

Markus Fischer

List of Publications by Year in descending order

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294
papers

8,164
citations

50276

46
h-index

91884

69
g-index

307
all docs

307
docs citations

307
times ranked

8174
citing authors

#	ARTICLE	IF	CITATIONS
1	Food authentication of almonds (<i>Prunus dulcis</i> mill.). Origin analysis with inductively coupled plasma mass spectrometry (ICP-MS) and chemometrics. <i>Food Control</i> , 2022, 134, 108689.	5.5	15
2	Determination of the geographical origin of hazelnuts (<i>Corylus avellana</i> L.) by Near-Infrared spectroscopy (NIR) and a Low-Level Fusion with nuclear magnetic resonance (NMR). <i>Microchemical Journal</i> , 2022, 174, 107066.	4.5	21
3	Food authentication in the routine laboratory: Determination of the geographical origin of white asparagus using a simple targeted LC-ESI-QqQ-MS/MS approach. <i>Food Control</i> , 2022, 135, 108690.	5.5	7
4	Wood profiling by non-targeted liquid chromatography high-resolution mass spectrometry: Part 2, Detection of the geographical origin of spruce wood (<i>Picea abies</i>) by determination of metabolite pattern. <i>Journal of Chromatography A</i> , 2022, 1663, 462737.	3.7	4
5	Fourier-transform near-infrared spectroscopy as a fast screening tool for the verification of the geographical origin of grain maize (<i>Zea mays</i> L.). <i>Food Control</i> , 2022, 136, 108892.	5.5	16
6	Opening the Random Forest Black Box of the Metabolome by the Application of Surrogate Minimal Depth. <i>Metabolites</i> , 2022, 12, 5.	2.9	8
7	Food Authentication of Almonds (<i>Prunus dulcis</i> Mill.). Fast Origin Analysis with Laser Ablation Inductively Coupled Plasma Mass Spectrometry and Chemometrics. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 5237-5244.	5.2	8
8	Bestimmung des Kakaoschalenanteils in Kakaopulver mittels Fourier-Transformation Nahinfrarotspektroskopie (FT-NIRS). <i>Lebensmittelchemie</i> , 2022, 76, .	0.0	0
9	Food authentication: truffle species classification by non-targeted lipidomics analyses using mass spectrometry assisted by ion mobility separation. <i>Molecular Omics</i> , 2022, 18, 616-626.	2.8	9
10	Completing the Picture: Determination of ¹³ C Hyperfine Coupling Constants of Flavin Semiquinone Radicals by Photochemically Induced Dynamic Nuclear Polarization Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 5160-5167.	4.6	8
11	Impact of Freeze-Drying on the Determination of the Geographical Origin of Almonds (<i>Prunus dulcis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	2.6	2
12	<i>In Vitro</i> CRISPR-Cpf1 Assay for Differentiation of Fine and Bulk Cocoa (<i>Theobroma cacao</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.2	5
13	Food authentication: Determination of the geographical origin of almonds (<i>Prunus dulcis</i> Mill.) via near-infrared spectroscopy. <i>Microchemical Journal</i> , 2021, 160, 105702.	4.5	21
14	Molekularbiologische Verfahren. , 2021, , 287-328.		0
15	Wood profiling by non-targeted high-resolution mass spectrometry: Part 1, Metabolite profiling in Cedrela wood for the determination of the geographical origin. <i>Journal of Chromatography A</i> , 2021, 1641, 461993.	3.7	8
16	Search for the Active Ingredients from a 2-aminothiazole DMSO Stock Solution with Antimalarial Activity. <i>ChemMedChem</i> , 2021, 16, 2089-2093.	3.2	2
17	A DNA microarray for the authentication of giant tiger prawn (<i>Penaeus monodon</i>) and whiteleg shrimp (<i>Penaeus (Litopenaeus) vannamei</i>): a proof-of-principle. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 4837-4846.	3.7	2
18	High-Throughput Selection and Characterisation of Aptamers on Optical Next-Generation Sequencers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9202.	4.1	4

