , 2014 , 487, 436-42	10.2	22
68	Persistent organic pollutants and risk of diabetes and obesity on healthy adults: Results from a cross-sectional study in Spain. <i>Science of the Total Environment</i> , 2017 , 607-608, 1096-1102	10.2	22
67	Role of CD4 and CD8 T-lymphocytes, B-lymphocytes and Natural Killer cells in the prediction of radiation-induced late toxicity in cervical cancer patients. <i>International Journal of Radiation Biology</i> , 2011 , 87, 424-31	2.9	22
66	BCL-2, in combination with MVP and IGF-1R expression, improves prediction of clinical outcome in complete response cervical carcinoma patients treated by radiochemotherapy. <i>Gynecologic Oncology</i> , 2011 , 122, 585-9	4.9	20
65	Consumption of organic meat does not diminish the carcinogenic potential associated with the intake of persistent organic pollutants (POPs). <i>Environmental Science and Pollution Research</i> , 2017 , 24, 4261-4273	5.1	19
64	Potential Role of Pet Cats As a Sentinel Species for Human Exposure to Flame Retardants. <i>Frontiers in Veterinary Science</i> , 2017 , 4, 79	3.1	18
63	Association between prenatal exposure to multiple persistent organic pollutants (POPs) and growth indicators in newborns. <i>Environmental Research</i> , 2019 , 171, 285-292	7.9	18
62	In vitro evaluation of oestrogenic/androgenic activity of the serum organochlorine pesticide mixtures previously described in a breast cancer case-control study. <i>Science of the Total Environment</i> , 2015 , 537, 197-202	10.2	17
61	Results of a model of secondary prevention for osteoporotic fracture coordinated by rheumatology and focused on the nurse and primary care physicians. <i>Reumatología Clínica</i> , 2014 , 10, 299-303	0.9	17
60	Study of the influencing factors of the blood levels of toxic elements in Africans from 16 countries. <i>Environmental Pollution</i> , 2017 , 230, 817-828	9.3	17
59	Polymorphisms of glutathione S-transferase and MDR1 and VEGF genes as risk factors of bladder cancer: a case-control study. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2012 , 30, 660-5	2.8	17

58	Body burden of organohalogenated pollutants and polycyclic aromatic hydrocarbons in Romanian population: Influence of age, gender, body mass index, and habitat. <i>Science of the Total Environment</i> , 2019 , 656, 709-716	10.2	17
57	Estimated exposure to EU regulated mycotoxins and risk characterization of aflatoxin-induced hepatic toxicity through the consumption of the toasted cereal flour called "gofio", a traditional food of the Canary Islands (Spain). <i>Food and Chemical Toxicology</i> , 2016 , 93, 73-81	4.7	16
56	Simultaneous quantification of 49 elements associated to e-waste in human blood by ICP-MS for routine analysis. <i>MethodsX</i> , 2017 , 4, 328-334	1.9	15
55	Pattern of blood concentrations of 47 elements in two populations from the same geographical area but with different geological origin and lifestyles: Canary Islands (Spain) vs. Morocco. <i>Science of the Total Environment</i> , 2018 , 636, 709-716	10.2	15
54	Single nucleotide polymorphisms in DNA repair genes as risk factors associated to prostate cancer progression. <i>BMC Medical Genetics</i> , 2014 , 15, 143	2.1	15
53	Radio-induced apoptosis of peripheral blood CD8 T lymphocytes is a novel prognostic factor for survival in cervical carcinoma patients. <i>Strahlentherapie Und Onkologie</i> , 2014 , 190, 210-6	4.3	15
52	Risk assessment of the exposure to mycotoxins in dogs and cats through the consumption of commercial dry food. <i>Science of the Total Environment</i> , 2020 , 708, 134592	10.2	15
51	Are pet dogs good sentinels of human exposure to environmental polycyclic aromatic hydrocarbons, organochlorine pesticides and polychlorinated biphenyls?. <i>Journal of Applied Animal Research</i> , 2016 , 44, 135-145	1.7	14
50	Influence of neonatal hypothyroidism on hepatic gene expression and lipid metabolism in adulthood. <i>PLoS ONE</i> , 2012 , 7, e37386	3.7	14
49	Differential exposure to 33 toxic elements through cigarette smoking, based on the type of tobacco and rolling paper used. <i>Environmental Research</i> , 2019 , 169, 368-376	7.9	13
48	Daily intake of anthropogenic pollutants through yogurt consumption in the Spanish population. <i>Journal of Applied Animal Research</i> , 2015 , 43, 373-383	1.7	12
47	The effect of in vivo growth hormone treatment on blood gene expression in adults with growth hormone deficiency reveals potential biomarkers to monitor growth hormone therapy. <i>Clinical Endocrinology</i> , 2010 , 72, 800-6	3.4	12
