

CITATION REPORT

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Electronic cigarette aerosol induces significantly less cytotoxicity than tobacco smoke

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Toxicology Mechanisms and Methods, 2016, 26, 477-491.

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#	Paper	IF	Citations
79	Special issue on electronic cigarettes. <i>Toxicology Mechanisms and Methods</i> , 2016 , 26, 389-391	3.6	5
78	E-cigarette aerosols induce lower oxidative stress in vitro when compared to tobacco smoke. <i>Toxicology Mechanisms and Methods</i> , 2016 , 26, 465-476	3.6	79
77	The comparative in vitro assessment of e-cigarette and cigarette smoke aerosols using the H2AX assay and applied dose measurements. <i>Toxicology Letters</i> , 2017 , 265, 170-178	4.4	32
76	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	1.3	24
75	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	4.9	42
74	Pulmonary toxicity of e-cigarettes. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 313, L193-L206	5.8	159
73	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	4.7	21
72	Assessing modified risk tobacco and nicotine products: Description of the scientific framework and assessment of a closed modular electronic cigarette. <i>Regulatory Toxicology and Pharmacology</i> , 2017 , 90, 342-357	3.4	39
71	A comparative assessment of e-cigarette aerosols and cigarette smoke on in vitro endothelial cell migration. <i>Toxicology Letters</i> , 2017 , 277, 123-128	4.4	37
70	Optimization of Nonanimal Test Methods for Next-Generation Tobacco Products Requires Scientific Cooperation Among All Stakeholders. <i>Applied in Vitro Toxicology</i> , 2017 , 3, 12-13	1.3	
69	and Approaches to Evaluate Next-Generation Tobacco and Non-Tobacco Products on Human Blood Platelets. <i>Applied in Vitro Toxicology</i> , 2017 , 3, 110-120	1.3	1
68	Electronic cigarette vapor alters the lateral structure but not tensiometric properties of calf lung surfactant. <i>Respiratory Research</i> , 2017 , 18, 193	7.3	18
67	Characterization and Application of the VITROCELL VC1 Smoke Exposure System and 3D EpiAirway Models for Toxicological and e-Cigarette Evaluations. <i>Applied in Vitro Toxicology</i> , 2017 , 3, 68-83	1.3	27
66	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	3	18
65	E-cigarettes: voltage- and concentration-dependent loss in human lung adenocarcinoma viability. <i>Journal of Applied Toxicology</i> , 2018 , 38, 1135-1143	4.1	9
64	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	4.7	16
63	Alternative approaches for acute inhalation toxicity testing to address global regulatory and non-regulatory data requirements: An international workshop report. <i>Toxicology in Vitro</i> , 2018 , 48, 53-70	3.6	40

62	Electronic cigarettes: One size does not fit all. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1973-1982	15
61	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	3.4 29
60	Harmful flame retardant found in electronic cigarette aerosol. <i>Journal of Cleaner Production</i> , 2018 , 171, 10-16	10.3 10
59	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	3.4 16
58	Assessment of reactive oxygen species generated by electronic cigarettes using acellular and cellular approaches. <i>Journal of Hazardous Materials</i> , 2018 , 344, 549-557	12.8 47
57	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	3.4 30
56	Missed Opportunities for Detecting Alternative Nicotine Product Use in Youth: Data From the National Dental Practice-Based Research Network. <i>Journal of Adolescent Health</i> , 2018 , 63, 587-593	5.8 7
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53	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	1.3 9
52	Second-hand aerosol from tobacco and electronic cigarettes: Evaluation of the smoker emission rates and doses and lung cancer risk of passive smokers and vapers. <i>Science of the Total Environment</i> , 2018 , 642, 137-147	10.2 42
51	E-cigarettes and cigarettes worsen peripheral and central hemodynamics as well as arterial stiffness: A randomized, double-blinded pilot study. <i>Vascular Medicine</i> , 2018 , 23, 419-425	3.3 71
50	Next-generation tobacco and nicotine products: Substantiating harm reduction and supporting tobacco regulatory science. <i>Toxicology Research and Application</i> , 2018 , 2, 239784731877370	0.8 3
49	Evaluation of e-liquid toxicity using an open-source high-throughput screening assay. <i>PLoS Biology</i> , 2018 , 16, e2003904	9.7 79
48	An inter-laboratory in vitro assessment of cigarettes and next generation nicotine delivery products. <i>Toxicology Letters</i> , 2019 , 315, 14-22	4.4 11
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46	Toxicity assessment of electronic cigarettes. <i>Inhalation Toxicology</i> , 2019 , 31, 259-273	2.7 24
45	Vaping and Orthopaedic Surgery: A Review of Current Knowledge. <i>JBJS Reviews</i> , 2019 , 7, e5	2.6 5

