

# Anita Iskandar

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,238  
citations

361296

20  
h-index

377752

34  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of aerosols on liver xenobiotic metabolism: A comparison of two methods of exposure. <i>Toxicology in Vitro</i> , 2022, 79, 105277.	1.1	2
2	Comparison of the biological impact of aerosol of e-vapor device with MESHÂ® technology and cigarette smoke on human bronchial and alveolar cultures. <i>Toxicology Letters</i> , 2021, 337, 98-110.	0.4	7
3	Toxicological Assessment InÂVitro. , 2021, , 257-304.		0
4	Assessment of in vitro kinetics and biological impact of nebulized trehalose on human bronchial epithelium. <i>Food and Chemical Toxicology</i> , 2021, 157, 112577.	1.8	5
5	A meta-analysis of microRNAs expressed in human aerodigestive epithelial cultures and their role as potential biomarkers of exposure response to nicotine-containing products. <i>Toxicology Reports</i> , 2020, 7, 1282-1295.	1.6	2
6	Comparison of the basic morphology and function of 3D lung epithelial cultures derived from several donors. <i>Current Research in Toxicology</i> , 2020, 1, 56-69.	1.3	17
7	Comparing the preclinical risk profile of inhalable candidate and potential candidate modified risk tobacco products: A bridging use case. <i>Toxicology Reports</i> , 2020, 7, 1187-1206.	1.6	8
8	Alternatives to Animal Use in Risk Assessment of Mixtures. <i>International Journal of Toxicology</i> , 2020, 39, 165-172.	0.6	9
9	Biology-inspired microphysiological systems to advance medicines for patient benefit and animal welfare. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2020, 37, 365-394.	0.9	123
10	State-of-the-art methods and devices for generation, exposure, and collection of aerosols from e-vapor products. <i>Toxicology Research and Application</i> , 2020, 4, 239784732097975.	0.7	1
11	Application of a multi-layer systems toxicology framework for in vitro assessment of the biological effects of Classic Tobacco e-liquid and its corresponding aerosol using an e-cigarette device with MESHâ„¢ technology. <i>Archives of Toxicology</i> , 2019, 93, 3229-3247.	1.9	26
12	A lower impact of an acute exposure to electronic cigarette aerosols than to cigarette smoke in human organotypic buccal and small airway cultures was demonstrated using systems toxicology assessment. <i>Internal and Emergency Medicine</i> , 2019, 14, 863-883.	1.0	30
13	New approaches to risk assessment of chemical mixtures. <i>Toxicology Research and Application</i> , 2019, 3, 239784731882076.	0.7	13
14	Optimization of a Novel In Situ Hybridization Technology on 3D Organotypic Cell Cultures. <i>Applied in Vitro Toxicology</i> , 2019, 5, 75-85.	0.6	2
15	Assessment of a 72-hour repeated exposure to Swedish snus extract and total particulate matter from 3R4F cigarette smoke on gingival organotypic cultures. <i>Food and Chemical Toxicology</i> , 2019, 125, 252-270.	1.8	8
16	Comparative biological impacts of an aerosol from carbon-heated tobacco and smoke from cigarettes on human respiratory epithelial cultures: A systems toxicology assessment. <i>Food and Chemical Toxicology</i> , 2018, 115, 109-126.	1.8	25
17	Assessment of the impact of aerosol from a potential modified risk tobacco product compared with cigarette smoke on human organotypic oral epithelial cultures under different exposure regimens. <i>Food and Chemical Toxicology</i> , 2018, 115, 148-169.	1.8	26
18	A lung/liver-on-a-chip platform for acute and chronic toxicity studies. <i>Lab on A Chip</i> , 2018, 18, 3814-3829.	3.1	132