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19	Selective ¹³ C labelling reveals the electronic structure of flavocoenzyme radicals. <i>Scientific Reports</i> , 2021, 11, 18234.	3.3	2
20	Non-Targeted LC-MS Metabolomics Approach towards an Authentication of the Geographical Origin of Grain Maize (<i>Zea mays</i> L.) Samples. <i>Foods</i> , 2021, 10, 2160.	4.3	12
21	Glass authentication: Laser ablation-inductively coupled plasma mass spectrometry (LA-ICP-MS) for origin discrimination of glass bottles. <i>Talanta</i> , 2021, 235, 122686.	5.5	13
22	Genetic authentication: Differentiation of hazelnut cultivars using polymorphic sites of the chloroplast genome. <i>Food Control</i> , 2021, 130, 108344.	5.5	7
23	Assessment of the rules related to gaining activity against Gram-negative bacteria. <i>RSC Medicinal Chemistry</i> , 2021, 12, 593-601.	3.9	7
24	Authentizität und Herkunft. , 2021, , 871-885.		1
25	Kopplungstechniken. , 2021, , 167-197.		0
26	Targeting the IspD Enzyme in the MEP Pathway: Identification of a Novel Fragment Class. <i>ChemMedChem</i> , 2021, , e202100679.	3.2	4
27	Genetic profiling: Differentiation and identification of hazelnut cultivars (<i>Corylus avellana</i> L.) using RAPD-PCR. <i>Food Control</i> , 2020, 107, 106791.	5.5	8
28	Design of a user-friendly and rapid DNA microarray assay for the authentication of ten important food fish species. <i>Food Chemistry</i> , 2020, 311, 125884.	8.2	19
29	The crystal structure of mycobacterial epoxide hydrolase A. <i>Scientific Reports</i> , 2020, 10, 16539.	3.3	4
30	Food Profiling – Analytical Strategies for Food Authentication. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14321-14322.	5.2	1
31	Origin Determination of Walnuts (<i>Juglans regia</i> L.) on a Worldwide and Regional Level by Inductively Coupled Plasma Mass Spectrometry and Chemometrics. <i>Foods</i> , 2020, 9, 1708.	4.3	17
32	Food Authentication: Truffle (<i>Tuber</i> spp.) Species Differentiation by FT-NIR and Chemometrics. <i>Foods</i> , 2020, 9, 922.	4.3	22
33	Excited State Vibrations of Isotopically Labeled FMN Free and Bound to a Light – Oxygen – Voltage (LOV) Protein. <i>Journal of Physical Chemistry B</i> , 2020, 124, 7152-7165.	2.6	10
34	Determination of the Geographical Origin of <i>Asparagus officinalis</i> L. by ¹ H NMR Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14353-14363.	5.2	19
35	Food Phenotyping: Recording and Processing of Non-Targeted Liquid Chromatography Mass Spectrometry Data for Verifying Food Authenticity. <i>Molecules</i> , 2020, 25, 3972.	3.8	15
36	Genomic Profiling: The Strengths and Limitations of Chloroplast Genome-Based Plant Variety Authentication. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14323-14333.	5.2	25

