

# Chung-Ho Lin

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

1,304  
citations

304743

22  
h-index

414414

32  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1470  
citing authors

#	ARTICLE	IF	CITATIONS
1	Endocrine-Disrupting Activity of Hydraulic Fracturing Chemicals and Adverse Health Outcomes After Prenatal Exposure in Male Mice. <i>Endocrinology</i> , 2015, 156, 4458-4473.	2.8	82
2	Identification and Characterization of Phenolic Compounds in Black Walnut Kernels. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4503-4511.	5.2	77
3	Bioremediation of Atrazine-Contaminated Soil by Forage Grasses: Transformation, Uptake, and Detoxification. <i>Journal of Environmental Quality</i> , 2008, 37, 196-206.	2.0	69
4	Endocrine-Disrupting Chemicals and Oil and Natural Gas Operations: Potential Environmental Contamination and Recommendations to Assess Complex Environmental Mixtures. <i>Environmental Health Perspectives</i> , 2016, 124, 256-264.	6.0	68
5	Responses of legumes and grasses to non-, moderate, and dense shade in Missouri, USA. I. Forage yield and its species-level plasticity. <i>Agroforestry Systems</i> , 2019, 93, 11-24.	2.0	58
6	Reducing Herbicides and Veterinary Antibiotics Losses from Agroecosystems Using Vegetative Buffers. <i>Journal of Environmental Quality</i> , 2011, 40, 791-799.	2.0	57
7	Abatement of 2,4-D by H <sub>2</sub> O <sub>2</sub> solar photolysis and solar photo-Fenton-like process with minute Fe(III) concentrations. <i>Water Research</i> , 2018, 144, 572-580.	11.3	39
8	Sulfamethazine Sorption to Soil: Vegetative Management, pH, and Dissolved Organic Matter Effects. <i>Journal of Environmental Quality</i> , 2013, 42, 794-805.	2.0	38
9	Veterinary antibiotic sorption to agroforestry buffer, grass buffer and cropland soils. <i>Agroforestry Systems</i> , 2010, 79, 67-80.	2.0	37
10	Defining biological and biophysical properties of SARS-CoV-2 genetic material in wastewater. <i>Science of the Total Environment</i> , 2022, 807, 150786.	8.0	36
11	Allelopathic Exudates of Cogongrass ( <i>Imperata cylindrica</i> ): Implications for the Performance of Native Pine Savanna Plant Species in the Southeastern US. <i>Journal of Chemical Ecology</i> , 2013, 39, 312-322.	1.8	35
12	Responses of legumes and grasses to non-, moderate, and dense shade in Missouri, USA. II. Forage quality and its species-level plasticity. <i>Agroforestry Systems</i> , 2019, 93, 25-38.	2.0	32
13	Isolation and identification of an allelopathic phenylethylamine in rice. <i>Phytochemistry</i> , 2014, 108, 109-121.	2.9	31
14	Identification and quantification of phytosterols in black walnut kernels. <i>Journal of Food Composition and Analysis</i> , 2019, 75, 61-69.	3.9	31
15	Stimulated Rhizodegradation of Atrazine by Selected Plant Species. <i>Journal of Environmental Quality</i> , 2011, 40, 1113-1121.	2.0	30
16	Identifying Antibacterial Compounds in Black Walnuts ( <i>Juglans nigra</i> ) Using a Metabolomics Approach. <i>Metabolites</i> , 2018, 8, 58.	2.9	29
17	Dissipation of Sulfamethazine and Tetracycline in the Root Zone of Grass and Tree Species. <i>Journal of Environmental Quality</i> , 2010, 39, 1269-1278.	2.0	28
18	Assessing the efficiency of constructed wetlands in removing PPCPs from treated wastewater and mitigating the ecotoxicological impacts. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 231, 113664.	4.3	28

