

# Hans-Ulrich Humpf

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

272  
papers

10,740  
citations

50  
h-index

91  
g-index

306  
ext. papers

12,896  
ext. citations

4.8  
avg, IF

6.37  
L-index

#	Paper	IF	Citations
272	Mycotoxins in Serum and 24-h Urine of Vegans and Omnivores from the Risks and Benefits of a Vegan Diet (RBVD) Study.. <i>Molecular Nutrition and Food Research</i> , <b>2022</b> , e2100874	5.9	2
271	In Vitro Metabolism of Helenalin Acetate and 11β-3-Dihydrohelenalin Acetate: Natural Sesquiterpene Lactones from Arnica.. <i>Metabolites</i> , <b>2022</b> , 12,	5.6	1
270	Metabolic conjugation reduces in vitro toxicity of the flavonoid nevadensin.. <i>Food and Chemical Toxicology</i> , <b>2022</b> , 113006	4.7	0
269	Assessment of multiple mycotoxin exposure and its association with food consumption: a human biomonitoring study in a pregnant cohort in rural Bangladesh.. <i>Archives of Toxicology</i> , <b>2022</b> , 1	5.8	0
268	Can the presence of additives result in false positive errors for microplastics in infant feeding bottles?. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2021</b> , 1-13	3.2	0
267	Identification of Potential Urinary Biomarkers for Bell Pepper Intake by HPLC-HRMS-Based Metabolomics and Structure Elucidation by NMR. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 13644-13656	5.7	1
266	Efflux at the Blood-Brain Barrier Reduces the Cerebral Exposure to Ochratoxin A, Ochratoxin B Citrinin and Dihydrocitrinone. <i>Toxins</i> , <b>2021</b> , 13,	4.9	2
265	Subcellular spatio-temporal intravital kinetics of aflatoxin B and ochratoxin A in liver and kidney. <i>Archives of Toxicology</i> , <b>2021</b> , 95, 2163-2177	5.8	3
264	Identification of main influencing factors on the protein corona composition of PLGA and PLA nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2021</b> , 163, 212-222	5.7	5
263	Determination of Urinary Mycotoxin Biomarkers Using a Sensitive Online Solid Phase Extraction-UHPLC-MS/MS Method. <i>Toxins</i> , <b>2021</b> , 13,	4.9	2
262	Ion identity molecular networking for mass spectrometry-based metabolomics in the GNPS environment. <i>Nature Communications</i> , <b>2021</b> , 12, 3832	17.4	22
261	Biosynthesis of Fusapyrone Depends on the H3K9 Methyltransferase, FmKmt1, in <i>Fusarium mangiferae</i> . <i>Frontiers in Fungal Biology</i> , <b>2021</b> , 2,	0.3	5
260	Natural Compounds Isolated from Are Potent Inhibitors of Human Protein Kinase CK2. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
259	Chemoenzymatic synthesis of 2,6-disubstituted tetrahydropyrans with high $\mu$ receptor affinity, antitumor and analgesic activity. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 219, 113443	6.8	2
258	Urinary Biomarkers for Orange Juice Consumption. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 65, e2000781	5.9	3
257	Novel $\mu$ antagonists designed for tumor therapy: Structure - activity relationships of aminoethyl substituted cyclohexanes. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 210, 112950	6.8	2
256	Dried urine spots as sampling technique for multi-mycotoxin analysis in human urine. <i>Mycotoxin Research</i> , <b>2021</b> , 37, 129-140	4	2

