

# Margit Cichna-Markl

## List of Publications by Citations

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59  
papers

1,237  
citations

23  
h-index

31  
g-index

65  
ext. papers

1,402  
ext. citations

5.4  
avg, IF

4.75  
L-index

#	Paper	IF	Citations
59	High resolution melting (HRM) analysis of DNA--its role and potential in food analysis. <i>Food Chemistry</i> , <b>2014</b> , 158, 245-54	8.5	112
58	Sample preparation including sol-gel immunoaffinity chromatography for determination of bisphenol A in canned beverages, fruits and vegetables. <i>Journal of Chromatography A</i> , <b>2005</b> , 1062, 189-98	4.5	49
57	Development and validation of a duplex real-time PCR method to simultaneously detect potentially allergenic sesame and hazelnut in food. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 2126-34	5.7	42
56	Determination of bisphenol A in wine by sol-gel immunoaffinity chromatography, HPLC and fluorescence detection. <i>Food Additives and Contaminants</i> , <b>2006</b> , 23, 1227-35		41
55	Comparison of protocols for DNA extraction from long-term preserved formalin fixed tissues. <i>Analytical Biochemistry</i> , <b>2013</b> , 439, 152-60	3.1	40
54	Impact of ozonation on the genotoxic activity of tertiary treated municipal wastewater. <i>Water Research</i> , <b>2011</b> , 45, 3681-91	12.5	40
53	On-line coupling of sol-gel-generated immunoaffinity columns with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2001</b> , 919, 51-8	4.5	38
52	Selective sample cleanup by reusable sol-gel immunoaffinity columns for determination of deoxynivalenol in food and feed samples. <i>Analytical Chemistry</i> , <b>2007</b> , 79, 710-7	7.8	37
51	Sample clean-up with sol-gel enzyme and immunoaffinity columns for the determination of bisphenol A in human urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2007</b> , 850, 361-9	3.2	37
50	Determination of bisphenol A in canned fish by sol-gel immunoaffinity chromatography, HPLC and fluorescence detection. <i>European Food Research and Technology</i> , <b>2007</b> , 224, 629-634	3.4	36
49	Applicability of HIN-1, MGMT and RASSF1A promoter methylation as biomarkers for detecting field cancerization in breast cancer. <i>Breast Cancer Research</i> , <b>2015</b> , 17, 125	8.3	34
48	Determination of deoxynivalenol in organic and conventional food and feed by sol-gel immunoaffinity chromatography and HPLC-UV detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2010</b> , 878, 187-93	3.2	34
47	Development and validation of a TaqMan real-time PCR assay for the identification and quantification of roe deer ( <i>Capreolus capreolus</i> ) in food to detect food adulteration. <i>Food Chemistry</i> , <b>2015</b> , 178, 319-26	8.5	31
46	Development of a real-time PCR method to detect potentially allergenic sesame ( <i>Sesamum indicum</i> ) in food. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 10540-7	5.7	29
45	Selective sample preparation with bioaffinity columns prepared by the sol-gel method. <i>Journal of Chromatography A</i> , <b>2006</b> , 1124, 167-80	4.5	29
44	Authenticity control of game meat products--a single method to detect and quantify adulteration of fallow deer ( <i>Dama dama</i> ), red deer ( <i>Cervus elaphus</i> ) and sika deer ( <i>Cervus nippon</i> ) by real-time PCR. <i>Food Chemistry</i> , <b>2015</b> , 170, 508-17	8.5	27
43	Development and validation of a sandwich ELISA for the determination of potentially allergenic lupine in food. <i>Food Chemistry</i> , <b>2012</b> , 130, 759-766	8.5	25

