

# Wendy C Andersen

## List of Publications by Year in descending order

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45  
papers

1,852  
citations

279798

23  
h-index

254184

43  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1776  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination and Confirmation of Melamine Residues in Catfish, Trout, Tilapia, Salmon, and Shrimp by Liquid Chromatography with Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 4340-4347.	5.2	221
2	Evaluation of the renal effects of experimental feeding of melamine and cyanuric acid to fish and pigs. <i>American Journal of Veterinary Research</i> , 2008, 69, 1217-1228.	0.6	166
3	Quantitative and Confirmatory Analyses of Malachite Green and Leucomalachite Green Residues in Fish and Shrimp. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 4517-4523.	5.2	134
4	Rapid Screening of Fluids for Chemical Stability in Organic Rankine Cycle Applications. <i>Industrial &amp; Engineering Chemistry Research</i> , 2005, 44, 5560-5566.	3.7	121
5	Multiresidue method for the triphenylmethane dyes in fish: Malachite green, crystal (gentian) violet, and brilliant green. <i>Analytica Chimica Acta</i> , 2009, 637, 279-289.	5.4	106
6	Determination of tetracycline residues in shrimp and whole milk using liquid chromatography with ultraviolet detection and residue confirmation by mass spectrometry. <i>Analytica Chimica Acta</i> , 2005, 529, 145-150.	5.4	102
7	Multi-class, multi-residue liquid chromatography/tandem mass spectrometry screening and confirmation methods for drug residues in milk. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1467-1480.	1.5	91
8	Determination of cyanuric acid residues in catfish, trout, tilapia, salmon and shrimp by liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2009, 637, 101-111.	5.4	76
9	Analysis of avermectin and moxidectin residues in milk by liquid chromatography-tandem mass spectrometry using an atmospheric pressure chemical ionization/atmospheric pressure photoionization source. <i>Analytica Chimica Acta</i> , 2005, 529, 159-165.	5.4	68
10	Analysis of sulfonamides, trimethoprim, fluoroquinolones, quinolones, triphenylmethane dyes and methyltestosterone in fish and shrimp using liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 972, 38-47.	2.3	56
11	Analysis of aminoglycoside residues in bovine milk by liquid chromatography electrospray ion trap mass spectrometry after derivatization with phenyl isocyanate. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1487-1493.	2.3	47
12	Solubilities of Cerium(IV), Terbium(III), and Iron(III) $\beta$ -Diketonates in Supercritical Carbon Dioxide. <i>Journal of Chemical &amp; Engineering Data</i> , 2001, 46, 1045-1049.	1.9	46
13	Challenges in Implementing a Screening Method for Veterinary Drugs in Milk Using Liquid Chromatography Quadrupole Time-of-Flight Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3660-3674.	5.2	46
14	Wide-Scope Screening Method for Multiclass Veterinary Drug Residues in Fish, Shrimp, and Eel Using Liquid Chromatography-Quadrupole High-Resolution Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7252-7267.	5.2	44
15	Application of a gas-liquid entraining rotor to supercritical fluid extraction. <i>Analytica Chimica Acta</i> , 2003, 485, 1-8.	5.4	43
16	Determination and Confirmation of Malachite Green and Leucomalachite Green Residues in Salmon Using Liquid Chromatography/Mass Spectrometry with No-Discharge Atmospheric Pressure Chemical Ionization. <i>Journal of AOAC INTERNATIONAL</i> , 2005, 88, 1312-1317.	1.5	42
17	Determination of quinolone residues in shrimp using liquid chromatography with fluorescence detection and residue confirmation by mass spectrometry. <i>Analytica Chimica Acta</i> , 2007, 596, 257-263.	5.4	33
18	Application and evaluation of a high-resolution mass spectrometry screening method for veterinary drug residues in incurred fish and imported aquaculture samples. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5529-5544.	3.7	32