255	Characterization of Oligomeric Proanthocyanidin-Enriched Fractions from (Michx.) Elliott via High-Resolution Mass Spectrometry and Investigations on Their Inhibitory Potential on Human Topoisomerases. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 11053-11064	5.7	0
254	Insights into Ergochromes of the Plant Pathogen. <i>Journal of Natural Products</i> , <b>2021</b> , 84, 2630-2643	4.9	1
253	Toxicity of fluoride: critical evaluation of evidence for human developmental neurotoxicity in epidemiological studies, animal experiments and in vitro analyses. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 1375-1415	5.8	33
252	Mass Spectrometry-Based Analysis of Urinary Biomarkers for Dietary Tomato Intake. <i>Molecular Nutrition and Food Research</i> , <b>2020</b> , 64, e2000011	5.9	5
251	Metabolomics Study on Pathogenic and Non-pathogenic . with Closely Related Genomes with a Focus on Yersiniabactin and Its Known and Novel Derivatives. <i>Metabolites</i> , <b>2020</b> , 10,	5.6	2
250	Artificial vs natural Stachybotrys infestation-Comparison of mycotoxin production on various building materials. <i>Indoor Air</i> , <b>2020</b> , 30, 1268-1282	5.4	2
249	Real-time interaction analysis of Shiga toxins and membrane microdomains of primary human brain microvascular endothelial cells. <i>Glycobiology</i> , <b>2020</b> , 30, 174-185	5.8	3
248	Govaniadine Evaluation of Cytotoxicity and Permeability in Cell Culture. <i>Revista Brasileira De Farmacognosia</i> , <b>2020</b> , 30, 374-380	2	
247	Determination of particle abrasion through milling with five different salt grinders - a preliminary study by micro-Raman spectroscopy with efforts towards improved quality control of the analytical methods. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2020</b> , 37, 1238-1252	3.2	3
246	Identification of a novel N-caprylhistamine-β-glucoside from tomato fruits and LC-MS/MS-based food screening for imidazole alkaloids. <i>Food Chemistry</i> , <b>2020</b> , 312, 126068	8.5	4
245	Mycotoxins in blood and urine of Swedish adolescents-possible associations to food intake and other background characteristics. <i>Mycotoxin Research</i> , <b>2020</b> , 36, 193-206	4	22
244	Comparison of points of departure between subchronic and chronic toxicity studies on food additives, food contaminants and natural food constituents. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 146, 111784	4.7	2
243	Acylated 1-1,2,4-Triazol-5-amines Targeting Human Coagulation Factor XIIa and Thrombin: Conventional and Microscale Synthesis, Anticoagulant Properties, and Mechanism of Action. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 13159-13186	8.3	7
242	Comment on "Plastic Teabags Release Billions of Microparticles and Nanoparticles into Tea". <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 14134-14135	10.3	13
241	Identification of Novel -Esculeoside B from Tomato Fruits and LC-MS/MS-Based Food Screening for Major Dietary Steroidal Alkaloids Focused on Esculeosides. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 14492-14501	5.7	2
240	Identification of the polyketide synthase PKS7 responsible for the production of lecanoric acid and ethyl lecanorate in <i>Claviceps purpurea</i> . <i>Fungal Genetics and Biology</i> , <b>2020</b> , 145, 103481	3.9	6
239	Identification of potential human urinary biomarkers for tomato juice intake by mass spectrometry-based metabolomics. <i>European Journal of Nutrition</i> , <b>2020</b> , 59, 685-697	5.2	12
238	Identification of ochratoxin-N-acetyl-L-cysteine as a new ochratoxin A metabolite and potential biomarker in human urine. <i>Mycotoxin Research</i> , <b>2020</b> , 36, 1-10	4	8