44	Mainstream smoke constituents and toxicity comparative analysis of 3R4F and 1R6F reference cigarettes. <i>Toxicology Reports</i> , 2019 , 6, 222-231	4.8	38
43	New approaches to risk assessment of chemical mixtures. <i>Toxicology Research and Application</i> , 2019 , 3, 239784731882076	0.8	8
42	Toxicological comparison of cigarette smoke and e-cigarette aerosol using a 3D in vitro human respiratory model. <i>Regulatory Toxicology and Pharmacology</i> , 2019 , 103, 314-324	3.4	41
41	Effect of E Cigarette Emissions on Tracheal Cells Monitored at the Air-Liquid Interface Using an Organic Electrochemical Transistor. <i>Advanced Biology</i> , 2019 , 3, e1800249	3.5	11
40	Novel instrument to generate representative e-cigarette vapors for physicochemical particle characterization and in-vitro toxicity. <i>Journal of Aerosol Science</i> , 2019 , 129, 40-52	4.3	4
39	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	3.6	27
38	Systems toxicology assessment of a representative e-liquid formulation using human primary bronchial epithelial cells. <i>Toxicology Reports</i> , 2020 , 7, 67-80	4.8	10
37	Cell-specific toxicity of short-term JUUL aerosol exposure to human bronchial epithelial cells and murine macrophages exposed at the air-liquid interface. <i>Respiratory Research</i> , 2020 , 21, 269	7.3	9
36	Menthol in electronic cigarettes: A contributor to respiratory disease?. <i>Toxicology and Applied Pharmacology</i> , 2020 , 407, 115238	4.6	11
35	The in vitro assessment of a novel vaping technology. <i>Toxicology Reports</i> , 2020 , 7, 1145-1156	4.8	6
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33	Sub-ohm vaping increases the levels of carbonyls, is cytotoxic, and alters gene expression in human bronchial epithelial cells exposed at the air-liquid interface. <i>Respiratory Research</i> , 2020 , 21, 305	7.3	9
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31	Impact of Atomizer Age and Flavor on Toxicity of Aerosols from a Third-Generation Electronic Cigarette against Human Oral Cells. <i>Chemical Research in Toxicology</i> , 2020 , 33, 2527-2537	4	3
30	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	4	10
29	Statistical analysis plan for "A randomised, controlled study to evaluate the effects of switching from cigarette smoking to using a tobacco heating product on health effect indicators in healthy subjects". <i>Contemporary Clinical Trials Communications</i> , 2020 , 17, 100535	1.8	4
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26	Critical research gaps in electronic cigarette devices and nicotine aerosols. <i>International Journal of Pharmaceutics</i> , 2021 , 593, 120144	6.5	1
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12	Genome-wide differential expression profiling of lncRNAs and mRNAs in human induced pluripotent stem cell-derived endothelial cells exposed to e-cigarette extract. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 593	8.3	1
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9	Electronic nicotine delivery systems exhibit reduced bronchial epithelial cells toxicity compared to cigarette: the Replica Project.. <i>Scientific Reports</i> , 2021 , 11, 24182	4.9	0

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