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37	Food Profiling: Determination of the Geographical Origin of Walnuts by ¹ H NMR Spectroscopy Using the Polar Extract. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 15526-15534.	5.2	13
38	Determination of the Geographical Origin of Walnuts (<i>Juglans regia</i> L.) Using Near-Infrared Spectroscopy and Chemometrics. <i>Foods</i> , 2020, 9, 1860.	4.3	20
39	Metabolic imaging: Analysis of different sections of white <i>Asparagus officinalis</i> shoots using high-resolution mass spectrometry. <i>Journal of Plant Physiology</i> , 2020, 250, 153179.	3.5	7
40	Detection of Peanut Adulteration in Food Samples by Nuclear Magnetic Resonance Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14364-14373.	5.2	19
41	Food Authentication: Species and Origin Determination of Truffles (<i>Tuber</i> spp.) by Inductively Coupled Plasma Mass Spectrometry and Chemometrics. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14374-14385.	5.2	24
42	Genetic authentication: Differentiation of fine and bulk cocoa (<i>Theobroma cacao</i> L.) by a new CRISPR/Cas9-based in vitro method. <i>Food Control</i> , 2020, 114, 107219.	5.5	21
43	Food Targeting: Determination of the Cocoa Shell Content (<i>Theobroma cacao</i> L.) in Cocoa Products by LC-QqQ-MS/MS. <i>Metabolites</i> , 2020, 10, 91.	2.9	8
44	Coupled Methyl Group Rotation in FMN Radicals Revealed by Selective Deuterium Labeling. <i>Journal of Physical Chemistry B</i> , 2020, 124, 1678-1690.	2.6	2
45	Mass-Spectrometry-Based Food Metabolomics in Routine Applications: A Basic Standardization Approach Using Housekeeping Metabolites for the Authentication of <i>Asparagus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14343-14352.	5.2	17
46	Food Authentication: Identification and Quantitation of Different Tuber Species via Capillary Gel Electrophoresis and Real-Time PCR. <i>Foods</i> , 2020, 9, 501.	4.3	13
47	Comparison of different sample preparation techniques for NIR screening and their influence on the geographical origin determination of almonds (<i>Prunus dulcis</i> MILL.). <i>Food Control</i> , 2020, 115, 107302.	5.5	26
48	Food authentication in real life: How to link nontargeted approaches with routine analytics?. <i>Electrophoresis</i> , 2020, 41, 1665-1679.	2.4	26
49	Signal pattern plot: a simple tool for time-dependent metabolomics studies by ¹ H NMR spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6857-6866.	3.7	3
50	Novel reverse thia-analogs of fosmidomycin: Synthesis and antiplasmodial activity. <i>European Journal of Medicinal Chemistry</i> , 2019, 181, 111555.	5.5	6
51	Classification of Grain Maize (<i>Zea mays</i> L.) from Different Geographical Origins with FTIR Spectroscopy – a Suitable Analytical Tool for Feed Authentication?. <i>Food Analytical Methods</i> , 2019, 12, 2172-2184.	2.6	26
52	Lebensmittelchemie – Wo kommt sie her und wo geht die Reise hin?. <i>Chemie in Unserer Zeit</i> , 2019, 53, 275-275.	0.1	0
53	Aptamer lateral flow assays for rapid and sensitive detection of cholera toxin. <i>Analyst</i> , 2019, 144, 1840-1849.	3.5	57
54	Inhibitors of the Bifunctional Methyl-erythritol 4-Phosphate Cytidylyl Transferase/2-Methyl-erythritol 2,4-cyclopyrophosphate Synthase (IspDF) of <i>Helicobacter pylori</i> . <i>Helvetica Chimica Acta</i> , 2019, 102, e1800228.	1.6	2