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19	Determination of Isoxaflutole (Balance) and Its Metabolites in Water Using Solid Phase Extraction Followed by High-Performance Liquid Chromatography with Ultraviolet or Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 5816-5824.	5.2	27
20	Photonic Molecularly Imprinted Polymer Film for the Detection of Testosterone in Aqueous Samples. <i>Polymers</i> , 2018, 10, 349.	4.5	26
21	The Effect of Five Forage Species on Transport and Transformation of Atrazine and Isoxaflutole (Balance) in Lysimeter Leachate. <i>Journal of Environmental Quality</i> , 2003, 32, 1992-2000.	2.0	24
22	Degradation of Isoxaflutole (Balance) Herbicide by Hypochlorite in Tap Water. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 8011-8014.	5.2	23
23	Endocrine-Disrupting Activities and Organic Contaminants Associated with Oil and Gas Operations in Wyoming Groundwater. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 75, 247-258.	4.1	21
24	Adsorption of atrazine by laser induced graphitic material: An efficient, scalable and green alternative for pollution abatement. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104407.	6.7	20
25	Improved GC-MS/MS Method for Determination of Atrazine and Its Chlorinated Metabolites in Forage Plants—Laboratory and Field Experiments. <i>Communications in Soil Science and Plant Analysis</i> , 2007, 38, 1753-1773.	1.4	19
26	Exposure to environmental toxicants and young children's cognitive and social development. <i>Reviews on Environmental Health</i> , 2019, 34, 35-56.	2.4	16
27	Identification and Quantification of Bioactive Molecules Inhibiting Pro-inflammatory Cytokine Production in Spent Coffee Grounds Using Metabolomics Analyses. <i>Frontiers in Pharmacology</i> , 2020, 11, 229.	3.5	16
28	Activation of the plant mevalonate pathway by extracellular ATP. <i>Nature Communications</i> , 2022, 13, 450.	12.8	16
29	Evaluation of fatty acids, phenolics and bioactivities of spent coffee grounds prepared from Vietnamese coffee. <i>International Journal of Food Properties</i> , 2021, 24, 1548-1558.	3.0	15
30	Health risk assessment of volatile organic compounds at daycare facilities. <i>Indoor Air</i> , 2021, 31, 977-988.	4.3	15
31	Heritable Phytohormone Profiles of Poplar Genotypes Vary in Resistance to a Galling Aphid. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 654-672.	2.6	14
32	Veterinary Antibiotic Effects on Atrazine Degradation and Soil Microorganisms. <i>Journal of Environmental Quality</i> , 2016, 45, 565-575.	2.0	13
33	Influence of agroforestry plant species on the infiltration of S-Metolachlor in buffer soils. <i>Journal of Contaminant Hydrology</i> , 2019, 225, 103498.	3.3	13
34	Endocrine disrupting activities and geochemistry of water resources associated with unconventional oil and gas activity. <i>Science of the Total Environment</i> , 2020, 748, 142236.	8.0	13
35	A systematic approach for prioritizing landfill pollutants based on toxicity: Applications and opportunities. <i>Journal of Environmental Management</i> , 2021, 284, 112031.	7.8	13
36	Assessment of indoor volatile organic compounds in Head Start child care facilities. <i>Atmospheric Environment</i> , 2019, 215, 116900.	4.1	12

