

# David Thorne

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,545  
citations

279798

23  
h-index

315739

38  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1243  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of ToxTracker for the toxicological assessment of tobacco and nicotine delivery products. <i>Toxicology Letters</i> , 2022, 358, 59-68.	0.8	7
2	A 3D in vitro comparison of two undiluted e-cigarette aerosol generating systems. <i>Toxicology Letters</i> , 2022, 358, 69-79.	0.8	8
3	An Experimental Analytical and <i>In Vitro</i> Approach to Bridge Between Different Heated Tobacco Product Variants. <i>Contributions To Tobacco and Nicotine Research</i> , 2022, 31, 1-9.	0.4	1
4	A comparison of cigarette smoke test matrices and their responsiveness in the mouse lymphoma assay: A case study. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2022, 879-880, 503502.	1.7	1
5	Evaluation of behavioural, chemical, toxicological and clinical studies of a tobacco heated product and the potential for bridging from a foundational dataset to new product iterations. <i>Toxicology Reports</i> , 2022, 9, 1426-1442.	3.3	4
6	A survey of aerosol exposure systems relative to the analysis of cytotoxicity: A Cooperation Centre for Scientific Research Relative to Tobacco (CORESTA) perspective. <i>Toxicology Research and Application</i> , 2021, 5, 239784732110222.	0.6	3
7	An interlaboratory in vitro aerosol exposure system reference study. <i>Toxicology Research and Application</i> , 2021, 5, 239784732199275.	0.6	6
8	An experimental aerosol agar interface mouse lymphoma assay methodology. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2020, 856-857, 503230.	1.7	3
9	The in vitro assessment of a novel vaping technology. <i>Toxicology Reports</i> , 2020, 7, 1145-1156.	3.3	9
10	An approach for the extract generation and toxicological assessment of tobacco-free "modern" oral nicotine pouches. <i>Food and Chemical Toxicology</i> , 2020, 145, 111713.	3.6	26
11	Evaluation of a high-throughput in vitro endothelial cell migration assay for the assessment of nicotine and tobacco delivery products. <i>Toxicology Letters</i> , 2020, 334, 110-116.	0.8	10
12	Optimization of aqueous aerosol extract (AQE) generation from e-cigarettes and tobacco heating products for in vitro cytotoxicity testing. <i>Toxicology Letters</i> , 2020, 335, 51-63.	0.8	11
13	The genotoxicological assessment of a tobacco heating product relative to cigarette smoke using the in vitro micronucleus assay. <i>Toxicology Reports</i> , 2020, 7, 1010-1019.	3.3	14
14	In vitro biological assessment of the stability of cigarette smoke aqueous aerosol extracts. <i>BMC Research Notes</i> , 2020, 13, 492.	1.4	6
15	Workshop Series to Identify, Discuss, and Develop Recommendations for the Optimal Generation and Use of In Vitro Assay Data for Tobacco Product Evaluation: Phase 1 Genotoxicity Assays. <i>Applied in Vitro Toxicology</i> , 2020, 6, 49-63.	1.1	7
16	An inter-laboratory in vitro assessment of cigarettes and next generation nicotine delivery products. <i>Toxicology Letters</i> , 2019, 315, 14-22.	0.8	13
17	Genotoxicity evaluation of tobacco and nicotine delivery products: Part One. Mouse lymphoma assay. <i>Food and Chemical Toxicology</i> , 2019, 132, 110584.	3.6	17
18	Genotoxicity evaluation of tobacco and nicotine delivery products: Part Two. In vitro micronucleus assay. <i>Food and Chemical Toxicology</i> , 2019, 132, 110546.	3.6	31

