Chuan Liu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8350014/publications.pdf

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19	905	623734	794594
papers	citations	14	19
		h-index	g-index

19	19	19	781
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical Composition of Aerosol from an E-Cigarette: A Quantitative Comparison with Cigarette Smoke. Chemical Research in Toxicology, 2016, 29, 1662-1678.	3.3	317
2	Assessment of novel tobacco heating product THP1.0. Part 3: Comprehensive chemical characterisation of harmful and potentially harmful aerosol emissions. Regulatory Toxicology and Pharmacology, 2018, 93, 14-33.	2.7	122
3	Assessment of tobacco heating product THP1.0. Part 2: Product design, operation and thermophysical characterisation. Regulatory Toxicology and Pharmacology, 2018, 93, 4-13.	2.7	77
4	Changes in Biomarkers of Exposure on Switching From a Conventional Cigarette to Tobacco Heating Products: A Randomized, Controlled Study in Healthy Japanese Subjects. Nicotine and Tobacco Research, 2019, 21, 1220-1227.	2.6	57
5	An experimental method to study emissions from heated tobacco between 100-200Â°C. Chemistry Central Journal, 2015, 9, 20.	2.6	46
6	The use of a novel tobacco treatment process to reduce toxicant yields in cigarette smoke. Food and Chemical Toxicology, 2011, 49, 1904-1917.	3.6	42
7	A novel hybrid tobacco product that delivers a tobacco flavour note with vapour aerosol (Part 1): Product operation and preliminary aerosol chemistry assessment. Food and Chemical Toxicology, 2017, 106, 522-532.	3.6	36
8	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. Food and Chemical Toxicology, 2017, 106, 533-546.	3.6	31
9	Thermogravimetric Analysis of Tobacco Combustion Assuming DAEM Devolatilization and Empirical Char-Burnoff Kinetics. Industrial & Engineering Chemistry Research, 2010, 49, 1591-1599.	3.7	29
10	Approaches for the design of reduced toxicant emission cigarettes. SpringerPlus, 2014, 3, 374.	1.2	27
11	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. Regulatory Toxicology and Pharmacology, 2018, 93, 92-104.	2.7	23
12	Influence of cigarette circumference on smoke chemistry, biological activity, and smoking behaviour. Regulatory Toxicology and Pharmacology, 2016, 82, 111-126.	2.7	22
13	Accurate measurement of main aerosol constituents from heated tobacco products (HTPs): Implications for a fundamentally different aerosol. Regulatory Toxicology and Pharmacology, 2018, 99, 131-141.	2.7	21
14	Comprehensive Chemical Characterization of the Aerosol Emissions of a Vaping Product Based on a New Technology. Chemical Research in Toxicology, 2020, 33, 789-799.	3.3	21
15	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. Journal of Chromatography A, 2019, 1603, 327-337.	3.7	17
16	Integration of time and spatially resolved in-situ temperature and pressure measurements with soft ionisation mass spectrometry inside a burning superslim cigarette. Journal of Analytical and Applied Pyrolysis, 2018, 135, 310-318.	5.5	7
17	Identification of volatiles from heated tobacco biomass using direct thermogravimetric analysisâ€"Mass spectrometry and target factor analysis. Thermochimica Acta, 2018, 668, 132-141.	2.7	6
18	Letter to the Editor, Food and Chemical Toxicology, 2007 â€˜DNA solutionR in cigarette filters reduces polycyclic aromatic hydrocarbon (PAH) levels in mainstream tobacco smokeâ€™ M. Lodovici, V. Akpan, S. Caldini, B. Akanju, and P. Dolara. Food and Chemical Toxicology, 2008, 46, 3851-3852.	3.6	2

#	Article	IF	Citations
19	Effects of Varying Tobacco Rod Circumference on Cigarette Combustion: An Experimental Investigation. Beitrage Zur Tabakforschung International/ Contributions To Tobacco Research, 2019, 28, 286-296.	0.3	2