

Margit Cichna-Markl

List of Publications by Year in descending order

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64
papers

1,588
citations

236925

25
h-index

345221

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all docs

65
docs citations

65
times ranked

1932
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2022, 2392, 65-82.	0.9	2
2	Interlaboratory Validation of a DNA Metabarcoding Assay for Mammalian and Poultry Species to Detect Food Adulteration. <i>Foods</i> , 2022, 11, 1108.	4.3	9
3	Development of a DNA Metabarcoding Method for the Identification of Bivalve Species in Seafood Products. <i>Foods</i> , 2021, 10, 2618.	4.3	9
4	Real-Time PCR Assay for the Detection and Quantification of Roe Deer to Detect Food Adulteration—Interlaboratory Validation Involving Laboratories in Austria, Germany, and Switzerland. <i>Foods</i> , 2021, 10, 2645.	4.3	3
5	Discrimination between 34 of 36 Possible Combinations of Three C>T SNP Genotypes in the MGMT Promoter by High Resolution Melting Analysis Coupled with Pyrosequencing Using A Single Primer Set. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12527.	4.1	2
6	Identification of Mammalian and Poultry Species in Food and Pet Food Samples Using 16S rDNA Metabarcoding. <i>Foods</i> , 2021, 10, 2875.	4.3	15
7	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> , 2020, 10, 17243.	3.3	5
8	An Organometallic Gold(I) Bis- π -Heterocyclic Carbene Complex with Multimodal Activity in Ovarian Cancer Cells. <i>Chemistry - A European Journal</i> , 2020, 26, 15528-15537.	3.3	42
9	Aberrant DNA Methylation of ABC Transporters in Cancer. <i>Cells</i> , 2020, 9, 2281.	4.1	23
10	Doublecortin and IGF-1R protein levels are reduced in spite of unchanged DNA methylation in the hippocampus of aged rats. <i>Amino Acids</i> , 2020, 52, 543-553.	2.7	3
11	Development of a DNA metabarcoding method for the identification of fifteen mammalian and six poultry species in food. <i>Food Chemistry</i> , 2019, 272, 354-361.	8.2	39
12	Time-dependent shotgun proteomics revealed distinct effects of an organoruthenium prodrug and its activation product on colon carcinoma cells. <i>Metallomics</i> , 2019, 11, 118-127.	2.4	26
13	Differentiation between wild boar and domestic pig in food by targeting two gene loci by real-time PCR. <i>Scientific Reports</i> , 2019, 9, 9221.	3.3	10
14	Red deer (<i>Cervus elaphus</i>)-specific real-time PCR assay for the detection of food adulteration. <i>Food Control</i> , 2018, 89, 157-166.	5.5	20
15	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> , 2018, 243, 82-90.	8.2	25
16	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> , 2018, 269, 486-494.	8.2	23
17	Sika deer (<i>Cervus nippon</i>)-specific real-time PCR method to detect fraudulent labelling of meat and meat products. <i>Scientific Reports</i> , 2018, 8, 7236.	3.3	21
18	Hypermethylation of CDKN2A exon 2 in tumor, tumor-adjacent and tumor-distant tissues from breast cancer patients. <i>BMC Cancer</i> , 2017, 17, 260.	2.6	27

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19	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> , 2017, 49, 117-127.	2.7	9
20	Promoter methylation patterns of <i>ABCB1</i> , <i>ABCC1</i> and <i>ABCG2</i> in human cancer cell lines, multidrug-resistant cell models and tumor, tumor-adjacent and tumor-distant tissues from breast cancer patients. <i>Oncotarget</i> , 2016, 7, 73347-73369.	1.8	31
21	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> , 2016, 70, 392-400.	5.5	28
22	Acquired nintedanib resistance in FGFR1-driven small cell lung cancer: role of endothelin-A receptor-activated ABCB1 expression. <i>Oncotarget</i> , 2016, 7, 50161-50179.	1.8	19
23	Chronic arsenic trioxide exposure leads to enhanced aggressiveness via Met oncogene addiction in cancer cells. <i>Oncotarget</i> , 2016, 7, 27379-27393.	1.8	8
24	Applicability of HIN-1, MGMT and RASSF1A promoter methylation as biomarkers for detecting field cancerization in breast cancer. <i>Breast Cancer Research</i> , 2015, 17, 125.	5.0	39
25	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> , 2015, 178, 319-326.	8.2	41
26	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> , 2015, 57, 370-376.	5.5	23
27	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> , 2015, 184, 46-56.	8.2	9
28	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> , 2015, 174, 75-81.	8.2	12
29	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> , 2015, 170, 508-517.	8.2	34
30	High resolution melting (HRM) analysis of DNA – Its role and potential in food analysis. <i>Food Chemistry</i> , 2014, 158, 245-254.	8.2	135
31	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> , 2014, 153, 66-73.	8.2	11
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> , 2013, 141, 407-418.	8.2	22
33	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> , 2013, 138, 348-355.	8.2	23
34	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> , 2013, 6, 248-257.	2.6	9
35	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> , 2013, 141, 229-235.	8.2	13
36	Comparison of protocols for DNA extraction from long-term preserved formalin fixed tissues. <i>Analytical Biochemistry</i> , 2013, 439, 152-160.	2.4	51