237	Intestinal Metabolism of $\beta$ - and $\beta$ -Glucosylated Modified Mycotoxins T-2 and HT-2 Toxin in the Pig Cecum Model. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 5455-5461	5-7	7
236	Quality Criteria for Studies on Dietary Glycation Compounds and Human Health. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 11307-11311	5-7	20
235	Occurrence of the Ochratoxin A Degradation Product 2 $\beta$ -Ochratoxin A in Coffee and Other Food: An Update. <i>Toxins</i> , <b>2019</b> , 11,	4-9	12
234	Serum type and concentration both affect the protein-corona composition of PLGA nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , <b>2019</b> , 10, 1002-1015	3	45
233	Effect of nanoparticle size and PEGylation on the protein corona of PLGA nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 141, 70-80	5-7	50
232	Interaction of Dihydrocitrinone with Native and Chemically Modified Cyclodextrins. <i>Molecules</i> , <b>2019</b> , 24,	4-8	6
231	Exploring Secondary Metabolite Profiles of spp. by LC-MS/MS. <i>Toxins</i> , <b>2019</b> , 11,	4-9	14
230	Matrix binding of T-2 toxin: structure elucidation of reaction products and indications on the fate of a relevant food-borne toxin during heating. <i>Mycotoxin Research</i> , <b>2019</b> , 35, 261-270	4	8
229	Detection of Novel Cytotoxic Imidazole Alkaloids in Tomato Products by LC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 3670-3678	5-7	5
228	Large-Scale Screening of Foods for Glucose-Derived $\beta$ -Carboline Alkaloids by Stable Isotope Dilution LC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 3890-3899	5-7	4
227	Structural Insights into Shiga Toxin (Stx) Glycosphingolipid Receptors of Porcine Renal Epithelial Cells and Inhibition of Stx-Mediated Cellular Injury Using Neoglycolipid-Spiked Glycovesicles. <i>Microorganisms</i> , <b>2019</b> , 7,	4-9	4
226	Interaction of the mycotoxin metabolite dihydrocitrinone with serum albumin. <i>Mycotoxin Research</i> , <b>2019</b> , 35, 129-139	4	5
225	Human Study on the Kinetics of 2 $\beta$ -Ochratoxin A in the Blood of Coffee Drinkers. <i>Molecular Nutrition and Food Research</i> , <b>2019</b> , 63, e1801026	5-9	11
224	Glucosylation of T-2 and HT-2 toxins using biotransformation and chemical synthesis: Preparation, stereochemistry, and stability. <i>Mycotoxin Research</i> , <b>2018</b> , 34, 159-172	4	13
223	Stachybotrychromenes A-C: novel cytotoxic meroterpenoids from <i>Stachybotrys</i> sp. <i>Mycotoxin Research</i> , <b>2018</b> , 34, 179-185	4	10
222	Large-scale total synthesis of C-labeled citrinin and its metabolite dihydrocitrinone. <i>Mycotoxin Research</i> , <b>2018</b> , 34, 141-150	4	8
221	Detection of the Cytotoxic Penitrems A-F in Cheese from the European Single Market by HPLC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 1264-1269	5-7	14
220	Identification of a novel lncRNA induced by the nephrotoxin ochratoxin A and expressed in human renal tumor tissue. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 2241-2256	10-3	13

