Govindan Malarvannan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3454934/publications.pdf

Version: 2024-02-01

98 papers	3,524 citations	117453 34 h-index	155451 55 g-index
99 all docs	99 docs citations	99 times ranked	4005 citing authors

#	Article	IF	Citations
1	Plasticizers in the neonatal intensive care unit: A review on exposure sources and health hazards. Critical Reviews in Environmental Science and Technology, 2022, 52, 3947-3972.	6.6	5
2	Development of an analytical method based on solid-phase extraction and LC-MS/MS for the monitoring of current-use pesticides and their metabolites in human urine. Journal of Environmental Sciences, 2022, 111, 153-163.	3.2	22
3	Phasing out DEHP from plastic indwelling medical devices used for intensive care: Does it reduce the long-term attention deficit of critically ill children?. Environment International, 2022, 158, 106962.	4.8	9
4	Recycling plastics containing decabromodiphenyl ether into new consumer products including children's toys purchased in Japan and seventeen other countries. Chemosphere, 2022, 289, 133179.	4.2	17
5	The relevance of European Biota Quality Standards on the ecological water quality as determined by the multimetric macro-invertebrate index: A Flemish case study. Ecotoxicology and Environmental Safety, 2022, 231, 113222.	2.9	3
6	Feathers as an integrated measure of organohalogen contamination, its dietary sources and corticosterone in nestlings of a terrestrial bird of prey, the northern Goshawk (Accipiter gentilis). Science of the Total Environment, 2022, 828, 154064.	3.9	5
7	Short-term variability of bisphenols in spot, morning void and 24-hour urine samples. Environmental Pollution, 2021, 268, 115747.	3.7	13
8	Short-term temporal variability of urinary biomarkers of organophosphate flame retardants and plasticizers. Environment International, 2021, 146, 106147.	4.8	23
9	Short- and Medium-Chain Chlorinated Paraffins in Polyvinylchloride and Rubber Consumer Products and Toys Purchased on the Belgian Market. International Journal of Environmental Research and Public Health, 2021, 18, 1069.	1.2	33
10	Exposure to Phthalate and Organophosphate Esters via Indoor Dust and PM10 Is a Cause of Concern for the Exposed Saudi Population. International Journal of Environmental Research and Public Health, 2021, 18, 2125.	1.2	13
11	Polycyclic Aromatic Hydrocarbons in Indoor Dust Collected during the COVID-19 Pandemic Lockdown in Saudi Arabia: Status, Sources and Human Health Risks. International Journal of Environmental Research and Public Health, 2021, 18, 2743.	1.2	13
12	Semi-Volatile Organic Compounds in Car Dust: A Pilot Study in Jeddah, Saudi Arabia. International Journal of Environmental Research and Public Health, 2021, 18, 4803.	1.2	5
13	Estimation of dietary intake and sources of organohalogenated contaminants among infants: 24-h duplicate diet survey in Fukuoka, Japan. Environmental Research, 2021, 195, 110745.	3.7	4
14	Biomarkers of phthalates and alternative plasticizers in the Flemish Environment and Health Study (FLEHS IV): Time trends and exposure assessment. Environmental Pollution, 2021, 276, 116724.	3.7	28
15	Brominated Flame Retardants in Childrenâ€™s Room: Concentration, Composition, and Health Risk Assessment. International Journal of Environmental Research and Public Health, 2021, 18, 6421.	1.2	7
16	Accumulation of PBDEs and MeO-PBDEs in notothenioid fish from the South Shetland Islands, Antarctica: An interspecies comparative study. Marine Pollution Bulletin, 2021, 168, 112453.	2.3	5
17	Effect of abiotic factors and environmental concentrations on the bioaccumulation of persistent organic and inorganic compounds to freshwater fish and mussels. Science of the Total Environment, 2021, 799, 149448.	3.9	15
18	Between- and within-individual variability of urinary phthalate and alternative plasticizer metabolites in spot, morning void and 24-h pooled urine samples. Environmental Research, 2020, 191, 110248.	3.7	33