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19	Pathway-based predictive approaches for non-animal assessment of acute inhalation toxicity. <i>Toxicology in Vitro</i> , 2018, 52, 131-145.	1.1	66
20	A systems toxicology approach for comparative assessment: Biological impact of an aerosol from a candidate modified-risk tobacco product and cigarette smoke on human organotypic bronchial epithelial cultures. <i>Toxicology in Vitro</i> , 2017, 39, 29-51.	1.1	49
21	Systems toxicology meta-analysis of in vitro assessment studies: biological impact of a candidate modified-risk tobacco product aerosol compared with cigarette smoke on human organotypic cultures of the aerodigestive tract. <i>Toxicology Research</i> , 2017, 6, 631-653.	0.9	24
22	Comparative effects of a candidate modified-risk tobacco product Aerosol and cigarette smoke on human organotypic small airway cultures: a systems toxicology approach. <i>Toxicology Research</i> , 2017, 6, 930-946.	0.9	21
23	Organs-on-a-chip. <i>Toxicology Research and Application</i> , 2017, 1, 239784731772635.	0.7	21
24	Systems Toxicology meta-analysis: Impact of a candidate modified-risk tobacco product aerosol compared with cigarette smoke on organotypic aerodigestive tract cultures. <i>Toxicology Letters</i> , 2017, 280, S262-S263.	0.4	0
25	3-D nasal cultures: Systems toxicological assessment of a candidate modified-risk tobacco product. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2017, 34, 23-48.	0.9	44
26	A framework for <i>in vitro</i> systems toxicology assessment of e-liquids. <i>Toxicology Mechanisms and Methods</i> , 2016, 26, 392-416.	1.3	67
27	$\beta$ -Cryptoxanthin Reduced Lung Tumor Multiplicity and Inhibited Lung Cancer Cell Motility by Downregulating Nicotinic Acetylcholine Receptor $\alpha$ 7 Signaling. <i>Cancer Prevention Research</i> , 2016, 9, 875-886.	0.7	42
28	Systems Toxicology Assessment of the Biological Impact of a Candidate Modified Risk Tobacco Product on Human Organotypic Oral Epithelial Cultures. <i>Chemical Research in Toxicology</i> , 2016, 29, 1252-1269.	1.7	49
29	Construction of biological networks from unstructured information based on a semi-automated curation workflow. <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, bav057.	1.4	33
30	Impact Assessment of Repeated Exposure of Organotypic 3D Bronchial and Nasal Tissue Culture Models to Whole Cigarette Smoke. <i>Journal of Visualized Experiments</i> , 2015, , .	0.2	29
31	Transcriptional profiling and targeted proteomics reveals common molecular changes associated with cigarette smoke-induced lung emphysema development in five susceptible mouse strains. <i>Inflammation Research</i> , 2015, 64, 471-486.	1.6	17
32	A crowd-sourcing approach for the construction of species-specific cell signaling networks. <i>Bioinformatics</i> , 2015, 31, 484-491.	1.8	10
33	Impact Assessment of Cigarette Smoke Exposure on Organotypic Bronchial Epithelial Tissue Cultures: A Comparison of Mono-Culture and Coculture Model Containing Fibroblasts. <i>Toxicological Sciences</i> , 2015, 147, 207-221.	1.4	51
34	Xenobiotic Metabolism Activation as a Biomarker of Cigarette Smoke Exposure Response. <i>Methods in Pharmacology and Toxicology</i> , 2015, , 285-315.	0.1	0
35	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. <i>Inhalation Toxicology</i> , 2015, 27, 405-431.	0.8	37
36	Abstract B1-19: Computable cancer hallmarks - The construction of novel computable biological network models reflecting causal mechanisms of cancer hallmarks. , 2015, , .		0

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37	Systems toxicology approaches enable mechanistic comparison of spontaneous and cigarette smoke-related lung tumor development in the A/J mouse model. <i>Interdisciplinary Toxicology</i> , 2014, 7, 73-84.	1.0	13
38	Case study: the role of mechanistic network models in systems toxicology. <i>Drug Discovery Today</i> , 2014, 19, 183-192.	3.2	63
39	<i>In vitro</i> systems toxicology approach to investigate the effects of repeated cigarette smoke exposure on human buccal and gingival organotypic epithelial tissue cultures. <i>Toxicology Mechanisms and Methods</i> , 2014, 24, 470-487.	1.3	50
40	Î²-Cryptoxanthin Restores Nicotine-Reduced Lung SIRT1 to Normal Levels and Inhibits Nicotine-Promoted Lung Tumorigenesis and Emphysema in A/J Mice. <i>Cancer Prevention Research</i> , 2013, 6, 309-320.	0.7	59
41	Systems Approaches Evaluating the Perturbation of Xenobiotic Metabolism in Response to Cigarette Smoke Exposure in Nasal and Bronchial Tissues. <i>BioMed Research International</i> , 2013, 2013, 1-14.	0.9	51
42	Modulations of sirtuin 1 protein levels by nicotine and Î²-cryptoxanthin can be mediated by miRâ€³4a in A/J mice lung cancer model. <i>FASEB Journal</i> , 2013, 27, 32.2.	0.2	0
43	Î²-Cryptoxanthin supplementation inhibits carcinogenâ€­initiated and nicotineâ€­promoted lung tumor development in AJ mice. <i>FASEB Journal</i> , 2012, 26, 27.2.	0.2	0
44	3-D nasal cultures: Systems toxicological assessment of a candidate modified-risk tobacco product_suppl. <i>ALTEX: Alternatives To Animal Experimentation</i> , 0, , .	0.9	6