219	Synergistic action of the nephrotoxic mycotoxins ochratoxin A and citrinin at nanomolar concentrations in human proximal tubule-derived cells. <i>Toxicology Letters</i> , <b>2018</b> , 291, 149-157	4.4	21
218	In vitro biosynthesis of 3-mercaptolactate by lactate dehydrogenases. <i>Enzyme and Microbial Technology</i> , <b>2018</b> , 108, 1-10	3.8	2
217	Transport of enniatin B and enniatin B1 across the blood-brain barrier and hints for neurotoxic effects in cerebral cells. <i>PLoS ONE</i> , <b>2018</b> , 13, e0197406	3.7	11
216	Enniatin B and ochratoxin A in the blood serum of workers from the waste management setting. <i>Mycotoxin Research</i> , <b>2018</b> , 34, 85-90	4	23
215	Immunochemical Analysis of Paxilline and Ergot Alkaloid Mycotoxins in Grass Seeds and Plants. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 315-322	5.7	5
214	Analysis of microplastics in water by micro-Raman spectroscopy: Release of plastic particles from different packaging into mineral water. <i>Water Research</i> , <b>2018</b> , 129, 154-162	12.5	426
213	Appropriateness to set a group health-based guidance value for fumonisins and their modified forms. <i>EFSA Journal</i> , <b>2018</b> , 16, e05172	2.3	21
212	Auranthine, a Benzodiazepinone from <i>Penicillium aurantiogriseum</i> : Refined Structure, Absolute Configuration, and Cytotoxicity. <i>Journal of Natural Products</i> , <b>2018</b> , 81, 2177-2186	4.9	11
211	Thermal stability of T-2 and HT-2 toxins during biscuit- and crunchy muesli-making and roasting. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2018</b> , 35, 2158-2167	3.2	16
210	Interaction of 2R-ochratoxin A with Serum Albumins: Binding Site, Effects of Site Markers, Thermodynamics, Species Differences of Albumin-binding, and Influence of Albumin on Its Toxicity in MDCK Cells. <i>Toxins</i> , <b>2018</b> , 10,	4.9	7
209	Interaction of Ochratoxin A and Its Thermal Degradation Product 2ROchratoxin A with Human Serum Albumin. <i>Toxins</i> , <b>2018</b> , 10,	4.9	17
208	Transcription Factor FOXO3a Is a Negative Regulator of Cytotoxicity of <i>Fusarium</i> mycotoxin in GES-1 Cells. <i>Toxicological Sciences</i> , <b>2018</b> , 166, 370-381	4.4	11
207	Advancements in the chemical structures of Ergot acyl glycerides by high performances liquid chromatography coupled with high resolution mass spectrometry. <i>Microchemical Journal</i> , <b>2018</b> , 141, 229-239	4.8	4
206	A Fungal N-Dimethylallyltryptophan Metabolite from <i>Fusarium fujikuroi</i> . <i>ChemBioChem</i> , <b>2017</b> , 18, 899-904	3.4	8
205	Impact of Mechanical and Thermal Energies on the Degradation of T-2 and HT-2 Toxins during Extrusion Cooking of Oat Flour. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 4177-4183	5.7	16
204	Colocalization of receptors for Shiga toxins with lipid rafts in primary human renal glomerular endothelial cells and influence of D-PDMP on synthesis and distribution of glycosphingolipid receptors. <i>Glycobiology</i> , <b>2017</b> , 27, 947-965	5.8	15
203	Multi-mycotoxin analysis using dried blood spots and dried serum spots. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 3369-3382	4.4	36
202	Short-term biomarkers of apple consumption. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1600629	5.9	24