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55	Food authentication: Multi-elemental analysis of white asparagus for provenance discrimination. <i>Food Chemistry</i> , 2019, 286, 475-482.	8.2	47
56	Antibody Cross-Reactivity between Proteins of Chia Seed (<i>Salvia hispanica</i> L.) and Other Food Allergens. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 7475-7484.	5.2	15
57	Food fingerprinting: Mass spectrometric determination of the cocoa shell content (<i>Theobroma cacao</i>) Tj ETQq1 1 0.784314 rgBT /Overl	8.2	14
58	Assessment of Mixtures by Spectral Superposition. An Approach in the Field of Metabolomics. <i>Journal of Proteome Research</i> , 2019, 18, 2458-2466.	3.7	5
59	Food monitoring: Screening of the geographical origin of white asparagus using FT-NIR and machine learning. <i>Food Control</i> , 2019, 104, 318-325.	5.5	61
60	Cobalamin is produced by <i>Acetobacter pasteurianus</i> DSM 3509. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3875-3885.	3.6	8
61	Food Authenticity: Bestimmung der geographischen Herkunft von Mandeln (<i>Prunus dulcis</i>) Tj ETQq1 1 0.784314 rgBT /Overl	0.0	0
62	Food Authenticity: Anwendung nonpolarer Methoden zur Herkunftsbestimmung von Walnüssen (<i>Juglans regia</i> L.) mittels hochauflösender Ionenmobilitäts-Massenspektrometrie (IMMS). <i>Lebensmittelchemie</i> , 2019, 73, S099.	0.0	0
63	Isotopomics: Strategien zur Quantifizierung von Cellulose-Matrices mittels LAICPMS. <i>Lebensmittelchemie</i> , 2019, 73, S097.	0.0	0
64	FOOD PROFILING: Entwicklung von Isotopomics-Strategien zur Authentizitätsbestimmung von Trüffel. <i>Lebensmittelchemie</i> , 2019, 73, S098.	0.0	0
65	Nonradioactive Cell Assay for the Evaluation of Modular Prostate-Specific Membrane Antigen Targeting Ligands via Inductively Coupled Plasma Mass Spectrometry. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 10912-10918.	6.4	3
66	Influence of the cofactor structure on the photophysical processes initiating signal transduction in a phototropin-derived LOV domain. <i>Journal of Chemical Physics</i> , 2019, 151, 235102.	3.0	4
67	Methyl groups matter: Photo-CIDNP characterizations of the semiquinone radicals of FMN and demethylated FMN analogs. <i>Journal of Chemical Physics</i> , 2019, 151, 235103.	3.0	14
68	Effects of elevated CO2 concentration on leaves and berries of black elder (<i>Sambucus nigra</i>) using UHPLC-ESI-QTOF-MS/MS and gas exchange measurements. <i>Journal of Plant Physiology</i> , 2019, 234-235, 71-79.	3.5	9
69	Structure of GTP cyclohydrolase I from <i>Listeria monocytogenes</i> , a potential anti-infective drug target. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2019, 75, 586-592.	0.8	4
70	Omics approaches for food authentication. <i>Electrophoresis</i> , 2018, 39, 1569-1581.	2.4	61
71	Highly affine and selective aptamers against cholera toxin as capture elements in magnetic bead-based sandwich ELAA. <i>Journal of Biotechnology</i> , 2018, 269, 35-42.	3.8	27
72	Variation in LOV Photoreceptor Activation Dynamics Probed by Time-Resolved Infrared Spectroscopy. <i>Biochemistry</i> , 2018, 57, 620-630.	2.5	20