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19	No-discharge atmospheric pressure chemical ionization: evaluation and application to the analysis of animal drug residues in complex matrices. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1231-1239.	1.5	28
20	Extended liquid chromatography high resolution mass spectrometry screening method for veterinary drug, pesticide and human pharmaceutical residues in aquaculture fish. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2019, 36, 1501-1514.	2.3	28
21	Liquid Chromatographic Determination of Malachite Green and Leucomalachite Green (LMG) Residues in Salmon with in situ LMG Oxidation. <i>Journal of AOAC INTERNATIONAL</i> , 2005, 88, 1292-1298.	1.5	27
22	Comparison of data acquisition modes with Orbitrap high-resolution mass spectrometry for targeted and non-targeted residue screening in aquacultured eel. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8642.	1.5	27
23	Antioxidant Responses and Renal Crystal Formation in Rainbow Trout Treated with Melamine Administered Individually or in Combination with Cyanuric Acid. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2013, 76, 491-508.	2.3	25
24	Laser diode thermal desorption mass spectrometry for the analysis of quinolone antibiotic residues in aquacultured seafood. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 2854-2864.	1.5	23
25	Determination and Confirmation of the Antiviral Drug Amantadine and Its Analogues in Chicken Jerky Pet Treats. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 6968-6978.	5.2	22
26	Multiclass, Multiresidue Method for the Quantification and Confirmation of 112 Veterinary Drugs in Game Meat (Bison, Deer, Elk, and Rabbit) by Rapid Polarity Switching Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 1175-1186.	5.2	21
27	Dye Residue Analysis in Raw and Processed Aquaculture Products: Matrix Extension of AOAC INTERNATIONAL Official Method 2012.25. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 1927-1939.	1.5	17
28	The ASTM Copper Strip Corrosion Test: Application to Propane with Carbonyl Sulfide and Hydrogen Sulfide. <i>Energy &amp; Fuels</i> , 2003, 17, 120-126.	5.1	16
29	Application of Single-Stage Orbitrap Mass Spectrometry and Differential Analysis Software to Nontargeted Analysis of Contaminants in Dog Food: Detection, Identification, and Quantification of Glycoalkaloids. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4790-4798.	5.2	14
30	Characterization and structures of the 2,2,7-trimethyl-3,5-octanedionate chelates of cerium(IV) and terbium(III). <i>Inorganica Chimica Acta</i> , 2002, 336, 105-110.	2.4	12
31	Kinetics of Carbonyl Sulfide Hydrolysis. 1. Catalyzed and Uncatalyzed Reactions in Mixtures of Water + Propane. <i>Industrial &amp; Engineering Chemistry Research</i> , 2003, 42, 963-970.	3.7	12
32	Determination of Triphenylmethane Dyes and Their Metabolites in Salmon, Catfish, and Shrimp by LC-MS/MS Using AOAC First Action Method 2012.25: Collaborative Study. <i>Journal of AOAC INTERNATIONAL</i> , 2015, 98, 658-670.	1.5	12
33	Determination of oxytocin in a dilute IV solution by LC-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 672-677.	2.8	11
34	Analysis of Stilbene Residues in Aquacultured Finfish Using LC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 2364-2370.	5.2	11
35	Expansion of the Scope of AOAC First Action Method 2012.25: Single-Laboratory Validation of Triphenylmethane Dye and Leuco Metabolite Analysis in Shrimp, Tilapia, Catfish, and Salmon by LC-MS/MS. <i>Journal of AOAC INTERNATIONAL</i> , 2015, 98, 636-648.	1.5	10
36	Kinetics of Carbonyl Sulfide Hydrolysis. 2. Effect of n-Alkanes in Mixtures of Water + Hydrocarbon. <i>Industrial &amp; Engineering Chemistry Research</i> , 2003, 42, 971-974.	3.7	9

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37	Chapter 10 Veterinary Drug Residues. Comprehensive Analytical Chemistry, 2008, , 307-338.	1.3	9
38	A rapid liquid chromatography determination of free formaldehyde in cod. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 150226053625005.	2.3	9
39	Confirmation of diminazene diacetate in bovine plasma using electrospray liquid chromatography-mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 844, 127-133.	2.3	8
40	Bioaccumulation of cyanuric acid in edible tissues of shrimp following experimental feeding. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2010, 27, 1658-1664.	2.3	7
41	Analysis of peptide antibiotic residues in milk using liquid chromatography-high resolution mass spectrometry (LC-HRMS). Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2020, 37, 1264-1278.	2.3	7
42	Bioaccumulation of Melamine in Catfish Muscle Following Continuous, Low-Dose, Oral Administration. Journal of Agricultural and Food Chemistry, 2011, 59, 3111-3117.	5.2	6
43	Fast analysis of caffeinated beverages using laser diode thermal desorption mass spectrometry (LDTD-MS/MS). Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2019, 36, 1616-1625.	2.3	4
44	Certain Dyes as Pharmacologically Active Substances in Fish Farming and Other Aquaculture Products. , 0, , 497-548.		2
45	Emerging Techniques in Sample Extraction and Rapid Analysis. , 2016, , 27-92.		1