

Luis D Boada

List of Publications by Year in Descending Order

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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.

99
papers

2,704
citations

31
h-index

46
g-index

103
ext. papers

3,169
ext. citations

6.6
avg, IF

4.88
L-index

#	Paper	IF	Citations
99	Impact of chemical elements released by the volcanic eruption of La Palma (Canary Islands, Spain) on banana agriculture and European consumers.. <i>Chemosphere</i> , 2022 , 293, 133508	8.4	0
98	Comparative study of organic contaminants in agricultural soils at the archipelagos of the Macaronesia.. <i>Environmental Pollution</i> , 2022 , 301, 118979	9.3	3
97	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
96	Intensive livestock farming as a major determinant of the exposure to anticoagulant rodenticides in raptors of the Canary Islands (Spain). <i>Science of the Total Environment</i> , 2021 , 768, 144386	10.2	5
95	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
94	Human biomonitoring of persistent organic pollutants in elderly people from the Canary Islands (Spain): A temporal trend analysis from the PREDIMED and PREDIMED-Plus cohorts. <i>Science of the Total Environment</i> , 2021 , 758, 143637	10.2	7
93	Biomarkers, matrices and analytical methods targeting human exposure to chemicals selected for a European human biomonitoring initiative. <i>Environment International</i> , 2021 , 146, 106082	12.9	31
92	Dataset on the concentrations of anticoagulant rodenticides in raptors from the Canary Islands with geographic information. <i>Data in Brief</i> , 2021 , 34, 106744	1.2	1
91	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
90	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
89	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
88	Biomonitoring of 45 inorganic elements measured in plasma from Spanish subjects: A cross-sectional study in Andalusian population. <i>Science of the Total Environment</i> , 2020 , 706, 135750	10.2	10
87	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
86	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
85	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
84	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
83	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

82	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
81	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
80	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
79	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
78	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
77	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
76	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
75	Comparative analysis of selected semi-persistent and emerging pollutants in wild-caught fish and aquaculture associated fish using Bogue (<i>Boops boops</i>) as sentinel species. <i>Science of the Total Environment</i> , 2017 , 581-582, 199-208	10.2	25
74	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
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	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
71	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
70	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
69	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
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	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
66	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
65	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

64	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
63	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
62	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
61	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
60	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
59	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
58	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
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	The impact of red and processed meat consumption on cancer and other health outcomes: Epidemiological evidences. <i>Food and Chemical Toxicology</i> , 2016 , 92, 236-44	4.7	101
55	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
54	Mercury and selenium status of bottlenose dolphins (<i>Tursiops truncatus</i>): A study in stranded animals on the Canary Islands. <i>Science of the Total Environment</i> , 2015 , 536, 489-498	10.2	21
53	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
52	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
51	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
50	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
49	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
48	Acid-Base and Plasma Biochemical Changes Using Crystalloid Fluids in Stranded Juvenile Loggerhead Sea Turtles (<i>Caretta caretta</i>). <i>PLoS ONE</i> , 2015 , 10, e0132217	3.7	15
47	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

46	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
45	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
44	Monitoring serum PCB levels in the adult population of the Canary Islands (Spain). <i>AIMS Environmental Science</i> , 2015 , 2, 345-352	1.9	
43	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
42	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
41	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
40	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
39	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
38	Monitoring organic and inorganic pollutants in juvenile live sea turtles: results from a study of <i>Chelonia mydas</i> and <i>Eretmochelys imbricata</i> in Cape Verde. <i>Science of the Total Environment</i> , 2014 , 481, 303-10	10.2	67
37	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
36	Levels and profiles of POPs (organochlorine pesticides, PCBs, and PAHs) in free-ranging common bottlenose dolphins of the Canary Islands, Spain. <i>Science of the Total Environment</i> , 2014 , 493, 22-31	10.2	31
35	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
34	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
33	Assessment of the levels of polycyclic aromatic hydrocarbons and organochlorine contaminants in bottlenose dolphins (<i>Tursiops truncatus</i>) from the Eastern Atlantic Ocean. <i>Marine Environmental Research</i> , 2014 , 100, 48-56	3.3	22
32	Potential adverse health effects of persistent organic pollutants on sea turtles: evidences from a cross-sectional study on Cape Verde loggerhead sea turtles. <i>Science of the Total Environment</i> , 2013 , 458-460, 283-9	10.2	66
31	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
30	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
29	Comparative study of organohalogen contamination between two populations of Eastern Atlantic loggerhead sea turtles (<i>Caretta caretta</i>). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013 , 91, 678-83	2.7	14