42	Development of a selective sample clean-up method based on immuno-ultrafiltration for the determination of deoxynivalenol in maize. <i>Journal of Chromatography A</i> , <b>2008</b> , 1202, 111-7	4.5	25
41	Development and validation of a novel real-time PCR method for the detection of celery ( <i>Apium graveolens</i> ) in food. <i>Food Chemistry</i> , <b>2012</b> , 130, 189-195	8.5	24
40	Development and validation of a sandwich ELISA for the determination of potentially allergenic sesame ( <i>Sesamum indicum</i> ) in food. <i>Analytical and Bioanalytical Chemistry</i> , <b>2010</b> , 398, 1735-45	4.4	24
39	Determination of fifteen nucleotides in cultured human mononuclear blood and umbilical vein endothelial cells by solvent generated ion-pair chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2003</b> , 787, 381-91	3.2	24
38	Development and validation of an indirect competitive enzyme linked-immunosorbent assay for the determination of potentially allergenic sesame ( <i>Sesamum indicum</i> ) in food. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 1434-41	5.7	23
37	Co-isolation of deoxynivalenol and zearalenone with sol-gel immunoaffinity columns for their determination in wheat and wheat products. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 5828-37	4.5	23
36	Promoter methylation patterns of ABCB1, ABCC1 and ABCG2 in human cancer cell lines, multidrug-resistant cell models and tumor, tumor-adjacent and tumor-distant tissues from breast cancer patients. <i>Oncotarget</i> , <b>2016</b> , 7, 73347-73369	3.3	22
35	A novel reference real-time PCR assay for the relative quantification of (game) meat species in raw and heat-processed food. <i>Food Control</i> , <b>2016</b> , 70, 392-400	6.2	20
34	Development and validation of a fallow deer ( <i>Dama dama</i> )-specific TaqMan real-time PCR assay for the detection of food adulteration. <i>Food Chemistry</i> , <b>2018</b> , 243, 82-90	8.5	19
33	Development of a DNA metabarcoding method for the identification of fifteen mammalian and six poultry species in food. <i>Food Chemistry</i> , <b>2019</b> , 272, 354-361	8.5	19
32	Validation and comparison of a sandwich ELISA, two competitive ELISAs and a real-time PCR method for the detection of lupine in food. <i>Food Chemistry</i> , <b>2013</b> , 141, 407-18	8.5	19
31	Development and validation of a real-time PCR method for the simultaneous detection of black mustard ( <i>Brassica nigra</i> ) and brown mustard ( <i>Brassica juncea</i> ) in food. <i>Food Chemistry</i> , <b>2013</b> , 138, 348-55	8.5	19
30	Time-dependent shotgun proteomics revealed distinct effects of an organoruthenium prodrug and its activation product on colon carcinoma cells. <i>Metallomics</i> , <b>2019</b> , 11, 118-127	4.5	18
29	Immuno-ultrafiltration as a new strategy in sample clean-up of aflatoxins. <i>Journal of Separation Science</i> , <b>2009</b> , 32, 1729-39	3.4	18
28	Duplex real-time PCR assay for the simultaneous determination of the roe deer ( <i>Capreolus capreolus</i> ) and deer (sum of fallow deer, red deer and sika deer) content in game meat products. <i>Food Control</i> , <b>2015</b> , 57, 370-376	6.2	17
27	An Organometallic Gold(I) Bis-N-Heterocyclic Carbene Complex with Multimodal Activity in Ovarian Cancer Cells. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 15528-15537	4.8	17
26	Development and validation of a real-time PCR method for the detection of white mustard ( <i>Sinapis alba</i> ) in foods. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 11193-200	5.7	15
25	Tetraplex real-time PCR assay for the simultaneous identification and quantification of roe deer, red deer, fallow deer and sika deer for deer meat authentication. <i>Food Chemistry</i> , <b>2018</b> , 269, 486-494	8.5	14