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37	Sample clean-up by solâ€gel immunoaffinity chromatography for the determination of bisphenol A in food and urine. <i>Methods</i> , 2012, 56, 186-191.	3.8	14
38	Development and validation of a novel real-time PCR method for the detection of celery (<i>Apium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	8.2	24
39	Development and validation of a sandwich ELISA for the determination of potentially allergenic lupine in food. <i>Food Chemistry</i> , 2012, 130, 759-766.	8.2	29
40	Impact of ozonation on the genotoxic activity of tertiary treated municipal wastewater. <i>Water Research</i> , 2011, 45, 3681-3691.	11.3	48
41	Solâ€gel immunoaffinity chromatography for the clean up of ochratoxin A contaminated grains. <i>Journal of Chromatography A</i> , 2011, 1218, 7627-7633.	3.7	7
42	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> , 2011, 400, 2615-2622.	3.7	14
43	Expression, Purification and Crystallization of Wheat Profilin (Tri a 12). <i>Croatica Chemica Acta</i> , 2011, 84, 419-422.	0.4	0
44	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> , 2010, 398, 1735-1745.	3.7	31
45	Determination of deoxynivalenol in organic and conventional food and feed by solâ€gel immunoaffinity chromatography and HPLCâ€UV detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 187-193.	2.3	36
46	Development and Validation of a Real-Time PCR Method for the Detection of White Mustard (<i>Sinapis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	5.2	18
47	Development and Validation of an Indirect Competitive Enzyme Linked-Immunesorbent Assay for the Determination of Potentially Allergenic Sesame (<i>Sesamum indicum</i>) </i> in Food. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 1434-1441.	5.2	32
48	Immunoâ€ultrafiltration as a new strategy in sample cleanâ€up of aflatoxins. <i>Journal of Separation Science</i> , 2009, 32, 1729-1739.	2.5	19
49	Co-isolation of deoxynivalenol and zearalenone with solâ€gel immunoaffinity columns for their determination in wheat and wheat products. <i>Journal of Chromatography A</i> , 2009, 1216, 5828-5837.	3.7	25
50	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> , 2009, 57, 2126-2134.	5.2	49
51	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> , 2008, 1202, 111-117.	3.7	27
52	Development of a Real-Time PCR Method To Detect Potentially Allergenic Sesame (<i>Sesamum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	5.2	34
53	Selective Sample Cleanup by Reusable Solâ€Gel Immunoaffinity Columns for Determination of Deoxynivalenol in Food and Feed Samples. <i>Analytical Chemistry</i> , 2007, 79, 710-717.	6.5	40
54	Sample clean-up with solâ€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> , 2007, 850, 361-369.	2.3	40

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55	Determination of bisphenol A in canned fish by sol-gel immunoaffinity chromatography, HPLC and fluorescence detection. <i>European Food Research and Technology</i> , 2007, 224, 629-634.	3.3	38
56	Sample clean-up by sol-gel immunoaffinity chromatography for determination of chloramphenicol in shrimp. <i>Journal of Sol-Gel Science and Technology</i> , 2007, 41, 175-183.	2.4	13
57	Selective sample preparation with bioaffinity columns prepared by the sol-gel method. <i>Journal of Chromatography A</i> , 2006, 1124, 167-180.	3.7	31
58	Determination of bisphenol A in wine by sol-gel immunoaffinity chromatography, HPLC and fluorescence detection. <i>Food Additives and Contaminants</i> , 2006, 23, 1227-1235.	2.0	49
59	Sample preparation including sol-gel immunoaffinity chromatography for determination of bisphenol A in canned beverages, fruits and vegetables. <i>Journal of Chromatography A</i> , 2005, 1062, 189-198.	3.7	54
60	Analysis of Phytoestrogens in Foods Using Sol-Gel Enzyme Columns for Sample Preparation. <i>Journal of Sol-Gel Science and Technology</i> , 2005, 35, 211-220.	2.4	5
61	Development of a New Clean-up Method for the Determination of 5-methyl-tetrahydrofolate in Milk Samples Using a Sol-Gel γ -Lactoglobulin Column. <i>Journal of Sol-Gel Science and Technology</i> , 2005, 36, 275-283.	2.4	3
62	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> , 2003, 481, 245-253.	5.4	15
63	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> , 2003, 787, 381-391.	2.3	29
64	On-line coupling of sol-gel-generated immunoaffinity columns with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2001, 919, 51-58.	3.7	41