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37	Black Walnut ( <i>Juglans nigra</i> ) Extracts Inhibit Proinflammatory Cytokine Production From Lipopolysaccharide-Stimulated Human Promonocytic Cell Line U-937. <i>Frontiers in Pharmacology</i> , 2019, 10, 1059.	3.5	12
38	Profiling Anticancer and Antioxidant Activities of Phenolic Compounds Present in Black Walnuts ( <i>Juglans nigra</i> ) Using a High-Throughput Screening Approach. <i>Molecules</i> , 2020, 25, 4516.	3.8	12
39	Determination of volatile organic compounds in child care centers by thermal desorption gas chromatography-mass spectrometry. <i>Analytical Methods</i> , 2018, 10, 730-742.	2.7	11
40	A <i>Bacillus</i> Spore-Based Display System for Bioremediation of Atrazine. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	11
41	Ability of Forage Grasses Exposed to Atrazine and Isoxaflutole to Reduce Nutrient Levels in Soils and Shallow Groundwater. <i>Communications in Soil Science and Plant Analysis</i> , 2007, 38, 1119-1136.	1.4	10
42	Effects of probiotics on soil microbial activity, biomass and enzymatic activity under cover crops in field and greenhouse studies. <i>Agroforestry Systems</i> , 2016, 90, 811-827.	2.0	10
43	Occurrence of enrofloxacin in overflows from animal lot and residential sewage lagoons and a receiving-stream. <i>Heliyon</i> , 2017, 3, e00409.	3.2	10
44	Detection of progesterone in aqueous samples by molecularly imprinted photonic polymers. <i>Mikrochimica Acta</i> , 2022, 189, 174.	5.0	9
45	Identification of an Atrazine-Degrading Benzoxazinoid in Eastern Gamagrass ( <i>Tripsacum dactyloides</i> ). <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 8026-8033.	5.2	8
46	Identification of health-promoting bioactive phenolics in black walnut using cloud-based metabolomics platform. <i>Journal of Food Measurement and Characterization</i> , 2020, 14, 770-777.	3.2	8
47	Establishment of Regional Phytoremediation Buffer Systems for Ecological Restoration in the Great Lakes Basin, USA. II. New Clones Show Exceptional Promise. <i>Forests</i> , 2021, 12, 474.	2.1	8
48	Detection of Atrazine and its metabolites by photonic molecularly imprinted polymers in aqueous solutions. <i>Chemical Engineering Journal Advances</i> , 2022, 12, 100368.	5.2	8
49	Electroantennographic Responses of the Small Chestnut Weevil <i>Curculio sayi</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 <i>Environmental Entomology</i> , 2012, 41, 933-940.	1.4	7
50	Sulfamethazine Transport in Agroforestry and Cropland Soils. <i>Vadose Zone Journal</i> , 2013, 12, 1-14.	2.2	7
51	Establishment of Regional Phytoremediation Buffer Systems for Ecological Restoration in the Great Lakes Basin, USA. I. Genotype × Environment Interactions. <i>Forests</i> , 2021, 12, 430.	2.1	7
52	Identification and quantification of bioactive compounds suppressing SARS-CoV-2 signals in wastewater-based epidemiology surveillance. <i>Water Research</i> , 2022, 221, 118824.	11.3	7
53	Isolation and purification of growth inhibitors from vietnamese rice cultivars. <i>Weed Biology and Management</i> , 2014, 14, 221-231.	1.4	6
54	Synthesis and plant growth inhibitory activity of <i>N-trans</i> -cinnamoyltyramine: its possible inhibition mechanisms and biosynthesis pathway. <i>Journal of Plant Interactions</i> , 2017, 12, 51-57.	2.1	6

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55	Detection of chlorantraniliprole residues in tomato using field-deployable MIP photonic sensors. <i>Mikrochimica Acta</i> , 2021, 188, 70.	5.0	6
56	Emission of Carbon Dioxide and Methane from Duckweed Ponds for Stormwater Treatment. <i>Water Environment Research</i> , 2015, 87, 805-812.	2.7	5
57	Evaluation of PCR-based Quantification Techniques to Estimate the Abundance of Atrazine Chlorohydrolase Gene <i>atzA</i> in Rhizosphere Soils. <i>Journal of Environmental Quality</i> , 2010, 39, 1999-2005.	2.0	4
58	Adsorption of Isoxaflutole Degradates to Aluminum and Iron Hydrated Oxides. <i>Journal of Environmental Quality</i> , 2011, 40, 528-537.	2.0	4
59	Bioremediation and soils. , 2021, , 237-273.		4
60	Assessing Anti-Inflammatory Activities and Compounds in Switchgrass ( <i>Panicum virgatum</i> ). <i>Agriculture (Switzerland)</i> , 2022, 12, 936.	3.1	2
61	Introduction of Atrazine Degradase To Enhance Rhizodegradation of Atrazine. <i>ACS Symposium Series</i> , 2011, , 139-154.	0.5	0
62	A Simple Method for Isolation and Purification of DIBOA-Glc from <i>Tripsacum dactyloides</i> . <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	0