#	Article	IF	Citations
19	Exposure to organophosphate esters, phthalates, and alternative plasticizers in association with uterine fibroids. Environmental Research, 2020, 189, 109874.	3.7	42
20	Quality assessment of escaping silver eel (Anguilla anguilla L.) to support management and conservation strategies in Mediterranean coastal lagoons. Environmental Monitoring and Assessment, 2020, 192, 570.	1.3	13
21	Legacy and emerging organophosphorus flame retardants and plasticizers in indoor microenvironments from Guangzhou, South China. Environment International, 2020, 143, 105972.	4.8	44
22	Assessment of the quality of European silver eels and tentative approach to trace the origin of contaminants â€“ A European overview. Science of the Total Environment, 2020, 743, 140675.	3.9	7
23	Evaluation of Environmental Quality of Mediterranean Coastal Lagoons Using Persistent Organic Pollutants and Metals in Thick-Lipped Grey Mullet. Water (Switzerland), 2020, 12, 3450.	1.2	5
24	Humpback whales (Megaptera novaeangliae) breeding off Mozambique and Ecuador show geographic variation of persistent organic pollutants and isotopic niches. Environmental Pollution, 2020, 267, 115575.	3.7	11
25	Temporal trends of legacy organochlorines in different white-tailed eagle (Haliaeetus albicilla) subpopulations: A retrospective investigation using archived feathers. Environment International, 2020, 138, 105618.	4.8	26
26	Interspecies comparison of the residue levels and profiles of persistent organic pollutants in terrestrial top predators. Environmental Research, 2020, 183, 109187.	3.7	12
27	Phthalates and infertility: an issue in hernia meshes?. European Surgery - Acta Chirurgica Austriaca, 2020, 52, 210-216.	0.3	0
28	Pets as Sentinels of Indoor Contamination. , 2020, , 3-20.		4
29	Emerging halogenated flame retardants in the indoor environment. Comprehensive Analytical Chemistry, 2020, 88, 107-140.	0.7	5
30	SAT-724 Endocrine Disruption by Phthalate Exposure in the Pediatric Intensive Care Unit. Journal of the Endocrine Society, 2020, 4, .	0.1	0
31	White-tailed eagle (Haliaeetus albicilla) feathers from Norway are suitable for monitoring of legacy, but not emerging contaminants. Science of the Total Environment, 2019, 647, 525-533.	3.9	40
32	Determinants of persistent organic pollutant (POP) concentrations in human breast milk of a cross-sectional sample of primiparous mothers in Belgium. Environment International, 2019, 131, 104979.	4.8	40
33	Occurrence of organochlorine compounds in fish from freshwater environments of the central Andes, Argentina. Science of the Total Environment, 2019, 693, 133389.	3.9	13
34	Organophosphate esters in indoor dust from 12 countries: Concentrations, composition profiles, and human exposure. Environment International, 2019, 133, 105178.	4.8	92
35	Integrated exposure assessment of northern goshawk (Accipiter gentilis) nestlings to legacy and emerging organic pollutants using non-destructive samples. Environmental Research, 2019, 178, 108678.	3.7	25
36	Metabolites of phosphate flame retardants and alternative plasticizers in urine from intensive care patients. Chemosphere, 2019, 233, 590-596.	4.2	21

#	Article	IF	Citations
37	Mothers and children are related, even in exposure to chemicals present in common consumer products. Environmental Research, 2019, 175, 297-307.	3.7	40
38	Occurrence of organochlorine pesticides and polychlorinated biphenyls in sediment and fish in Cau Hai lagoon of Central Vietnam: Human health risk assessment. Marine Pollution Bulletin, 2019, 141, 521-528.	2.3	38
39	Development and validation of a bioanalytical assay based on liquid chromatography-tandem mass spectrometry for measuring biomarkers of exposure of alternative plasticizers in human urine and serum. Talanta, 2019, 198, 230-236.	2.9	28
40	Plasma concentrations of organohalogenated contaminants in white-tailed eagle nestlings â€“ The role of age and diet. Environmental Pollution, 2019, 246, 527-534.	3.7	30
41	Supporting evidence for PCB pollution threatening global killer whale population. Aquatic Toxicology, 2019, 206, 102-104.	1.9	14
42	Phthalate and alternative plasticizers in indwelling medical devices in pediatric intensive care units. Journal of Hazardous Materials, 2019, 363, 64-72.	6.5	78
43	Occurrence of selected halogenated flame retardants in Belgian foodstuff. Chemosphere, 2018, 194, 256-265.	4.2	36
44	Development and validation of a quantitative UHPLC-MS/MS method for selected brominated flame retardants in food. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 292-304.	1.1	11
45	Dynamics of persistent organic pollutants in obese adolescents during weight loss. Environment International, 2018, 110, 80-87.	4.8	18
46	In ovo transformation of two emerging flame retardants in Japanese quail (Coturnix japonica). Ecotoxicology and Environmental Safety, 2018, 149, 51-57.	2.9	10
47	Head shape disparity impacts pollutant accumulation in European eel. Environmental Pollution, 2018, 240, 378-386.	3.7	10
48	Linking pollutant exposure of humpback whales breeding in the Indian Ocean to their feeding habits and feeding areas off Antarctica. Environmental Pollution, 2017, 220, 1090-1099.	3.7	24
49	Blood clinical-chemical parameters and feeding history in growing Japanese quail (Coturnix) Tj ETQq1 1 0.784314 rgBT /Overlock 10 ovo. Toxicological and Environmental Chemistry, 2017, 99, 938-952.	0.6	3
50	Flame Retardant Chemicals in College Dormitories: Flammability Standards Influence Dust Concentrations. Environmental Science & Technology, 2017, 51, 4860-4869.	4.6	37
51	Trophic ecology drives contaminant concentrations within a tropical seabird community. Environmental Pollution, 2017, 227, 183-193.	3.7	23
52	Individual variation of persistent organic pollutants in relation to stable isotope ratios, sex, reproductive phase and oxidative status in Scopoli's shearwaters (Calonectris diomedea) from the Southern Mediterranean. Science of the Total Environment, 2017, 598, 179-187.	3.9	13
53	Simultaneous determination of dechloranes, polybrominated diphenyl ethers and novel brominated flame retardants in food and serum. Analytical and Bioanalytical Chemistry, 2017, 409, 4507-4515.	1.9	17
54	Dietary intake of phosphorus flame retardants (PFRs) using Swedish food market basket estimations. Food and Chemical Toxicology, 2017, 100, 1-7.	1.8	151

