

Luis D Boada

List of Publications by Year in descending order

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101
papers

3,601
citations

117571

34
h-index

161767

54
g-index

103
all docs

103
docs citations

103
times ranked

4075
citing authors

#	ARTICLE	IF	CITATIONS
1	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-e27.	3.1	190
2	The impact of red and processed meat consumption on cancer and other health outcomes: Epidemiological evidences. <i>Food and Chemical Toxicology</i> , 2016, 92, 236-244.	1.8	143
3	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.	3.9	128
4	Ciguatera Fish Poisoning, Canary Islands. <i>Emerging Infectious Diseases</i> , 2005, 11, 1981-1982.	2.0	118
5	Ciguatera fish poisoning on the West Africa Coast: An emerging risk in the Canary Islands (Spain). <i>Toxicol</i> , 2010, 56, 1516-1519.	0.8	95
6	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, 303-310.	3.9	86
7	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, 283-289.	3.9	84
8	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.	3.7	83
9	Biomarkers, matrices and analytical methods targeting human exposure to chemicals selected for a European human biomonitoring initiative. <i>Environment International</i> , 2021, 146, 106082.	4.8	83
10	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, 1093-1099.	3.9	82
11	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, 9523-9536.	1.9	77
12	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, 146-153.	3.9	71
13	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.	1.7	66
14	Occurrence of 44 elements in human cord blood and their association with growth indicators in newborns. <i>Environment International</i> , 2018, 116, 43-51.	4.8	64
15	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.	1.1	61
16	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.	4.8	61
17	Evaluation of acute and chronic hepatotoxic effects exerted by anabolic-androgenic steroid stanozolol in adult male rats. <i>Archives of Toxicology</i> , 1999, 73, 465-472.	1.9	60
18	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.	3.9	60

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19	Determinants of organochlorine levels detectable in the amniotic fluid of women from Tenerife Island (Canary Islands, Spain). <i>Environmental Research</i> , 2009, 109, 607-613.	3.7	59
20	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, 1974-1980.	2.3	59
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, 307-315.	4.2	56
22	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, 129-138.	3.9	54
23	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.	3.9	54
24	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.	1.2	51
25	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, 455-462.	1.8	49
26	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, 808-818.	3.9	49
27	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, 161-169.	3.9	46
28	Background levels of polychlorinated biphenyls in the population of the Canary Islands (Spain). <i>Environmental Research</i> , 2011, 111, 10-16.	3.7	44
29	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.	3.7	44
30	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, 121-128.	4.2	44
31	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, 485-491.	1.7	39
32	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, 4325-4332.	1.8	38
33	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.	3.9	37
34	Methodology for the Identification of 117 Pesticides Commonly Involved in the Poisoning of Wildlife Using GC-MS-MS and LC-ESI-MS-MS. <i>Journal of Analytical Toxicology</i> , 2014, 38, 155-163.	1.7	36
35	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, 307-315.	1.3	36
36	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.	3.9	34

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37	Serum levels of insulin-like growth factor-I in relation to organochlorine pesticides exposure. Growth Hormone and IGF Research, 2007, 17, 506-511.	0.5	33
38	Association between prenatal exposure to multiple persistent organic pollutants (POPs) and growth indicators in newborns. Environmental Research, 2019, 171, 285-292.	3.7	33
39	The assessment of daily dietary intake reveals the existence of a different pattern of bioaccumulation of chlorinated pollutants between domestic dogs and cats. Science of the Total Environment, 2015, 530-531, 45-52.	3.9	32
40	Persistent organic pollutants and risk of diabetes and obesity on healthy adults: Results from a cross-sectional study in Spain. Science of the Total Environment, 2017, 607-608, 1096-1102.	3.9	31
41	Multigenerational study of the hepatic effects exerted by the consumption of nonylphenol- and 4-octylphenol-contaminated drinking water in Spragueâ€Dawley rats. Environmental Toxicology and Pharmacology, 2007, 23, 73-81.	2.0	30
42	Comparative analysis of selected semi-persistent and emerging pollutants in wild-caught fish and aquaculture associated fish using Bogue (Boops boops) as sentinel species. Science of the Total Environment, 2017, 581-582, 199-208.	3.9	30
43	Determinants of increasing serum POPs in a population at high risk for cardiovascular disease. Results from the PREDIMED-CANARIAS study. Environmental Research, 2017, 156, 477-484.	3.7	30
44	Differential exposure to 33 toxic elements through cigarette smoking, based on the type of tobacco and rolling paper used. Environmental Research, 2019, 169, 368-376.	3.7	30
45	Socioeconomic development as a determinant of the levels of organochlorine pesticides and PCBs in the inhabitants of Western and Central African countries. Science of the Total Environment, 2014, 497-498, 97-105.	3.9	29
46	Mercury and selenium status of bottlenose dolphins (Tursiops truncatus): A study in stranded animals on the Canary Islands. Science of the Total Environment, 2015, 536, 489-498.	3.9	28
47	Risk assessment of the exposure to mycotoxins in dogs and cats through the consumption of commercial dry food. Science of the Total Environment, 2020, 708, 134592.	3.9	28
48	Assessment of the levels of polycyclic aromatic hydrocarbons and organochlorine contaminants in bottlenose dolphins (Tursiops truncatus) from the Eastern Atlantic Ocean. Marine Environmental Research, 2014, 100, 48-56.	1.1	27
49	Simultaneous quantification of 49 elements associated to e-waste in human blood by ICP-MS for routine analysis. MethodsX, 2017, 4, 328-334.	0.7	27
50	Potential Role of Pet Cats As a Sentinel Species for Human Exposure to Flame Retardants. Frontiers in Veterinary Science, 2017, 4, 79.	0.9	27
51	Body burden of organohalogenated pollutants and polycyclic aromatic hydrocarbons in Romanian population: Influence of age, gender, body mass index, and habitat. Science of the Total Environment, 2019, 656, 709-716.	3.9	27
52	First health and pollution study on harbor seals (Phoca vitulina) living in the German Elbe estuary. Marine Pollution Bulletin, 2010, 60, 2079-2086.	2.3	26
53	Influence of the rehabilitation of injured loggerhead turtles (Caretta caretta) on their blood levels of environmental organic pollutants and elements. Science of the Total Environment, 2014, 487, 436-442.	3.9	26
54	In vitro evaluation of oestrogenic/androgenic activity of the serum organochlorine pesticide mixtures previously described in a breast cancer caseâ€control study. Science of the Total Environment, 2015, 537, 197-202.	3.9	26

