

Kevin Chambliss

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9042864/publications.pdf>

Version: 2024-02-01

31
papers

3,016
citations

279798

23
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

3823
citing authors

#	ARTICLE	IF	CITATIONS
1	Designer synthetic media for studying microbial-catalyzed biofuel production. <i>Biotechnology for Biofuels</i> , 2015, 8, 1.	6.2	418
2	Occurrence of pharmaceuticals and personal care products in fish: Results of a national pilot study in the united states. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2587-2597.	4.3	415
3	Analysis of Pharmaceuticals in Fish Using Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 3155-3163.	6.5	244
4	Effect of varying feedstockâ€‘pretreatment chemistry combinations on the formation and accumulation of potentially inhibitory degradation products in biomass hydrolysates. <i>Biotechnology and Bioengineering</i> , 2010, 107, 430-440.	3.3	191
5	Compositional Analysis of Water-Soluble Materials in Corn Stover. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 5912-5918.	5.2	136
6	Aquatic toxicity of sertraline to <i>Pimephales promelas</i> at environmentally relevant surface water pH. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2685-2694.	4.3	131
7	Fungal metabolism of fermentation inhibitors present in corn stover dilute acid hydrolysate. <i>Enzyme and Microbial Technology</i> , 2008, 42, 624-630.	3.2	129
8	Enzymatic digestibility and pretreatment degradation products of AFEXâ€‘treated hardwoods (<i>Populus nigra</i>). <i>Biotechnology Progress</i> , 2009, 25, 365-375.	2.6	127
9	Gas chromatographyâ€‘mass spectrometry screening methods for select UV filters, synthetic musks, alkylphenols, an antimicrobial agent, and an insect repellent in fish. <i>Journal of Chromatography A</i> , 2009, 1216, 815-823.	3.7	127
10	Effects of the antihistamine diphenhydramine on selected aquatic organisms. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2065-2072.	4.3	117
11	Occurrence of Pharmaceuticals and Personal Care Products in German Fish Tissue: A National Study. <i>Environmental Science & Technology</i> , 2012, 46, 9047-9054.	10.0	112
12	High-performance liquid chromatography method for simultaneous determination of aliphatic acid, aromatic acid and neutral degradation products in biomass pretreatment hydrolysates. <i>Journal of Chromatography A</i> , 2006, 1104, 54-61.	3.7	109
13	An exploratory investigation of various modes of action and potential adverse outcomes of fluoxetine in marine mussels. <i>Aquatic Toxicology</i> , 2014, 151, 14-26.	4.0	107
14	Comparative pharmaceutical metabolism by rainbow trout (<i>Oncorhynchus mykiss</i>) liver S9 fractions. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1810-1818.	4.3	96
15	Herbicidal Effects of Sulfamethoxazole in <i>Lemna gibba</i> : Using <i>p</i> -Aminobenzoic Acid As a Biomarker of Effect. <i>Environmental Science & Technology</i> , 2008, 42, 8965-8970.	10.0	91
16	Evaluation of an isotope dilution liquid chromatography tandem mass spectrometry method for pharmaceuticals in fish. <i>Journal of Chromatography A</i> , 2012, 1253, 177-183.	3.7	88
17	Simultaneous analysis of select pharmaceuticals and personal care products in fish tissue using pressurized liquid extraction combined with silica gel cleanup. <i>Journal of Chromatography A</i> , 2011, 1218, 6278-6284.	3.7	61
18	Chronic fluoxetine exposure alters movement and burrowing in adult freshwater mussels. <i>Aquatic Toxicology</i> , 2014, 151, 27-35.	4.0	60

#	ARTICLE	IF	CITATIONS
19	Compositional Analysis of Water-Soluble Materials in Switchgrass. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 3251-3258.	5.2	40
20	Pseudo reaction kinetics of organic degradation products in dilute-acid-catalyzed corn stover pretreatment hydrolysates. <i>Biotechnology and Bioengineering</i> , 2007, 98, 1135-45.	3.3	34
21	Selective Separation of Hydroxide from Alkaline Nuclear Tank Waste by Liquid-Liquid Extraction with Weak Hydroxy Acids. <i>Environmental Science & Technology</i> , 2002, 36, 1861-1867.	10.0	28
22	Rapid analysis of carbohydrates in aqueous extracts and hydrolysates of biomass using a carbonate-modified anion-exchange column. <i>Journal of Chromatography A</i> , 2011, 1218, 1236-1243.	3.7	26
23	Comparative Pharmacology and Toxicology of Pharmaceuticals in the Environment: Diphenhydramine Protection of Diazinon Toxicity in <i>Danio rerio</i> but Not <i>Daphnia magna</i> . <i>AAPS Journal</i> , 2015, 17, 175-183.	4.4	26
24	Characterization of Slow-Pyrolysis Bio-Oils by High-Resolution Mass Spectrometry and Ion Mobility Spectrometry. <i>Energy & Fuels</i> , 2015, 29, 744-753.	5.1	21
25	Enantiomer-Specific In Vitro Biotransformation of Select Pharmaceuticals in Rainbow Trout (<i>Oncorhynchus mykiss</i>). <i>Chirality</i> , 2013, 25, 763-767.	2.6	20
26	Ethanol and co-product generation from pressurized batch hot water pretreated T85 bermudagrass and <i>Merkeron napiergrass</i> using recombinant <i>Escherichia coli</i> as biocatalyst. <i>Biomass and Bioenergy</i> , 2011, 35, 3667-3673.	5.7	18
27	Direct Infusion Electrospray Ionization " Ion Mobility " High Resolution Mass Spectrometry (DIESI-IM-HRMS) for Rapid Characterization of Potential Bioprocess Streams. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 1250-1259.	2.8	13
28	Synergistic Pseudo-Hydroxide Extraction: Synergism and Anion Selectivity in Sodium Extraction Using a Crown Ether and a Series of Weak Lipophilic Acids. <i>Analytical Chemistry</i> , 2003, 75, 405-412.	6.5	12
29	Exploiting Metal Oxide Nanoparticle Selectivity in Asphaltenes for Identification of Pyridyl-Containing Molecules. <i>Energy & Fuels</i> , 2013, 27, 4574-4580.	5.1	9
30	Assessment of Mosquitofish (<i>Gambusia affinis</i>) Health Indicators in Relation to Domestic Wastewater Discharges in Suburbs of Houston, USA. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 93, 13-18.	2.7	6
31	Analysis of volatile organic compound mixtures using radio-frequency ionization/mass spectrometry. <i>Analytical Methods</i> , 2014, 6, 4982.	2.7	4