24	Sika deer ( <i>Cervus nippon</i> )-specific real-time PCR method to detect fraudulent labelling of meat and meat products. <i>Scientific Reports</i> , <b>2018</b> , 8, 7236	4.9	14
23	Determination of ochratoxin A in grains by immuno-ultrafiltration and HPLC-fluorescence detection after postcolumn derivatisation in an electrochemical cell. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 400, 2615-22	4.4	14
22	Determination of 18 nucleobases, nucleosides and nucleotides in human peripheral blood mononuclear cells by isocratic solvent-generated ion-pair chromatography. <i>Analytica Chimica Acta</i> , <b>2003</b> , 481, 245-253	6.6	14
21	Hypermethylation of CDKN2A exon 2 in tumor, tumor-adjacent and tumor-distant tissues from breast cancer patients. <i>BMC Cancer</i> , <b>2017</b> , 17, 260	4.8	13
20	Sample clean-up by sol-gel immunoaffinity chromatography for determination of chloramphenicol in shrimp. <i>Journal of Sol-Gel Science and Technology</i> , <b>2007</b> , 41, 175-183	2.3	12
19	Acquired nintedanib resistance in FGFR1-driven small cell lung cancer: role of endothelin-A receptor-activated ABCB1 expression. <i>Oncotarget</i> , <b>2016</b> , 7, 50161-50179	3.3	12
18	Development and validation of a duplex real-time PCR method for the simultaneous detection of celery and white mustard in food. <i>Food Chemistry</i> , <b>2013</b> , 141, 229-35	8.5	11
17	Sample clean-up by sol-gel immunoaffinity chromatography for the determination of bisphenol A in food and urine. <i>Methods</i> , <b>2012</b> , 56, 186-91	4.6	11
16	Red deer ( <i>Cervus elaphus</i> )-specific real-time PCR assay for the detection of food adulteration. <i>Food Control</i> , <b>2018</b> , 89, 157-166	6.2	10
15	Development and validation of a duplex real-time PCR assay for the simultaneous detection of three mustard species ( <i>Sinapis alba</i> , <i>Brassica nigra</i> and <i>Brassica juncea</i> ) in food. <i>Food Chemistry</i> , <b>2014</b> , 153, 66-73	8.5	10
14	Validation and comparison of two commercial ELISA kits and three in-house developed real-time PCR assays for the detection of potentially allergenic mustard in food. <i>Food Chemistry</i> , <b>2015</b> , 174, 75-81	8.5	9
13	Hippocampal GluA2 and GluA4 protein but not corresponding mRNA and promoter methylation levels are modulated at retrieval in spatial learning of the rat. <i>Amino Acids</i> , <b>2017</b> , 49, 117-127	3.5	8
12	Chronic arsenic trioxide exposure leads to enhanced aggressiveness via Met oncogene addiction in cancer cells. <i>Oncotarget</i> , <b>2016</b> , 7, 27379-93	3.3	8
11	Development and validation of a triplex real-time PCR assay for the simultaneous detection of three mustard species and three celery varieties in food. <i>Food Chemistry</i> , <b>2015</b> , 184, 46-56	8.5	7
10	Aberrant DNA Methylation of ABC Transporters in Cancer. <i>Cells</i> , <b>2020</b> , 9,	7.9	7
9	Development and Validation of Two Competitive ELISAs for the Detection of Potentially Allergenic Lupine ( <i>Lupinus</i> Species) in Food. <i>Food Analytical Methods</i> , <b>2013</b> , 6, 248-257	3.4	6
8	Differentiation between wild boar and domestic pig in food by targeting two gene loci by real-time PCR. <i>Scientific Reports</i> , <b>2019</b> , 9, 9221	4.9	5
7	Sol-gel immunoaffinity chromatography for the clean up of ochratoxin A contaminated grains. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 7627-33	4.5	5

6	Analysis of Phytoestrogens in Foods Using Sol-Gel Enzyme Columns for Sample Preparation. <i>Journal of Sol-Gel Science and Technology</i> , <b>2005</b> , 35, 211-220	2.3	5
5	Development of a New Clean-up Method for the Determination of 5-methyl-tetrahydrofolate in Milk Samples Using a Sol-Gel Lactoglobulin Column. <i>Journal of Sol-Gel Science and Technology</i> , <b>2005</b> , 36, 275-283	2.3	3
4	Doublecortin and IGF-1R protein levels are reduced in spite of unchanged DNA methylation in the hippocampus of aged rats. <i>Amino Acids</i> , <b>2020</b> , 52, 543-553	3.5	1
3	Design of Mismatch Primers to Identify and Differentiate Closely Related (Sub)Species: Application to the Authentication of Meat Products. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2392, 65-82	1.4	1
2	Applicability of a duplex and four singleplex real-time PCR assays for the qualitative and quantitative determination of wild boar and domestic pig meat in processed food products. <i>Scientific Reports</i> , <b>2020</b> , 10, 17243	4.9	1
1	Expression, Purification and Crystallization of Wheat Profilin (Tri a 12). <i>Croatica Chemica Acta</i> , <b>2011</b> , 84, 419-422	0.8	