Leslie C Thompson

List of Publications by Year
in descending order

25	340	932766 10	839053 18
papers	citations	h-index	g-index

25	25	25	524
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Early-life persistent vitamin D deficiency-induced cardiovascular dysfunction in mice is mediated by transient receptor potential C channels. Journal of Steroid Biochemistry and Molecular Biology, 2021, 206, 105804.	1.2	1
2	Conceptual models for implementing solution-oriented team science in large research consortia. Journal of Clinical and Translational Science, 2021, 5, e139.	0.3	5
3	Exposure to Intermittent Noise Exacerbates the Cardiovascular Response of Wistarâ€“Kyoto Rats to Ozone Inhalation and Arrhythmogenic Challenge. Cardiovascular Toxicology, 2021, 21, 336-348.	1.1	3
4	Pulmonary and vascular effects of acute ozone exposure in diabetic rats fed an atherogenic diet. Toxicology and Applied Pharmacology, 2021, 415, 115430.	1.3	4
5	Peat smoke inhalation alters blood pressure, baroreflex sensitivity, and cardiac arrhythmia risk in rats. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2020, 83, 748-763.	1.1	8
6	A single exposure to eucalyptus smoke sensitizes rats to the postprandial cardiovascular effects of a high carbohydrate oral load. Inhalation Toxicology, 2020, 32, 342-353.	0.8	3
7	Early Proteome Shift and Serum Bioactivity Precede Diesel Exhaust-induced Impairment of Cardiovascular Recovery in Spontaneously Hypertensive Rats. Scientific Reports, 2019, 9, 6885.	1.6	5
8	Airway Exposure to Modified Multi-walled Carbon Nanotubes Perturbs Cardiovascular Adenosinergic Signaling in Mice. Cardiovascular Toxicology, 2019, 19, 168-177.	1.1	7
9	Ozone Exposure During Implantation Increases Serum Bioactivity in HTR-8/SVneo Trophoblasts. Toxicological Sciences, 2019, 168, 535-550.	1.4	10
10	High-Throughput Video Processing of Heart Rate Responses in Multiple Wild-type Embryonic Zebrafish per Imaging Field. Scientific Reports, 2019, 9, 145.	1.6	27
11	Ambient Particulate Matter and Acrolein Co-Exposure Increases Myocardial Dyssynchrony in Mice via TRPA1. Toxicological Sciences, 2019, 167, 559-572.	1.4	19
12	Early-Life Persistent Vitamin D Deficiency Alters Cardiopulmonary Responses to Particulate Matter-Enhanced Atmospheric Smog in Adult Mice. Environmental Science & Technology, 2018, 52, 3054-3061.	4.6	8
13	Zebrafish Locomotor Responses Reveal Irritant Effects of Fine Particulate Matter Extracts and a Role for TRPA1. Toxicological Sciences, 2018, 161, 290-299.	1.4	15
14	Pulmonary exposure to peat smoke extracts in rats decreases expiratory time and increases left heart end systolic volume. Inhalation Toxicology, 2018, 30, 439-447.	0.8	7
15	Acute peat smoke inhalation sensitizes rats to the postprandial cardiometabolic effects of a high fat oral load. Science of the Total Environment, 2018, 643, 378-391.	3.9	10
16	Acrolein Inhalation Alters Myocardial Synchrony and Performance at and Below Exposure Concentrations that Cause Ventilatory Responses. Cardiovascular Toxicology, 2017, 17, 97-108.	1.1	9
17	Uterine Artery Flow and Offspring Growth in Long-Evans Rats following Maternal Exposure to Ozone during Implantation. Environmental Health Perspectives, 2017, 125, 127005.	2.8	18
18	Morning NO₂exposure sensitizes hypertensive rats to the cardiovascular effects of same day O₃exposure in the afternoon. Inhalation Toxicology, 2016, 28, 170-179.	0.8	8

#	Article	IF	Citations
19	The heart as an extravascular target of endothelin-1 in particulate matter-induced cardiac dysfunction. , 2016, 165, 63-78.		13
20	Pulmonary instillation of MWCNT increases lung permeability, decreases gp130 expression in the lungs, and initiates cardiovascular IL-6 transsignaling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L142-L154.	1.3	11
21	Impact of pulmonary exposure to gold core silver nanoparticles of different size and capping agents on cardiovascular injury. Particle and Fibre Toxicology, 2015, 13, 48.	2.8	32
22	Pulmonary instillation of multi-walled carbon nanotubes promotes coronary vasoconstriction and exacerbates injury in isolated hearts. Nanotoxicology, 2014, 8, 38-49.	1.6	33
23	PVP formulated fullerene (C60) increases Rho-kinase dependent vascular tissue contractility in pregnant Sprague Dawley rats. Reproductive Toxicology, 2014, 49, 86-100.	1.3	25
24	C60 Exposure Augments Cardiac Ischemia/Reperfusion Injury and Coronary Artery Contraction in Sprague Dawley Rats. Toxicological Sciences, 2014, 138, 365-378.	1.4	33
25	Changes in cardiopulmonary function induced by nanoparticles. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2012, 4, 691-702.	3.3	26