201	Comparative genomics of geographically distant <i>Fusarium fujikuroi</i> isolates revealed two distinct pathotypes correlating with secondary metabolite profiles. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006670	7.6	39
200	Shiga Toxin Glycosphingolipid Receptors in Human Caco-2 and HCT-8 Colon Epithelial Cell Lines. <i>Toxins</i> , <b>2017</b> , 9,	4.9	23
199	<i>Alternaria</i> toxins in South African sunflower seeds: cooperative study. <i>Mycotoxin Research</i> , <b>2017</b> , 33, 309-321	4	16
198	Applications of High-Performance Liquid Chromatography-Mass Spectrometry Techniques for the Analysis of Chemical Contaminants and Residues in Food <b>2017</b> , 51-66		1
197	Evidence of ochratoxin A conjugates in urine samples from infants and adults. <i>Mycotoxin Research</i> , <b>2017</b> , 33, 39-47	4	27
196	Dual effectiveness of <i>Alternaria</i> but not <i>Fusarium</i> mycotoxins against human topoisomerase II and bacterial gyrase. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 2007-2016	5.8	21
195	Shiga toxin glycosphingolipid receptors and their lipid membrane ensemble in primary human blood-brain barrier endothelial cells. <i>Glycobiology</i> , <b>2017</b> , 27, 99-109	5.8	20
194	Structure-activity relationship of ochratoxin A and synthesized derivatives: importance of amino acid and halogen moiety for cytotoxicity. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 1461-1471	5.8	8
193	Fate of deoxynivalenol and deoxynivalenol-3-glucoside during cereal-based thermal food processing: a review study. <i>Mycotoxin Research</i> , <b>2017</b> , 33, 79-91	4	50
192	Localization of ergot alkaloids in sclerotia of <i>Claviceps purpurea</i> by matrix-assisted laser desorption/ionization mass spectrometry imaging. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 1221-1230	4.4	7
191	Influence of Environmental Factors on the Production of Penitrems A-F by <i>Penicillium crustosum</i> . <i>Toxins</i> , <b>2017</b> , 9,	4.9	13
190	Establishment of the Inducible Tet-On System for the Activation of the Silent Trichosetin Gene Cluster in <i>Fusarium fujikuroi</i> . <i>Toxins</i> , <b>2017</b> , 9,	4.9	26
189	Human Biomonitoring of Mycotoxins for the Detection of Nutritional, Environmental and Occupational Exposure <b>2017</b> , 191-212		1
188	Gibepyrone Biosynthesis in the Rice Pathogen <i>Fusarium fujikuroi</i> Is Facilitated by a Small Polyketide Synthase Gene Cluster. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 27403-27420	5.4	32
187	The SAGA complex in the rice pathogen <i>Fusarium fujikuroi</i> : structure and functional characterization. <i>Molecular Microbiology</i> , <b>2016</b> , 102, 951-974	4.1	31
186	High-throughput Assay for Quantification of Aminoglycoside-Ribosome Interaction. <i>Chemistry Letters</i> , <b>2016</b> , 45, 1048-1050	1.7	1
185	Determination of Exposure to the <i>Alternaria</i> Mycotoxin Tenuazonic Acid and Its Isomer allo-Tenuazonic Acid in a German Population by Stable Isotope Dilution HPLC-MS(3). <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 6641-7	5.7	22
184	Knock-down of the methyltransferase Kmt6 relieves H3K27me3 and results in induction of cryptic and otherwise silent secondary metabolite gene clusters in <i>Fusarium fujikuroi</i> . <i>Environmental Microbiology</i> , <b>2016</b> , 18, 4037-4054	5.2	73

