

# Chuan Liu

## List of Publications by Year in descending order

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19  
papers

905  
citations

623734

14  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

781  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive Chemical Characterization of the Aerosol Emissions of a Vaping Product Based on a New Technology. <i>Chemical Research in Toxicology</i> , 2020, 33, 789-799.	3.3	21
2	Non-targeted analysis of the particulate phase of heated tobacco product aerosol and cigarette mainstream tobacco smoke by thermal desorption comprehensive two-dimensional gas chromatography with dual flame ionisation and mass spectrometric detection. <i>Journal of Chromatography A</i> , 2019, 1603, 327-337.	3.7	17
3	Changes in Biomarkers of Exposure on Switching From a Conventional Cigarette to Tobacco Heating Products: A Randomized, Controlled Study in Healthy Japanese Subjects. <i>Nicotine and Tobacco Research</i> , 2019, 21, 1220-1227.	2.6	57
4	Effects of Varying Tobacco Rod Circumference on Cigarette Combustion: An Experimental Investigation. <i>Beitrag Zur Tabakforschung International/ Contributions To Tobacco Research</i> , 2019, 28, 286-296.	0.3	2
5	Assessment of novel tobacco heating product THP1.0. Part 3: Comprehensive chemical characterisation of harmful and potentially harmful aerosol emissions. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 93, 14-33.	2.7	122
6	Assessment of tobacco heating product THP1.0. Part 2: Product design, operation and thermophysical characterisation. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 93, 4-13.	2.7	77
7	Assessment of tobacco heating product THP1.0. Part 9: The placement of a range of next-generation products on an emissions continuum relative to cigarettes via pre-clinical assessment studies. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 93, 92-104.	2.7	23
8	Integration of time and spatially resolved in-situ temperature and pressure measurements with soft ionisation mass spectrometry inside a burning superslim cigarette. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 135, 310-318.	5.5	7
9	Accurate measurement of main aerosol constituents from heated tobacco products (HTPs): Implications for a fundamentally different aerosol. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 99, 131-141.	2.7	21
10	Identification of volatiles from heated tobacco biomass using direct thermogravimetric analysis and Mass spectrometry and target factor analysis. <i>Thermochimica Acta</i> , 2018, 668, 132-141.	2.7	6
11	A novel hybrid tobacco product that delivers a tobacco flavour note with vapour aerosol (Part 1): Product operation and preliminary aerosol chemistry assessment. <i>Food and Chemical Toxicology</i> , 2017, 106, 522-532.	3.6	36
12	A novel hybrid tobacco product that delivers a tobacco flavour note with vapour aerosol (Part 2): In vitro biological assessment and comparison with different tobacco-heating products. <i>Food and Chemical Toxicology</i> , 2017, 106, 533-546.	3.6	31
13	Influence of cigarette circumference on smoke chemistry, biological activity, and smoking behaviour. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 82, 111-126.	2.7	22
14	Chemical Composition of Aerosol from an E-Cigarette: A Quantitative Comparison with Cigarette Smoke. <i>Chemical Research in Toxicology</i> , 2016, 29, 1662-1678.	3.3	317
15	An experimental method to study emissions from heated tobacco between 100-200°C. <i>Chemistry Central Journal</i> , 2015, 9, 20.	2.6	46
16	Approaches for the design of reduced toxicant emission cigarettes. <i>SpringerPlus</i> , 2014, 3, 374.	1.2	27
17	The use of a novel tobacco treatment process to reduce toxicant yields in cigarette smoke. <i>Food and Chemical Toxicology</i> , 2011, 49, 1904-1917.	3.6	42
18	Thermogravimetric Analysis of Tobacco Combustion Assuming DAEM Devolatilization and Empirical Char-Burnoff Kinetics. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 1591-1599.	3.7	29

#	ARTICLE	IF	CITATIONS
19	Letter to the Editor, Food and Chemical Toxicology, 2007 "DNA solutionR in cigarette filters reduces polycyclic aromatic hydrocarbon (PAH) levels in mainstream tobacco smoke" M. Lodovici, V. Akpan, S. Caldini, B. Akanju, and P. Dolara. Food and Chemical Toxicology, 2008, 46, 3851-3852.	3.6	2