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73	Phage Display on the Anti-infective Target 1-Deoxyxylulose-5-phosphate Synthase Leads to an Acceptor-Substrate Competitive Peptidic Inhibitor. <i>ChemBioChem</i> , 2018, 19, 58-65.	2.6	8
74	Localising functionalised gold-nanoparticles in murine spinal cords by X-ray fluorescence imaging and background-reduction through spatial filtering for human-sized objects. <i>Scientific Reports</i> , 2018, 8, 16561.	3.3	25
75	Long-Lived Hydrated FMN Radicals: EPR Characterization and Implications for Catalytic Variability in Flavoproteins. <i>Journal of the American Chemical Society</i> , 2018, 140, 16521-16527.	13.7	19
76	Plant Metabolomics: Evaluation of Different Extraction Parameters for Nontargeted UPLC-ESI-QTOF-Mass Spectrometry at the Example of White <i>Asparagus officinalis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 12876-12887.	5.2	31
77	Food Authentication: Small-Molecule Profiling as a Tool for the Geographic Discrimination of German White Asparagus. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 13328-13339.	5.2	31
78	¹ H NMR Spectroscopy for Determination of the Geographical Origin of Hazelnuts. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11873-11879.	5.2	43
79	Aryl bis-sulfonamides bind to the active site of a homotrimeric isoprenoid biosynthesis enzyme IspF and extract the essential divalent metal cation cofactor. <i>Chemical Science</i> , 2018, 9, 5976-5986.	7.4	8
80	Not stealing from the treasure chest (or just a bit): Analyses on plant derived writing supports and non-invasive DNA sampling. <i>PLoS ONE</i> , 2018, 13, e0198513.	2.5	6
81	Authentizität. Springer-Lehrbuch, 2018, , 687-699.	0.0	0
82	Aptamers: Universal capture units for lateral flow applications. <i>Analytical Biochemistry</i> , 2017, 522, 53-60.	2.4	13
83	Food Targeting: Geographical Origin Determination of Hazelnuts (<i>Corylus avellana</i>) by LC-QqQ-MS/MS-Based Targeted Metabolomics Application. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 1456-1465.	5.2	53
84	Metabolite profiling: development and application of an UHR-QTOF-MS(/MS) method approach for the assessment of metabolic changes in high fat diet fed mice. <i>Metabolomics</i> , 2017, 13, 1.	3.0	2
85	Femtosecond to Millisecond Dynamics of Light Induced Allostery in the <i>Avena sativa</i> LOV Domain. <i>Journal of Physical Chemistry B</i> , 2017, 121, 1010-1019.	2.6	36
86	Thermogenic adipocytes promote HDL turnover and reverse cholesterol transport. <i>Nature Communications</i> , 2017, 8, 15010.	12.8	117
87	Aptamer-Based Trapping: Enrichment of <i>Bacillus cereus</i> Spores for Real-Time PCR Detection. <i>Methods in Molecular Biology</i> , 2017, 1600, 61-68.	0.9	2
88	Cold-induced conversion of cholesterol to bile acids in mice shapes the gut microbiome and promotes adaptive thermogenesis. <i>Nature Medicine</i> , 2017, 23, 839-849.	30.7	225
89	Development of a Multiplex Real-Time PCR for Determination of Apricot in Marzipan Using the Plexor System. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 516-522.	5.2	12
90	Plant Metabolomics: Maximizing Metabolome Coverage by Optimizing Mobile Phase Additives for Nontargeted Mass Spectrometry in Positive and Negative Electrospray Ionization Mode. <i>Analytical Chemistry</i> , 2017, 89, 10474-10486.	6.5	45