28	Potential adverse effects of inorganic pollutants on clinical parameters of loggerhead sea turtles (<i>Caretta caretta</i>): results from a nesting colony from Cape Verde, West Africa. <i>Marine Environmental Research</i> , 2013 , 92, 15-22	3.3	48
27	Crude oil as a stranding cause among loggerhead sea turtles (<i>Caretta caretta</i>) in the Canary Islands, Spain (1998-2011). <i>Journal of Wildlife Diseases</i> , 2013 , 49, 637-40	1.3	16
26	Polymorphisms of glutathione S-transferase α and β 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
25	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
24	Comparative study of polycyclic aromatic hydrocarbons (PAHs) in plasma of Eastern Atlantic juvenile and adult nesting loggerhead sea turtles (<i>Caretta caretta</i>). <i>Marine Pollution Bulletin</i> , 2012 , 64, 1974-80	6.7	53
23	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
22	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
21	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
20	Determinants of blood lead levels in children: a cross-sectional study in the Canary Islands (Spain). <i>International Journal of Hygiene and Environmental Health</i> , 2012 , 215, 383-8	6.9	12
19	Background levels of polychlorinated biphenyls in the population of the Canary Islands (Spain). <i>Environmental Research</i> , 2011 , 111, 10-6	7.9	40
18	Occurrence of contamination by controlled substances in Euro banknotes from the Spanish archipelago of the Canary Islands. <i>Journal of Forensic Sciences</i> , 2011 , 56, 1588-93	1.8	10
17	Ciguatera fish poisoning on the West Africa Coast: An emerging risk in the Canary Islands (Spain). <i>Toxicon</i> , 2010 , 56, 1516-9	2.8	75
16	Insulin-like growth factor-I (IGF-I) serum concentrations in healthy children and adolescents: relationship to level of contamination by DDT-derivative pesticides. <i>Growth Hormone and IGF Research</i> , 2010 , 20, 63-7	2	21
15	First health and pollution study on harbor seals (<i>Phoca vitulina</i>) living in the German Elbe estuary. <i>Marine Pollution Bulletin</i> , 2010 , 60, 2079-86	6.7	25
14	Differential effects exerted on human mammary epithelial cells by environmentally relevant organochlorine pesticides either individually or in combination. <i>Chemico-Biological Interactions</i> , 2009 , 180, 485-91	5	37
13	Determinants of organochlorine levels detectable in the amniotic fluid of women from Tenerife Island (Canary Islands, Spain). <i>Environmental Research</i> , 2009 , 109, 607-13	7.9	53
12	Multigenerational study of the hepatic effects exerted by the consumption of nonylphenol- and 4-octylphenol-contaminated drinking water in Sprague-Dawley rats. <i>Environmental Toxicology and Pharmacology</i> , 2007 , 23, 73-81	5.8	24
11	Serum levels of insulin-like growth factor-I in relation to organochlorine pesticides exposure. <i>Growth Hormone and IGF Research</i> , 2007 , 17, 506-11	2	31

10	Increasing serum levels of non-DDT-derivative organochlorine pesticides in the younger population of the Canary Islands (Spain). <i>Science of the Total Environment</i> , 2006 , 367, 129-38	10.2	47
9	Inadvertent exposure to organochlorine pesticides DDT and derivatives in people from the Canary Islands (Spain). <i>Science of the Total Environment</i> , 2005 , 339, 49-62	10.2	111
8	Ciguatera fish poisoning, Canary Islands. <i>Emerging Infectious Diseases</i> , 2005 , 11, 1981-2	10.2	91
7	Hepatocellular adenomas associated with anabolic androgenic steroid abuse in bodybuilders: a report of two cases and a review of the literature. <i>British Journal of Sports Medicine</i> , 2005 , 39, e27	10.3	145
6	Evaluation of the potential protective effect of 21-aminosteroid U-74389G on liver injury induced by reduced and prolonged partial hepatic ischaemia reperfusion in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2003 , 93, 238-43		6
5	Steroid hormone progesterone induces cell proliferation and abnormal mitotic processes in rat liver. <i>Archives of Toxicology</i> , 2002 , 75, 707-16	5.8	7
4	Evaluation of acute hepatotoxic effects exerted by environmental estrogens nonylphenol and 4-octylphenol in immature male rats. <i>Toxicology</i> , 2002 , 175, 49-62	4.4	20
3	Evaluation of acute and chronic hepatotoxic effects exerted by anabolic-androgenic steroid stanozolol in adult male rats. <i>Archives of Toxicology</i> , 1999 , 73, 465-72	5.8	55
2	Estrogen antagonism on T3 and growth hormone control of the liver microsomal low-affinity glucocorticoid binding site (LAGS). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1997 , 63, 219-28	5.1	6
1	[3H]dexamethasone binding activity in liver microsomes is modulated differently by 17 alpha-alkylated androgens and testosterone in vivo. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1995 , 77, 264-9		4