183	Sound of silence: the beauvericin cluster in <i>Fusarium fujikuroi</i> is controlled by cluster-specific and global regulators mediated by H3K27 modification. <i>Environmental Microbiology</i> , <b>2016</b> , 18, 4282-4302	5.2	33
182	Two separate key enzymes and two pathway-specific transcription factors are involved in fusaric acid biosynthesis in <i>Fusarium fujikuroi</i> . <i>Environmental Microbiology</i> , <b>2016</b> , 18, 936-56	5.2	45
181	Identification and characterization of the ergochrome gene cluster in the plant pathogenic fungus. <i>Fungal Biology and Biotechnology</i> , <b>2016</b> , 3, 2	7.5	21
180	Analysis of ochratoxin A in dried blood spots - Correlation between venous and finger-prick blood, the influence of hematocrit and spotted volume. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1020, 158-64	3.2	11
179	Electrochemical simulation of metabolic reactions of the secondary fungal metabolites alternariol and alternariol methyl ether. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 2471-83	4.4	5
178	Interplay between pathway-specific and global regulation of the fumonisin gene cluster in the rice pathogen <i>Fusarium fujikuroi</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 5869-82	5.7	34
177	Determination of T-2 toxin, HT-2 toxin, and three other type A trichothecenes in layer feed by high-performance liquid chromatography-tandem mass spectrometry (LC-MS/MS)--comparison of two sample preparation methods. <i>Mycotoxin Research</i> , <b>2016</b> , 32, 89-97	4	22
176	Survey of <i>Alternaria</i> toxin contamination in food from the German market, using a rapid HPLC-MS/MS approach. <i>Mycotoxin Research</i> , <b>2016</b> , 32, 7-18	4	66
175	Lack of the COMPASS Component Ccl1 Reduces H3K4 Trimethylation Levels and Affects Transcription of Secondary Metabolite Genes in Two Plant-Pathogenic Species. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 2144	5.7	32
174	The Epipolythiodiketopiperazine Gene Cluster in <i>Claviceps purpurea</i> : Dysfunctional Cytochrome P450 Enzyme Prevents Formation of the Previously Unknown Clapurines. <i>PLoS ONE</i> , <b>2016</b> , 11, e0158945	3.7	5
173	New High-Performance Liquid Chromatography Coupled Mass Spectrometry Method for the Detection of Lobster and Shrimp Allergens in Food Samples via Multiple Reaction Monitoring and Multiple Reaction Monitoring Cubed. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 6219-27	5.7	31
172	Baicalein modulates stress-resistance and life span in <i>C. elegans</i> via SKN-1 but not DAF-16. <i>Biogerontology</i> , <b>2016</b> , 113, 123-7	3.2	19
171	Modulation of the Nrf2 signalling pathway in Hct116 colon carcinoma cells by baicalein and its methylated derivative negletein. <i>Pharmaceutical Biology</i> , <b>2016</b> , 54, 1491-502	3.8	17
170	Kunststoffpartikel sind überall (auch in Lebensmitteln?). <i>Nachrichten Aus Der Chemie</i> , <b>2016</b> , 64, 842-846	0.1	3
169	Matrix-assisted laser desorption/ionization time-of-flight mass spectrometry imaging of ochratoxin A and fumonisins in mold-infected food. <i>Rapid Communications in Mass Spectrometry</i> , <b>2016</b> , 30, 2508-2516	2.2	10
168	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. <i>Nature Biotechnology</i> , <b>2016</b> , 34, 828-837	44.5	1566
167	Isolation and Structure Elucidation of Fujikurins A-D: Products of the PKS19 Gene Cluster in <i>Fusarium fujikuroi</i> . <i>Journal of Natural Products</i> , <b>2015</b> , 78, 1809-15	4.9	38
166	A prospective study of growth and biomarkers of exposure to aflatoxin and fumonisin during early childhood in Tanzania. <i>Environmental Health Perspectives</i> , <b>2015</b> , 123, 173-8	8.4	119