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91	Mechanism of Allosteric Inhibition of the Enzyme IspD by Three Different Classes of Ligands. ACS Chemical Biology, 2017, 12, 2132-2138.	3.4	12
92	Genome sequencing and comparative genomics of enterohemorrhagic Escherichia coli O145:H25 and O145:H28 reveal distinct evolutionary paths and marked variations in traits associated with virulence & colonization. BMC Microbiology, 2017, 17, 183.	3.3	40
93	Rapid Mercury(II) Removal by Electrospun Sulfur Copolymers. Polymers, 2016, 8, 266.	4.5	82
94	Complete Genome Sequences of Four Enterohemolysin-Positive (ehxA) Enterocyte Effacement-Negative Shiga Toxin-Producing Escherichia coli Strains. Genome Announcements, 2016, 4, .	0.8	7
95	Aptamer-based trapping of phytosphingosine in urine samples. Journal of Biotechnology, 2016, 238, 30-34.	3.8	6
96	Plasmids from Shiga Toxin-Producing Escherichia coli Strains with Rare Enterohemolysin Gene () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 and Environmental Microbiology, 2016, 82, 6367-6377.	3.1	19
97	Food Fingerprinting: Metabolomic Approaches for Geographical Origin Discrimination of Hazelnuts (Corylus avellana) by UPLC-QTOF-MS. Journal of Agricultural and Food Chemistry, 2016, 64, 9253-9262.	5.2	70
98	Automated Enrichment of Sulfanilamide in Milk Matrices by Utilization of Aptamer-Linked Magnetic Particles. Journal of Agricultural and Food Chemistry, 2016, 64, 9246-9252.	5.2	14
99	HPTLC-aptastaining " Innovative protein detection system for high-performance thin-layer chromatography. Scientific Reports, 2016, 6, 26665.	3.3	8
100	Metabolite targeting: development of a comprehensive targeted metabolomics platform for the assessment of diabetes and its complications. Metabolomics, 2016, 12, 1.	3.0	6
101	Inhibition of the Non-Mevalonate Isoprenoid Pathway by Reverse Hydroxamate Analogues of Fosmidomycin. Procedia Chemistry, 2015, 14, 108-116.	0.7	6
102	Aryl Bis-Sulfonamide Inhibitors of IspF from Arabidopsis thaliana and Plasmodium falciparum . ChemMedChem, 2015, 10, 2090-2098.	3.2	15
103	Sweetness and other sensory properties of model fruit drinks: does viscosity have an impact?. Journal of the Science of Food and Agriculture, 2015, 95, 809-818.	3.5	6
104	8-Substituted, syn-Configured Adenosine Derivatives as Potential Inhibitors of the Enzyme IspE from the Non-Mevalonate Pathway of Isoprenoid Biosynthesis. European Journal of Organic Chemistry, 2015, 2015, 7276-7286.	2.4	3
105	Catalysis of an Essential Step in Vitamin B ₂ Biosynthesis by a Consortium of Broad Spectrum Hydrolases. ChemBioChem, 2015, 16, 2466-2469.	2.6	17
106	Examination of clinical and environmental Vibrio parahaemolyticus isolates by multi-locus sequence typing (MLST) and multiple-locus variable-number tandem-repeat analysis (MLVA). Frontiers in Microbiology, 2015, 6, 564.	3.5	26
107	Complete Genome Sequences of a Clinical Isolate and an Environmental Isolate of Vibrio parahaemolyticus. Genome Announcements, 2015, 3, .	0.8	32
108	Strategy for Enhancement of ¹³ C-Photo-CIDNP NMR Spectra by Exploiting Fractional ¹³ C-Labeling of Tryptophan. Journal of Physical Chemistry B, 2015, 119, 13934-13943.	2.6	8