#	Article	IF	Citations
55	A Preliminary Link between Hydroxylated Metabolites of Polychlorinated Biphenyls and Free Thyroxin in Humans. International Journal of Environmental Research and Public Health, 2016, 13, 421.	1.2	11
56	Brominated and organophosphate flame retardants in indoor dust of Jeddah, Kingdom of Saudi Arabia: Implications for human exposure. Science of the Total Environment, 2016, 569-570, 269-277.	3.9	107
57	High levels of mercury and low levels of persistent organic pollutants in a tropical seabird in French Guiana, the Magnificent frigatebird, Fregata magnificens. Environmental Pollution, 2016, 214, 384-393.	3.7	31
58	Serum POP concentrations are highly predictive of inner blubber concentrations at two extremes of body condition in northern elephant seals. Environmental Pollution, 2016, 218, 651-663.	3.7	4
59	Contrasted accumulation patterns of persistent organic pollutants and mercury in sympatric tropical dolphins from the south-western Indian Ocean. Environmental Research, 2016, 146, 263-273.	3.7	25
60	Synthetic Phenolic Antioxidants and Their Metabolites in Indoor Dust from Homes and Microenvironments. Environmental Science & Technology, 2016, 50, 428-434.	4.6	91
61	Levels and profiles of brominated and chlorinated contaminants in human breast milk from Thessaloniki, Greece. Science of the Total Environment, 2016, 539, 350-358.	3.9	35
62	Determination of halogenated flame retardants in food: Optimization and validation of a method based on a two-step clean-up and gas chromatographyâ€“mass spectrometry. Food Control, 2016, 65, 168-176.	2.8	28
63	Circulating phthalates during critical illness in children are associated with long-term attention deficit: a study of a development and a validation cohort. Intensive Care Medicine, 2016, 42, 379-392.	3.9	60
64	Endocrine-disrupting polychlorinated biphenyls in metabolically healthy and unhealthy obese subjects before and after weight loss: difference at the start but not at the finish. American Journal of Clinical Nutrition, 2016, 103, 989-998.	2.2	20
65	Considerable exposure to the endocrine disrupting chemicals phthalates and bisphenol-A in intensive care unit (ICU) patients. Environment International, 2015, 81, 64-72.	4.8	66
66	Brominated Flame Retardants. Handbook of Environmental Chemistry, 2015, , 379-410.	0.2	2
67	Organophosphorus flame retardants in the European eel in Flanders, Belgium: Occurrence, fate and human health risk. Environmental Research, 2015, 140, 604-610.	3.7	73
68	Pivotal Role for the Visceral Fat Compartment in the Release of Persistent Organic Pollutants During Weight Loss. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4463-4471.	1.8	28
69	Daily intake of bisphenol A and triclosan and their association with anthropometric data, thyroid hormones and weight loss in overweight and obese individuals. Environment International, 2015, 76, 98-105.	4.8	74
70	Deep-ocean foraging northern elephant seals bioaccumulate persistent organic pollutants. Science of the Total Environment, 2015, 533, 144-155.	3.9	11
71	A comparative assessment of human exposure to tetrabromobisphenol A and eight bisphenols including bisphenol A via indoor dust ingestion in twelve countries. Environment International, 2015, 83, 183-191.	4.8	218
72	Bioaccumulation and Biotransformation of Brominated Flame Retardants. Comprehensive Analytical Chemistry, 2015, 67, 433-491.	0.7	12