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19	An approach to testing undiluted e-cigarette aerosol in vitro using 3D reconstituted human airway epithelium. <i>Toxicology in Vitro</i> , 2019, 54, 391-401.	2.4	33
20	Extreme testing of undiluted e-cigarette aerosol in vitro using an Ames air-agar-interface technique. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2018, 828, 46-54.	1.7	25
21	Characterisation of the borgwaldt LM4E system for in vitro exposures to undiluted aerosols from next generation tobacco and nicotine products (NGPs). <i>Food and Chemical Toxicology</i> , 2018, 113, 337-344.	3.6	26
22	Assessment of tobacco heating product THP1.0. Part 5: In vitro dosimetric and cytotoxic assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 93, 52-61.	2.7	45
23	Assessment of novel tobacco heating product THP1.0. Part 6: A comparative in vitro study using contemporary screening approaches. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 93, 62-70.	2.7	40
24	Assessment of novel tobacco heating product THP1.0. Part 7: Comparative in vitro toxicological evaluation. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 93, 71-83.	2.7	52
25	A Case Study for the Comparison of In Vitro Data Across Multiple Aerosol Exposure Studies with Extrapolation to Human Dose. <i>Applied in Vitro Toxicology</i> , 2018, 4, 167-179.	1.1	13
26	Assessment of enamel discoloration in vitro following exposure to cigarette smoke and emissions from novel vapor and tobacco heating products. <i>American Journal of Dentistry</i> , 2018, 31, 227-233.	0.1	15
27	The comparative in vitro assessment of e-cigarette and cigarette smoke aerosols using the <sup>3</sup> H2AX assay and applied dose measurements. <i>Toxicology Letters</i> , 2017, 265, 170-178.	0.8	40
28	Differential Gene Expression Using RNA Sequencing Profiling in a Reconstituted Airway Epithelium Exposed to Conventional Cigarette Smoke or Electronic Cigarette Aerosols. <i>Applied in Vitro Toxicology</i> , 2017, 3, 84-98.	1.1	23
29	Nicotine Quantification in Vitro: A Consistent Dosimetry Marker for e-Cigarette Aerosol and Cigarette Smoke Generation. <i>Applied in Vitro Toxicology</i> , 2017, 3, 14-27.	1.1	31
30	Reduced biological effect of e-cigarette aerosol compared to cigarette smoke evaluated in vitro using normalized nicotine dose and RNA-seq-based toxicogenomics. <i>Scientific Reports</i> , 2017, 7, 888.	3.3	52
31	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
32	Application of dosimetry tools for the assessment of e-cigarette aerosol and cigarette smoke generated on two different in vitro exposure systems. <i>Chemistry Central Journal</i> , 2016, 10, .	2.6	31
33	Cigarette smoke induced genotoxicity and respiratory tract pathology: evidence to support reduced exposure time and animal numbers in tobacco product testing. <i>Inhalation Toxicology</i> , 2016, 28, 324-338.	1.6	14
34	The mutagenic assessment of an electronic-cigarette and reference cigarette smoke using the Ames assay in strains TA98 and TA100. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016, 812, 29-38.	1.7	54
35	A comparative assessment of cigarette smoke aerosols using an in vitro air-liquid interface cytotoxicity test. <i>Inhalation Toxicology</i> , 2015, 27, 629-640.	1.6	25
36	The mutagenic assessment of mainstream cigarette smoke using the Ames assay: A multi-strain approach. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 782, 9-17.	1.7	34

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37	An improved method for the isolation of rat alveolar type II lung cells: Use in the Comet assay to determine DNA damage induced by cigarette smoke. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 72, 141-149.	2.7	19
38	Development of an in vitro cytotoxicity model for aerosol exposure using 3D reconstructed human airway tissue; application for assessment of e-cigarette aerosol. <i>Toxicology in Vitro</i> , 2015, 29, 1952-1962.	2.4	119
39	An inter-machine comparison of tobacco smoke particle deposition in vitro from six independent smoke exposure systems. <i>Toxicology in Vitro</i> , 2014, 28, 1320-1328.	2.4	47
40	Development of a BALB/c 3T3 neutral red uptake cytotoxicity test using a mainstream cigarette smoke exposure system. <i>BMC Research Notes</i> , 2014, 7, 367.	1.4	24
41	A method for assessment of the genotoxicity of mainstream cigarette-smoke by use of the bacterial reverse-mutation assay and an aerosol-based exposure system. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 769, 20-28.	1.7	29
42	Assessment of cigarette smoke particle deposition within the Vitrocell <sup>®</sup> exposure module using quartz crystal microbalances. <i>Chemistry Central Journal</i> , 2013, 7, 50.	2.6	41
43	Characterisation of a Vitrocell <sup>®</sup> VC 10 in vitro smoke exposure system using dose tools and biological analysis. <i>Chemistry Central Journal</i> , 2013, 7, 146.	2.6	47
44	A review of in vitro cigarette smoke exposure systems. <i>Experimental and Toxicologic Pathology</i> , 2013, 65, 1183-1193.	2.1	140
45	Quantification of Cigarette Smoke Particle Deposition <i>In Vitro</i> Using a Triplicate Quartz Crystal Microbalance Exposure Chamber. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	22
46	Cigarette smoke total particulate matter increases mucous secreting cell numbers in vitro: A potential model of goblet cell hyperplasia. <i>Toxicology in Vitro</i> , 2010, 24, 981-987.	2.4	95
47	The role of oxidative stress in the biological responses of lung epithelial cells to cigarette smoke. <i>Biomarkers</i> , 2009, 14, 90-96.	1.9	144
48	Measurement of oxidative DNA damage induced by mainstream cigarette smoke in cultured NCI-H292 human pulmonary carcinoma cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 673, 3-8.	1.7	57