46	Influence of parasitism in dogs on their serum levels of persistent organochlorine compounds and polycyclic aromatic hydrocarbons. <i>Science of the Total Environment</i> , 2016 , 562, 128-135	10.2	12
45	Assessment of current dietary intake of organochlorine contaminants and polycyclic aromatic hydrocarbons in killer whales (<i>Orcinus orca</i>) through direct determination in a group of whales in captivity. <i>Science of the Total Environment</i> , 2014 , 472, 1044-51	10.2	11
44	Dietary Intake of Essential, Toxic, and Potentially Toxic Elements from Mussels () in the Spanish Population: A Nutritional Assessment. <i>Nutrients</i> , 2019 , 11,	6.7	10
43	Differential gene expression pattern in human mammary epithelial cells induced by realistic organochlorine mixtures described in healthy women and in women diagnosed with breast cancer. <i>Toxicology Letters</i> , 2016 , 246, 42-8	4.4	10
42	Association between single-nucleotide polymorphisms in DNA double-strand break repair genes and prostate cancer aggressiveness in the Spanish population. <i>Prostate Cancer and Prostatic Diseases</i> , 2016 , 19, 28-34	6.2	10
41	Organochlorine Pesticides Exposure and Bladder Cancer: Evaluation from a Gene-Environment Perspective in a Hospital-Based Case-Control Study in the Canary Islands (Spain). <i>Journal of Agromedicine</i> , 2016 , 21, 34-42	1.9	9

40	Concentration of heavy metals and rare earth elements in patients with brain tumours: Analysis in tumour tissue, non-tumour tissue, and blood. <i>International Journal of Environmental Health Research</i> , 2021 , 31, 741-754	3.6	9
39	Polymorphisms in DNA-repair genes in a cohort of prostate cancer patients from different areas in Spain: heterogeneity between populations as a confounding factor in association studies. <i>PLoS ONE</i> , 2013 , 8, e69735	3.7	9
38	High-throughput genotyping system as a robust and useful tool in oncology: experience from a single institution. <i>Biologicals</i> , 2013 , 41, 424-9	1.8	8
37	MVP expression in the prediction of clinical outcome of locally advanced oral squamous cell carcinoma patients treated with radiotherapy. <i>Radiation Oncology</i> , 2012 , 7, 147	4.2	8
36	The relationship between dioxin-like polychlorobiphenyls and IGF-I serum levels in healthy adults: evidence from a cross-sectional study. <i>PLoS ONE</i> , 2012 , 7, e38213	3.7	7
35	TYMS, MTHFR, p53 and MDR1 gene polymorphisms in breast cancer patients treated with adjuvant therapy. <i>Cancer Epidemiology</i> , 2010 , 34, 490-3	2.8	7
34	Reduction of persistent and semi-persistent organic pollutants in fillets of farmed European seabass (<i>Dicentrarchus labrax</i>) fed low fish oil diets. <i>Science of the Total Environment</i> , 2018 , 643, 1239-1247	10.2	7
33	Trends of Lipophilic, Antioxidant and Hematological Parameters Associated with Conventional and Electronic Smoking Habits in Middle-Age Romanians. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	6
32	Relationship of polychlorinated biphenyls (PCBs) with parasitism, iron homeostasis, and other health outcomes: Results from a cross-sectional study on recently arrived African immigrants. <i>Environmental Research</i> , 2016 , 150, 549-556	7.9	6
31	The heartworm (<i>Dirofilaria immitis</i>) seems to be able to metabolize organochlorine pesticides and polychlorinated biphenyls: A case-control study in dogs. <i>Science of the Total Environment</i> , 2017 , 575, 1445-1452	10.2	6
30	Plasminogen activator inhibitor-1 (PAI-1) expression in relation to hypoxia and oncoproteins in clinical cervical tumors. <i>Strahlentherapie Und Onkologie</i> , 2012 , 188, 1139-45	4.3	6
29	Common genomic signaling among initial DNA damage and radiation-induced apoptosis in peripheral blood lymphocytes from locally advanced breast cancer patients. <i>Breast</i> , 2013 , 22, 28-33	3.6	6
28	Amifostine modulates radio-induced apoptosis of peripheral blood lymphocytes in head and neck cancer patients. <i>Journal of Radiation Research</i> , 2010 , 51, 603-7	2.4	6
27	Genetic variations in genes involved in testosterone metabolism are associated with prostate cancer progression: A Spanish multicenter study. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2015 , 33, 331.e1-7	2.8	5
26	Supporting dataset on the optimization and validation of a QuEChERS-based method for the determination of 218 pesticide residues in clay loam soil. <i>Data in Brief</i> , 2020 , 33, 106393	1.2	5
25	Molecular biomarkers in the decision of treatment of cervical carcinoma patients. <i>Clinical and Translational Oncology</i> , 2013 , 15, 587-92	3.6	4
24	Association between Heavy Metals and Rare Earth Elements with Acute Ischemic Stroke: A Case-Control Study Conducted in the Canary Islands (Spain). <i>Toxics</i> , 2020 , 8,	4.7	4
