Patrick Vanscheeuwijck

List of Publications by Year
in descending order

45 papers	1,652 citations	304743 22 h-index	302126 39 g-index
45 all docs	45 docs citations	45 times ranked	1236 citing authors

#	Article	IF	Citations
1	Evaluation of the Tobacco Heating System 2.2. Part 2: Chemical composition, genotoxicity, cytotoxicity, and physical properties of the aerosol. Regulatory Toxicology and Pharmacology, 2016, 81, S27-S47.	2.7	256
2	Evaluation of the Tobacco Heating System 2.2. Part 1: Description of the system and the scientific assessment program. Regulatory Toxicology and Pharmacology, 2016, 81, S17-S26.	2.7	204
3	Toxicity of the main electronic cigarette components, propylene glycol, glycerin, and nicotine, in Sprague-Dawley rats in a 90-day OECD inhalation study complemented by molecular endpoints. Food and Chemical Toxicology, 2017, 109, 315-332.	3.6	94
4	A 7-month cigarette smoke inhalation study in C57BL/6 mice demonstrates reduced lung inflammation and emphysema following smoking cessation or aerosol exposure from a prototypic modified risk tobacco product. Food and Chemical Toxicology, 2015, 80, 328-345.	3.6	88
5	An 8-Month Systems Toxicology Inhalation/Cessation Study in Apoe^{â^'/â^'}Mice to Investigate Cardiovascular and Respiratory Exposure Effects of a Candidate Modified Risk Tobacco Product, THS 2.2, Compared With Conventional Cigarettes. Toxicological Sciences, 2016, 149, 411-432.	3.1	81
6	Evaluation of the Tobacco Heating System 2.2. Part 4: 90-day OECD 413 rat inhalation study with systems toxicology endpoints demonstrates reduced exposure effects compared with cigarette smoke. Regulatory Toxicology and Pharmacology, 2016, 81, S59-S81.	2.7	70
7	A framework for in vitro systems toxicology assessment of e-liquids. Toxicology Mechanisms and Methods, 2016, 26, 392-416.	2.7	67
8	Smoke chemistry, in vitro and in vivo toxicology evaluations of the electrically heated cigarette smoking system series K. Regulatory Toxicology and Pharmacology, 2008, 52, 122-139.	2.7	66
9	A 28-day rat inhalation study with an integrated molecular toxicology endpoint demonstrates reduced exposure effects for a prototypic modified risk tobacco product compared with conventional cigarettes. Food and Chemical Toxicology, 2014, 68, 204-217.	3.6	66
10	Evaluation of the Tobacco Heating System 2.2. Part 6: 90-day OECD 413 rat inhalation study with systems toxicology endpoints demonstrates reduced exposure effects of a mentholated version compared with mentholated and non-mentholated cigarette smoke. Regulatory Toxicology and Pharmacology, 2016, 81, S93-S122.	2.7	52
11	Effects of Cigarette Smoke, Cessation, and Switching to Two Heat-Not-Burn Tobacco Products on Lung Lipid Metabolism inC57BL/6andApoe^{â^'/â^'}Miceâ€"An Integrative Systems Toxicology Analysis. Toxicological Sciences, 2016, 149, 441-457.	3.1	49
12	Cigarette smoke induces molecular responses in respiratory tissues of ApoEâ^'/â^' mice that are progressively deactivated upon cessation. Toxicology, 2013, 314, 112-124.	4.2	47
13	Cigarette-smoke-induced atherogenic lipid profiles in plasma and vascular tissue of apolipoprotein E-deficient mice are attenuated by smoking cessation. Atherosclerosis, 2013, 229, 86-93.	0.8	47
14	Evaluation of the Tobacco Heating System 2.2. Part 7: Systems toxicological assessment of a mentholated version revealed reduced cellular and molecular exposure effects compared with mentholated and non-mentholated cigarette smoke. Regulatory Toxicology and Pharmacology, 2016, 81, S123-S138.	2.7	42
15	A six-month systems toxicology inhalation/cessation study in ApoEâ^'/â^' mice to investigate cardiovascular and respiratory exposure effects of modified risk tobacco products, CHTP 1.2 and THS 2.2, compared with conventional cigarettes. Food and Chemical Toxicology, 2019, 126, 113-141.	3.6	40
16	A 6-month systems toxicology inhalation study in ApoE^{â^'/â^'} mice demonstrates reduced cardiovascular effects of E-vapor aerosols compared with cigarette smoke. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H604-H631.	3.2	38
17	Toxicity of aerosols of nicotine and pyruvic acid (separate and combined) in Sprague€"Dawley rats in a 28-day OECD 412 inhalation study and assessment of systems toxicology. Inhalation Toxicology, 2015, 27, 405-431.	1.6	37
18	LUNG INFLAMMATION IN RATS FOLLOWING SUBCHRONIC EXPOSURE TO CIGARETTE MAINSTREAM SMOKE. Experimental Lung Research, 2006, 32, 151-179.	1.2	28