165	A new approach using micro HPLC-MS/MS for multi-mycotoxin analysis in maize samples. <i>Mycotoxin Research</i> , <b>2015</b> , 31, 109-15	4	55
164	Structure elucidation and in vitro cytotoxicity of ochratoxin Bamide, a new degradation product of ochratoxin A. <i>Mycotoxin Research</i> , <b>2015</b> , 31, 83-90	4	35
163	Shiga toxin glycosphingolipid receptors of Vero-B4 kidney epithelial cells and their membrane microdomain lipid environment. <i>Journal of Lipid Research</i> , <b>2015</b> , 56, 2322-36	6.3	24
162	In vivo formation of N-acyl-fumonisin B1. <i>Mycotoxin Research</i> , <b>2015</b> , 31, 33-40	4	21
161	Nitrate and nitrite in the diet: how to assess their benefit and risk for human health. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 106-28	5.9	140
160	The global regulator FfSge1 is required for expression of secondary metabolite gene clusters but not for pathogenicity in <i>Fusarium fujikuroi</i> . <i>Environmental Microbiology</i> , <b>2015</b> , 17, 2690-708	5.2	23
159	Blood-Brain Barrier Effects of the <i>Fusarium</i> Mycotoxins Deoxynivalenol, 3 Acetyldeoxynivalenol, and Moniliformin and Their Transfer to the Brain. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143640	3.7	33
158	A comparative study of the human urinary mycotoxin excretion patterns in Bangladesh, Germany, and Haiti using a rapid and sensitive LC-MS/MS approach. <i>Mycotoxin Research</i> , <b>2015</b> , 31, 127-36	4	102
157	Biomonitoring using dried blood spots: detection of ochratoxin A and its degradation product 2R-ochratoxin A in blood from coffee drinkers. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 1837-43	5.9	42
156	Genetic engineering, high resolution mass spectrometry and nuclear magnetic resonance spectroscopy elucidate the bikaverin biosynthetic pathway in <i>Fusarium fujikuroi</i> . <i>Fungal Genetics and Biology</i> , <b>2015</b> , 84, 26-36	3.9	21
155	Detection and Quantitative Analysis of the Non-cytotoxic allo-Tenuazonic Acid in Tomato Products by Stable Isotope Dilution HPLC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 10879-84	5.7	20
154	In vitro metabolism studies of erythraline, the major spiroalkaloid from <i>Erythrina verna</i> . <i>BMC Complementary and Alternative Medicine</i> , <b>2014</b> , 14, 61	4.7	10
153	2,4- and 2,5-Disubstituted Arylthiazoles: Rapid Synthesis by C <sub>11</sub> Coupling and Biological Evaluation. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 3387-3394	3.2	11
152	Characterization of the fusaric acid gene cluster in <i>Fusarium fujikuroi</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2014</b> , 98, 1749-62	5.7	70
151	Toxicity of arsenite and thio-DMAV after long-term (21 days) incubation of human urothelial cells: cytotoxicity, genotoxicity and epigenetics. <i>Toxicology Research</i> , <b>2014</b> , 3, 456-464	2.6	8
150	Meat authentication: a new HPLC-MS/MS based method for the fast and sensitive detection of horse and pork in highly processed food. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 9428-35	5.7	119
149	Pferd oder Rind?. <i>Nachrichten Aus Der Chemie</i> , <b>2014</b> , 62, 883-885	0.1	
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20	Synthesis of optically active alpha-methylene beta-lactams through lipase-catalyzed kinetic resolution. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 4919-22	4.2	50
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17	Assigning the absolute configuration of fumonisins by the circular dichroism exciton chirality method. <i>Tetrahedron: Asymmetry</i> , <b>1998</b> , 9, 1549-1556		16
16	Absolute Configurational Assignment of Acyclic Hydroxy Carboxylic Acids: A New Strategy in Exciton-Coupled Circular Dichroism. <i>Journal of Organic Chemistry</i> , <b>1998</b> , 63, 322-325	4.2	28
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14	Acylation of naturally occurring and synthetic 1-deoxysphinganine by ceramide synthase. Formation of N-palmitoyl-aminopentol produces a toxic metabolite of hydrolyzed fumonisin, AP1, and a new category of ceramide synthase inhibitor. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 19060-4	5.4	124
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8	1-Naphthoic acid: A new type of asymmetric chromophore for exciton-coupled circular dichroism (ECCD). <i>Tetrahedron: Asymmetry</i> , <b>1996</b> , 7, 1543-1546		8
7	Allylic and Homoallylic CD Exciton Chirality: A Sensitive Method for Determining the Absolute Stereochemistry of Natural Products. <i>Journal of Organic Chemistry</i> , <b>1995</b> , 60, 3539-3542	4.2	23
6	A new approach in exciton-coupled circular dichroism (ECCD)—insertion of an auxiliary stereogenic center. <i>Chirality</i> , <b>1995</b> , 7, 128-35	2.1	51
5	Absolute stereochemistry of natural 3,4-dihydroxy-beta-ionone glycosides by the CD exciton chirality method. <i>Journal of Natural Products</i> , <b>1994</b> , 57, 1762-5	4.9	8
4	3-Hydroxy-5,6-epoxy-beta-ionol beta-D-glucopyranoside and 3-hydroxy-7,8-dihydro-beta-ionol beta-D-glucopyranoside: New C13 norisoprenoid glucoconjugates from sloe tree ( <i>Prunus spinosa</i> L.) leaves. <i>Journal of Agricultural and Food Chemistry</i> , <b>1992</b> , 40, 1898-1901	5.7	22



3	Bound aroma compounds from the fruit and the leaves of blackberry ( <i>Rubus laciniata</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , <b>1991</b> , 39, 1830-1832	5-7	54
2	3,4-Dihydroxy-7,8-dihydro-.beta.-ionone .beta.-D-glucopyranoside: natural precursor of 2,2,6,8-tetramethyl-7,11-dioxatricyclo[6.2.1.0 <sup>1,6</sup> ]undec-4-ene (Riesling acetal) and 1,1,6-trimethyl-1,2-dihydronaphthalene in red currant ( <i>Ribes rubrum</i> L.) leaves. <i>Journal of Agricultural and Food Chemistry</i> , <b>1991</b> , 39, 1833-1835	5-7	21
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