23	Validation of a Method Scope Extension for the Analysis of POPs in Soil and Verification in Organic and Conventional Farms of the Canary Islands. <i>Toxics</i> , 2021 , 9,	4.7	4

22	Assessment of 22 inorganic elements in human amniotic fluid: a cross-sectional study conducted in Canary Islands (Spain). <i>International Journal of Environmental Health Research</i> , 2019 , 29, 130-139	3.6	4
21	Solubilization and photoaffinity labeling identification of glucocorticoid binding peptides in endoplasmic reticulum from rat liver. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003 , 84, 245-53	5.1	3
20	Comparative study of organic contaminants in agricultural soils at the archipelagos of the Macaronesia.. <i>Environmental Pollution</i> , 2022 , 301, 118979	9.3	3
19	Serum concentration of toxic metals and rare earth elements in children and adolescent. <i>International Journal of Environmental Health Research</i> , 2020 , 30, 696-712	3.6	3
18	Simvastatin down-regulates differential genetic profiles produced by organochlorine mixtures in primary breast cell (HMEC). <i>Chemico-Biological Interactions</i> , 2017 , 268, 85-92	5	2
17	Ethanol levels in legally autopsied subjects: Analytical approach and epidemiological relevance in a prospective study in the touristic region of the Canary Islands (Spain). <i>Journal of Clinical Forensic and Legal Medicine</i> , 2017 , 52, 40-45	1.7	2
16	New biological markers in the decision of treatment of head and neck cancer patients. <i>Clinical and Translational Oncology</i> , 2014 , 16, 849-58	3.6	2
15	Intraethnic variation in steroid-5-alpha-reductase polymorphisms in prostate cancer patients: a potential factor implicated in 5-alpha-reductase inhibitor treatment. <i>Journal of Genetics</i> , 2015 , 94, 335-41	1.2	2
14	Microsatellite polymorphisms in the EGFR, NOTCH4 and E2F4 genes and their association with breast cancer risk. <i>International Journal of Biological Markers</i> , 2012 , 27, e219-26	2.8	2
13	Photoaffinity labeling identification of thyroid hormone-regulated glucocorticoid-binding peptides in rat liver endoplasmic reticulum: an oligomeric protein with high affinity for 16beta-hydroxylated stanozolol. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003 , 87, 253-64	5.1	2
12	An Easy Procedure to Quantify Anticoagulant Rodenticides and Pharmaceutical Active Compounds in Soils. <i>Toxics</i> , 2021 , 9,	4.7	2
11	A Method Scope Extension for the Simultaneous Analysis of POPs, Current-Use and Banned Pesticides, Rodenticides, and Pharmaceuticals in Liver. Application to Food Safety and Biomonitoring. <i>Toxics</i> , 2021 , 9,	4.7	2
10	Extension of an extraction method for the determination of 305 organic compounds in clay-loam soil to soils of different characteristics. <i>MethodsX</i> , 2021 , 8, 101476	1.9	2
9	Reply to the letter to the editor from Foray and Colin, entitled Relationship between radiosensitivity, initial DNA damage, apoptosis and gene expression: between reproducible works and technical artefacts genetics are essential in the response of normal tissues to radiation. <i>Breast</i> , 2013 , 22, 367	3.6	1
8	Medical Psychotropics in Forensic Autopsies in European Countries: Results from a Three-Year Retrospective Study in Spain.. <i>Toxics</i> , 2022 , 10,	4.7	1
7	Database of persistent organic pollutants in umbilical cord blood: Concentration of organochlorine pesticides, PCBs, BDEs and polycyclic aromatic hydrocarbons. <i>Data in Brief</i> , 2020 , 28, 104918	1.2	1
6	Nutritional Evaluation and Risk Assessment of the Exposure to Essential and Toxic Elements in Dogs and Cats through the Consumption of Pelleted Dry Food: How Important Is the Quality of the Feed?. <i>Toxics</i> , 2021 , 9,	4.7	1
5	Critical review of analytical methods for the determination of flame retardants in human matrices.. <i>Analytica Chimica Acta</i> , 2022 , 1193, 338828	6.6	1

- 4 Reductions in blood concentrations of persistent organic pollutants in the general population of Barcelona from 2006 to 2016. *Science of the Total Environment*, **2021**, 777, 146013 10.2 1
- 3 Human biomonitoring of persistent and non-persistent pollutants in a representative sample of the general population from Cape Verde: Results from the PERVEMAC-II study.. *Environmental Pollution*, **2022**, 119331 9.3 0
- 2 Role of Pet Dogs and Cats as Sentinels of Human Exposure to Polycyclic Aromatic Hydrocarbons **2020**, 65-81
- 1 Monitoring serum PCB levels in the adult population of the Canary Islands (Spain). *AIMS Environmental Science*, **2015**, 2, 345-352 1.9