#	Article	IF	Citations
73	Multi-contaminant analysis of organophosphate and halogenated flame retardants in food matrices using ultrasonication and vacuum assisted extraction, multi-stage cleanup and gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2015, 1401, 33-41.	1.8	78
74	A survey of cyclic and linear siloxanes in indoor dust and their implications for human exposures in twelve countries. Environment International, 2015, 78, 39-44.	4.8	75
75	Organohalogenated contaminants in sediments and bivalves from the Northern Arabian Gulf. Ecotoxicology and Environmental Safety, 2015, 122, 432-439.	2.9	14
76	Bioaccumulation of hydroxylated polychlorinated biphenyls and pentachlorophenol in the serum of northern elephant seal pups (Mirounga angustirostris). Environmental Research, 2015, 136, 441-448.	3.7	5
77	Occurrence of perchlorate in indoor dust from the United States and eleven other countries: Implications for human exposure. Environment International, 2015, 75, 166-171.	4.8	51
78	Expression of Obesity Markers and Persistent Organic Pollutants Levels in Adipose Tissue of Obese Patients: Reinforcing the Obesogen Hypothesis?. PLoS ONE, 2014, 9, e84816.	1.1	39
79	Assessment of persistent brominated and chlorinated organic contaminants in the European eel (Anguilla anguilla) in Flanders, Belgium: Levels, profiles and health risk. Science of the Total Environment, 2014, 482-483, 222-233.	3.9	39
80	Organophosphorus flame retardants (PFRs) in human breast milk from several Asian countries. Chemosphere, 2014, 116, 91-97.	4.2	203
81	Exposure to Persistent Organic Pollutants: Relationship With Abnormal Glucose Metabolism and Visceral Adiposity. Diabetes Care, 2014, 37, 1951-1958.	4.3	61
82	Mobilisation of lipophilic pollutants from blubber in northern elephant seal pups (Mirounga) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	3.7	30
83	Distribution of persistent organic pollutants in two different fat compartments from obese individuals. Environment International, 2013, 55, 33-42.	4.8	74
84	Accumulation of brominated flame retardants and polychlorinated biphenyls in human breast milk and scalp hair from the Philippines: Levels, distribution and profiles. Science of the Total Environment, 2013, 442, 366-379.	3.9	72
85	Dynamics of Organohalogenated Contaminants in Human Serum from Obese Individuals during One Year of Weight Loss Treatment. Environmental Science & Technology, 2013, 47, 12441-12449.	4.6	47
86	Organophosphorus flame retardants in house dust from the Philippines: occurrence and assessment of human exposure. Environmental Science and Pollution Research, 2013, 20, 812-822.	2.7	85
87	Phthalate metabolites in obese individuals undergoing weight loss: Urinary levels and estimation of the phthalates daily intake. Environment International, 2013, 59, 344-353.	4.8	70
88	Detecting genome-wide gene transcription profiles associated with high pollution burden in the critically endangered European eel. Aquatic Toxicology, 2013, 132-133, 157-164.	1.9	26
89	Spatial monitoring of organohalogen compounds in surface water and sediments of a ruralâ€“urban river basin in Tanzania. Science of the Total Environment, 2013, 447, 186-197.	3.9	77
90	Perchlorate contamination of groundwater from fireworks manufacturing area in South India. Environmental Monitoring and Assessment, 2013, 185, 5627-5637.	1.3	38

#	Article	IF	Citations
91	Similarities in the Endocrine-Disrupting Potencies of Indoor Dust and Flame Retardants by Using Human Osteosarcoma (U2OS) Cell-Based Reporter Gene Assays. Environmental Science & Technology, 2013, 47, 2898-2908.	4.6	90
92	Analytical methods for selected emerging contaminants in human matricesâ€"a review. Analytical and Bioanalytical Chemistry, 2012, 404, 2555-2581.	1.9	33
93	Contamination of benzotriazole ultraviolet stabilizers in house dust from the Philippines: Implications on human exposure. Science of the Total Environment, 2012, 424, 174-181.	3.9	72
94	Human Exposure and Health Risks to Emerging Organic Contaminants. Handbook of Environmental Chemistry, 2011, , 243-305.	0.2	5
95	Contamination status and spatial distribution of organochlorine compounds in fishes from Nansei Islands, Japan. Marine Pollution Bulletin, 2011, 63, 541-547.	2.3	10
96	Levels and distribution of polybrominated diphenyl ethers and organochlorine compounds in sea turtles from Japan. Marine Pollution Bulletin, 2011, 63, 172-178.	2.3	20
97	Organohalogen compounds in human breast milk from mothers living in Payatas and Malate, the Philippines: Levels, accumulation kinetics and infant health risk. Environmental Pollution, 2009, 157, 1924-1932.	3.7	76
98	Chapter 12 Persistent Toxic Substances in the Philippine Environment. Developments in Environmental Science, 2007, , 559-585.	0.5	3