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55	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.	2.7	26
56	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, 63-67.	0.5	25
57	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.	3.9	25
58	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.	1.1	23
59	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.	3.9	22
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.	3.7	22
61	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.	3.9	22
62	Evaluation of acute hepatotoxic effects exerted by environmental estrogens nonylphenol and 4-octylphenol in immature male rats. <i>Toxicology</i> , 2002, 175, 49-62.	2.0	21
63	Polymorphisms of glutathione S-transferase γ and μ , MDR1 and VEGF genes as risk factors of bladder cancer: A case-control study. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2012, 30, 660-665.	0.8	21
64	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.	3.9	21
65	Estimated exposure to EU regulated mycotoxins and risk characterization of aflatoxin-induced hepatic toxicity through the consumption of the toasted cereal flour called "ceogofio", a traditional food of the Canary Islands (Spain). <i>Food and Chemical Toxicology</i> , 2016, 93, 73-81.	1.8	20
66	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.	1.3	20
67	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, 637-640.	0.3	19
68	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.	0.4	19
69	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.	3.9	19
70	Dietary Intake of Essential, Toxic, and Potentially Toxic Elements from Mussels (<i>Mytilus</i> spp.) in the Spanish Population: A Nutritional Assessment. <i>Nutrients</i> , 2019, 11, 864.	1.7	18
71	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, 678-683.	1.3	16
72	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.	1.3	16

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73	Daily intake of anthropogenic pollutants through yogurt consumption in the Spanish population. <i>Journal of Applied Animal Research</i> , 2015, 43, 373-383.	0.4	15
74	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.	3.9	15
75	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.	0.9	14
76	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, 1588-1593.	0.9	13
77	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, 1044-1051.	3.9	13
78	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, 383-388.	2.1	12
79	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, 66.	1.6	12
80	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.	3.9	12
81	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.	4.2	12
82	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.	3.9	11
83	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, 42-48.	0.4	10
84	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, 133.	1.6	10
85	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, 238.	1.6	10
86	Epidemiology of Animal Poisonings in the Canary Islands (Spain) during the Period 2014-2021. <i>Toxics</i> , 2021, 9, 267.	1.6	10
87	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.	3.9	9
88	Comparative study of organic contaminants in agricultural soils at the archipelagos of the Macaronesia. <i>Environmental Pollution</i> , 2022, 301, 118979.	3.7	9
89	Steroid hormone progesterone induces cell proliferation and abnormal mitotic processes in rat liver. <i>Archives of Toxicology</i> , 2002, 75, 707-716.	1.9	8
90	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.	1.1	8

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91	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.	3.7	7
92	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, 219-228.	1.2	6
93	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, 238-243.	0.0	6
94	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.	1.3	5
95	[³ H]Dexamethasone Binding Activity in Liver Microsomes is Modulated Differently by 17 α -Alkylated Androgens and Testosterone <i>in vivo</i> . <i>Basic and Clinical Pharmacology and Toxicology</i> , 1995, 77, 264-269.	0.0	4
96	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.	0.5	4
97	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.	0.5	3
98	Dataset on the concentrations of anticoagulant rodenticides in raptors from the Canary Islands with geographic information. <i>Data in Brief</i> , 2021, 34, 106744.	0.5	3
99	Simvastatin down-regulates differential genetic profiles produced by organochlorine mixtures in primary breast cell (HMEC). <i>Chemico-Biological Interactions</i> , 2017, 268, 85-92.	1.7	2
100	Serum levels of insulin-like growth factor-I in younger population in relation to organochlorine pesticides. <i>Toxicology Letters</i> , 2007, 172, S113.	0.4	0
101	Monitoring serum PCB levels in the adult population of the Canary Islands (Spain). <i>AIMS Environmental Science</i> , 2015, 2, 345-352.	0.7	0