#	Article	IF	Citations
19	A 90-day OECD TG 413 rat inhalation study with systems toxicology endpoints demonstrates reduced exposure effects of the aerosol from the carbon heated tobacco product version 1.2 (CHTP1.2) compared with cigarette smoke. I. Inhalation exposure, clinical pathology and histopathology. Food and Chemical Toxicology, 2018, 116, 388-413.	3.6	28
20	Biological changes in C57BL/6 mice following 3Âweeks of inhalation exposure to cigarette smoke or e-vapor aerosols. Inhalation Toxicology, 2018, 30, 553-567.	1.6	28
21	Comprehensive systems biology analysis of a 7-month cigarette smoke inhalation study in C57BL/6 mice. Scientific Data, 2016, 3, 150077.	5.3	25
22	Multi-omics systems toxicology study of mouse lung assessing the effects of aerosols from two heat-not-burn tobacco products and cigarette smoke. Computational and Structural Biotechnology Journal, 2020, 18, 1056-1073.	4.1	25
23	Effects of cigarette smoke, cessation and switching to a candidate modified risk tobacco product on the liver in Apoe^{â˜'/â˜'} mice â€" a systems toxicology analysis. Inhalation Toxicology, 2016, 28, 226-240.	1.6	22
24	Quantitative proteomics analysis using 2D-PAGE to investigate the effects of cigarette smoke and aerosol of a prototypic modified risk tobacco product on the lung proteome in C57BL/6 mice. Journal of Proteomics, 2016, 145, 237-245.	2.4	17
25	Evaluation of toxicity of aerosols from flavored e-liquids in Sprague–Dawley rats in a 90-day OECD inhalation study, complemented by transcriptomics analysis. Archives of Toxicology, 2020, 94, 2179-2206.	4.2	14
26	A 90-day OECD TG 413 rat inhalation study with systems toxicology endpoints demonstrates reduced exposure effects of the aerosol from the carbon heated tobacco product version 1.2 (CHTP1.2) compared with cigarette smoke. II. Systems toxicology assessment. Food and Chemical Toxicology, 2018, 115, 284-301.	3.6	13
27	Assessing the lung cancer risk reduction potential of candidate modified risk tobacco products. Internal and Emergency Medicine, 2019, 14, 821-834.	2.0	13
28	Respiratory Effects of Exposure to Aerosol From the Candidate Modified-Risk Tobacco Product THS 2.2 in an 18-Month Systems Toxicology Study With A/J Mice. Toxicological Sciences, 2020, 178, 138-158.	3.1	13
29	Reduced Chronic Toxicity and Carcinogenicity in A/J Mice in Response to Life-Time Exposure to Aerosol From a Heated Tobacco Product Compared With Cigarette Smoke. Toxicological Sciences, 2020, 178, 44-70.	3.1	12
30	Impact of whole–body versus nose–only inhalation exposure systems on systemic, respiratory, and cardiovascular endpoints in a 2–month cigarette smoke exposure study in the ApoE^{â˜'/â˜'} mouse model. Journal of Applied Toxicology, 2021, 41, 1598-1619.	2.8	11
31	Structural, functional, and molecular impact on the cardiovascular system in ApoE-/- mice exposed to aerosol from candidate modified risk tobacco products, Carbon Heated Tobacco Product 1.2 and Tobacco Heating System 2.2, compared with cigarette smoke. Chemico-Biological Interactions, 2020, 315, 108887.	4.0	10
32	Supporting evidence-based analysis for modified risk tobacco products through a toxicology data-sharing infrastructure. F1000Research, 2017, 6, 12.	1.6	10
33	A 6-month inhalation toxicology study in Apoeâ˜'/â˜' mice demonstrates substantially lower effects of e-vapor aerosol compared with cigarette smoke in the respiratory tract. Archives of Toxicology, 2021, 95, 1805-1829.	4.2	7
34	Supporting evidence-based analysis for modified risk tobacco products through a toxicology data-sharing infrastructure. F1000Research, 2017, 6, 12.	1.6	7
35	Experimental and computational investigation of a nose-only exposure chamber. Aerosol Science and Technology, 2020, 54, 277-290.	3.1	6
36	Respirable aerosol exposures of nicotine dry powder formulations to in vitro, ex vivo, and in vivo pre-clinical models demonstrate consistency of pharmacokinetic profiles. Inhalation Toxicology, 2019, 31, 248-257.	1.6	5

#	Article	IF	Citations
37	State-of-the-art methods and devices for the generation, exposure, and collection of aerosols from heat-not-burn tobacco products. Toxicology Research and Application, 2020, 4, 239784731989786.	0.6	5
38	In Vivo Profiling of a Natural Alkaloid, Anatabine, in Rodents: Pharmacokinetics and Anti-Inflammatory Efficacy. Journal of Natural Products, 2021, 84, 1012-1021.	3.0	4
39	Impact of 6-Month Exposure to Aerosols From Potential Modified Risk Tobacco Products Relative to Cigarette Smoke on the Rodent Gastrointestinal Tract. Frontiers in Microbiology, 2021, 12, 587745.	3.5	4
40	State-of-the-art methods and devices for generation, exposure, and collection of aerosols from e-vapor products. Toxicology Research and Application, 2020, 4, 239784732097975.	0.6	1
41	Assessment of ENDPs in Animal Models of Disease. , 2021, , 319-365.		0
42	Aerosol Dosimetry and Human-Relevant Exposure. , 2021, , 223-233.		0
43	Discriminating Spontaneous From Cigarette Smoke and THS 2.2 Aerosol Exposure-Related Proliferative Lung Lesions in A/J Mice by Using Gene Expression and Mutation Spectrum Data. Frontiers in Toxicology, 2021, 3, 634035.	3.1	0
44	Toxicological Assessment of ENDPs InÂVivo. , 2021, , 305-317.		0
45	Systems for Generation of ENDP Aerosols and Their Administration to InÂVitro and InÂVivo Experimental Models. , 2021, , 235-255.		0