Helga Gunnlaugsdottir

List of Publications by Year in Descending Order

36 papers	1,323 citations	20 h-index	36 g-index
38 ext. papers	1,437 ext. citations	5.6 avg, IF	4.18 L-index

#	Paper	IF	Citations
36	Macromineral and trace element concentrations and their seasonal variation in milk from organic and conventional dairy herds. *Food Chemistry*, **2021**, 359, 129865	8.5	4
35	Arsenolipids are not uniformly distributed within two brown macroalgal species Saccharina latissima and Alaria esculenta. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 4973-4985	4.4	14
34	Temporal trends of persistent organic pollutants in Arctic marine and freshwater biota. *Science of the Total Environment*, **2019**, 649, 99-110	10.2	113
33	Selective and fast screening method for inorganic arsenic in seaweed using hydride generation inductively coupled plasma mass spectrometry (HG-ICPMS). *Microchemical Journal*, **2019**, 144, 45-50	4.8	15
32	Quality Management Framework for Total Diet Study centres in Europe. *Food Chemistry*, **2018**, 240, 405-414	8.5	5
31	Quantification of labile and stable non-polar arsenolipids in commercial fish meals and edible seaweed samples. *Journal of Analytical Atomic Spectrometry*, **2018**, 33, 102-110	3.7	18
30	Detection of a changepoint, a mean-shift accompanied with a trend change, in short time-series with autocorrelation. *Communications in Statistics Part B: Simulation and Computation*, **2017**, 46, 5808-5818	0.6	9
29	Development of harmonised food and sample lists for total diet studies in five European countries. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2016**, 33, 933-44	3.2	11
28	Environmental effects on arsenosugars and arsenolipids in Ectocarpus (Phaeophyta). *Environmental Chemistry*, **2016**, 13, 21	3.2	24
27	Speciation without chromatography using selective hydride generation: inorganic arsenic in rice and samples of marine origin. *Analytical Chemistry*, **2014**, 86, 993-9	7.8	84
26	Inorganic arsenic in seafood: does the extraction method matter?. *Food Chemistry*, **2014**, 150, 353-9	8.5	34
25	Hydride generation ICP-MS as a simple method for determination of inorganic arsenic in rice for routine biomonitoring. *Analytical Methods*, **2014**, 6, 5392-5396	3.2	30
24	Temporal trends of contaminants in cod from Icelandic waters. *Science of the Total Environment*, **2014**, 476-477, 181-8	10.2	8
23	Pristine Arctic: background mapping of PAHs, PAH metabolites and inorganic trace elements in the North-Atlantic Arctic and sub-Arctic coastal environment. *Science of the Total Environment*, **2014**, 493, 719-28	10.2	27
22	PFAAs in fish and other seafood products from Icelandic waters. *Journal of Environmental and Public Health*, **2014**, 2014, 573607	2.6	2
21	Fish, contaminants and human health: quantifying and weighing benefits and risks. *Food and Chemical Toxicology*, **2013**, 54, 18-29	4.7	52
20	Novel identification of arsenolipids using chemical derivatizations in conjunction with RP-HPLC-ICPMS/ESMS. *Analytical Chemistry*, **2013**, 85, 9321-7	7.8	65

19	Fish consumption during child bearing age: a quantitative risk-benefit analysis on neurodevelopment. *Food and Chemical Toxicology*, **2013**, 54, 30-4	4.7	33
18	Spatial and temporal trends of contaminants in mussel sampled around the Icelandic coastline. *Science of the Total Environment*, **2013**, 454-455, 500-9	10.2	9
17	Qalibra: a general model for food risk-benefit assessment that quantifies variability and uncertainty. *Food and Chemical Toxicology*, **2013**, 54, 4-17	4.7	19
16	HPLC-HG-ICP-MS: a sensitive and selective method for inorganic arsenic in seafood. *Analytical and Bioanalytical Chemistry*, **2012**, 404, 2185-91	4.4	30
15	Determination of inorganic arsenic in seafood: Emphasizing the need for certified reference materials. *Pure and Applied Chemistry*, **2012**, 84, 191-202	2.1	21
14	Blood selenium levels and contribution of food groups to selenium intake in adolescent girls in Iceland. *Food and Nutrition Research*, **2012**, 56,	3.1	10
13	Minerals and trace elements in Icelandic dairy products and meat. *Journal of Food Composition and Analysis*, **2011**, 24, 980-986	4.1	47
12	Temporal trends of Hg in Arctic biota, an update. *Science of the Total Environment*, **2011**, 409, 3520-6	10.2	98
11	Identification and quantification of arsenolipids using reversed-phase HPLC coupled simultaneously to high-resolution ICPMS and high-resolution electrospray MS without species-specific standards. *Analytical Chemistry*, **2011**, 83, 3589-95	7.8	93
10	Arsenic-containing hydrocarbons: natural compounds in oil from the fish capelin, Mallotus villosus. *Chemical Communications*, **2008**, 4706-7	5.8	91
9	Arsenic-containing long-chain fatty acids in cod-liver oil: a result of biosynthetic infidelity?. *Angewandte Chemie - International Edition*, **2008**, 47, 2665-7	16.4	103
8	Sensory characteristics of cold-smoked Atlantic salmon (Salmo salar) from European market and relationships with chemical, physical and microbiological measurements. *Food Research International*, **2004**, 37, 181-193	7	111
7	Alcoholysis and Glyceride Synthesis with Immobilized Lipase on Controlled-Pore Glass of Varying Hydrophobicity in Supercritical Carbon Dioxide. *Enzyme and Microbial Technology*, **1998**, 22, 360-367	3.8	23
6	Process parameters influencing ethanolysis of cod liver oil in supercritical carbon dioxide. *Journal of Supercritical Fluids*, **1998**, 12, 85-93	4.2	18
5	Lipase-catalyzed alcoholysis with supercritical carbon dioxide extraction 1: Influence of flow rate. *JAOCS, Journal of the American Oil Chemiststst Society*, **1997**, 74, 1483-1490	1.8	12
4	Lipase-catalyzed alcoholysis with supercritical carbon dioxide extraction 2: Phase behavior. *JAOCS, Journal of the American Oil Chemiststst Society*, **1997**, 74, 1491-1494	1.8	6
3	Integration of lipase catalysis and product separation in supercritical carbon dioxide. *Process Technol*, **1996**, 79-84		
2	Lipase-catalyzed alcoholysis of cod liver oil in supercritical carbon dioxide. *JAOCS, Journal of the American Oil Chemiststst Society*, **1995**, 72, 399-405	1.8	32

1	Three extraction methods for determination of lipids in fish meal: Evaluation of a hexane/isopropanol method as an alternative to chloroform-based methods. *Journal of the Science of Food and Agriculture*, **1993**, 61, 235-240	4.3	52