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109	Applying Population Genetics for Authentication of Marine Fish: The Case of Saithe (<i>Pollachius</i>) Tj ETQq1 1 0.784314 rgBT/Overlook	5.2	12
110	Food Sensing: Selection and Characterization of DNA Aptamers to <i>Alicyclobacillus</i> Spores for Trapping and Detection from Orange Juice. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 2189-2197.	5.2	23
111	Prodrugs of Reverse Fosmidomycin Analogues. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2025-2035.	6.4	22
112	Preparation of Flavocoenzyme Isotopologues by Biotransformation of Purines. <i>Journal of Organic Chemistry</i> , 2015, 80, 2539-2544.	3.2	4
113	The complex isotopologue space of glucose as a framework for the study of human intermediary metabolism. <i>Isotopes in Environmental and Health Studies</i> , 2015, 51, 11-23.	1.0	2
114	Food Fingerprinting: Characterization of the Ecuadorean Type CCN-51 of <i>Theobroma cacao</i> L. Using Microsatellite Markers. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4539-4544.	5.2	21
115	Food Targeting: A Real-Time PCR Assay Targeting 16S rDNA for Direct Quantification of <i>Alicyclobacillus</i> spp. Spores after Aptamer-Based Enrichment. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4291-4296.	5.2	27
116	Food Sensing: Aptamer-Based Trapping of <i>Bacillus cereus</i> Spores with Specific Detection via Real Time PCR in Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8050-8057.	5.2	34
117	Inhibition of Methyl-CoM Reductase from <i>Methanobrevibacter ruminantium</i> by 2-Bromoethanesulfonate. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 12487-12490.	5.2	9
118	Lebensmittelsicherheit & Verpackung. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2014, 9, 391-420.	1.4	6
119	Service Composition for REST. , 2014, , .		11
120	One Protein, Two Chromophores: Comparative Spectroscopic Characterization of 6,7-Dimethyl-8-ribityllumazine and Riboflavin Bound to Lumazine Protein. <i>Journal of Physical Chemistry B</i> , 2014, 118, 13092-13105.	2.6	15
121	DNA-Based Differentiation of the Ecuadorian Cocoa Types CCN-51 and Arriba Based on Sequence Differences in the Chloroplast Genome. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 12118-12127.	5.2	26
122	Impact of wine manufacturing practice on the occurrence of fining agents with allergenic potential. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 1805-1817.	2.3	22
123	Pseudilins: Halogenated, Allosteric Inhibitors of the Non-Mevalonate Pathway Enzyme IspD. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2235-2239.	13.8	53
124	Improved PCR-RFLP method for the identification of <i>Escherichia coli</i> enterohemolysin (ehxA) subtypes. <i>Journal of Microbiological Methods</i> , 2014, 100, 24-26.	1.6	2
125	A liquid chromatography-tandem mass spectrometry-based method for the simultaneous determination of hydroxy sterols and bile acids. <i>Journal of Chromatography A</i> , 2014, 1371, 184-195.	3.7	60
126	<i>Just in Time</i> -Selection: A Rapid Semiautomated SELEX of DNA Aptamers Using Magnetic Separation and BEAMing. <i>Analytical Chemistry</i> , 2014, 86, 10940-10947.	6.5	49

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127	Suitability of the Molecular Subtyping Methods Intergenic Spacer Region, Direct Genome Restriction Analysis, and Pulsed-Field Gel Electrophoresis for Clinical and Environmental <i>Vibrio parahaemolyticus</i> Isolates. <i>Foodborne Pathogens and Disease</i> , 2014, 11, 520-528.	1.8	12
128	Ultrafast Structural Dynamics of BlsA, a Photoreceptor from the Pathogenic Bacterium <i>Acinetobacter baumannii</i> . <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 220-224.	4.6	25
129	Binding Modes of Reverse Fosmidomycin Analogs toward the Antimalarial Target IspC. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 8827-8838.	6.4	25
130	Fermentative Nisin Production in Tofu for its Preservation. <i>New Biotechnology</i> , 2014, 31, S159.	4.4	0
131	Detecting a New Source for Photochemically Induced Dynamic Nuclear Polarization in the LOV2 Domain of Phototropin by Magnetic-Field Dependent ¹³ C NMR Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2014, 118, 11622-11632.	2.6	21
132	Evaluation of the Efficiency of Enological Procedures on Lysozyme Depletion in Wine by an Indirect ELISA Method. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 6247-6253.	5.2	16
133	Development of a Sensitive ELISA for the Detection of Casein-Containing Fining Agents in Red and White Wines. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 6803-6812.	5.2	28
134	Deorphaning Pyrrolopyrazines as Potent Multi-Target Antimalarial Agents. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7079-7084.	13.8	30
135	Recent Advances in Riboflavin Biosynthesis. <i>Methods in Molecular Biology</i> , 2014, 1146, 15-40.	0.9	27
136	A Roadmap to the Isotopolog Space of Flavocoenzymes. <i>Methods in Molecular Biology</i> , 2014, 1146, 65-78.	0.9	3
137	Genetic and phylogenetic evidence for horizontal gene transfer among ecologically disparate groups of marine <i>Vibrio</i> . <i>Cladistics</i> , 2013, 29, 46-64.	3.3	3
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