

Leslie C Thompson

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

340
citations

932766

10
h-index

839053

18
g-index

25
all docs

25
docs citations

25
times ranked

524
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulmonary instillation of multi-walled carbon nanotubes promotes coronary vasoconstriction and exacerbates injury in isolated hearts. <i>Nanotoxicology</i> , 2014, 8, 38-49.	1.6	33
2	C60 Exposure Augments Cardiac Ischemia/Reperfusion Injury and Coronary Artery Contraction in Sprague Dawley Rats. <i>Toxicological Sciences</i> , 2014, 138, 365-378.	1.4	33
3	Impact of pulmonary exposure to gold core silver nanoparticles of different size and capping agents on cardiovascular injury. <i>Particle and Fibre Toxicology</i> , 2015, 13, 48.	2.8	32
4	High-Throughput Video Processing of Heart Rate Responses in Multiple Wild-type Embryonic Zebrafish per Imaging Field. <i>Scientific Reports</i> , 2019, 9, 145.	1.6	27
5	Changes in cardiopulmonary function induced by nanoparticles. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2012, 4, 691-702.	3.3	26
6	PVP formulated fullerene (C60) increases Rho-kinase dependent vascular tissue contractility in pregnant Sprague Dawley rats. <i>Reproductive Toxicology</i> , 2014, 49, 86-100.	1.3	25
7	Ambient Particulate Matter and Acrolein Co-Exposure Increases Myocardial Dyssynchrony in Mice via TRPA1. <i>Toxicological Sciences</i> , 2019, 167, 559-572.	1.4	19
8	Uterine Artery Flow and Offspring Growth in Long-Evans Rats following Maternal Exposure to Ozone during Implantation. <i>Environmental Health Perspectives</i> , 2017, 125, 127005.	2.8	18
9	Zebrafish Locomotor Responses Reveal Irritant Effects of Fine Particulate Matter Extracts and a Role for TRPA1. <i>Toxicological Sciences</i> , 2018, 161, 290-299.	1.4	15
10	The heart as an extravascular target of endothelin-1 in particulate matter-induced cardiac dysfunction. , 2016, 165, 63-78.		13
11	Pulmonary instillation of MWCNT increases lung permeability, decreases gp130 expression in the lungs, and initiates cardiovascular IL-6 transsignaling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L142-L154.	1.3	11
12	Acute peat smoke inhalation sensitizes rats to the postprandial cardiometabolic effects of a high fat oral load. <i>Science of the Total Environment</i> , 2018, 643, 378-391.	3.9	10
13	Ozone Exposure During Implantation Increases Serum Bioactivity in HTR-8/SVneo Trophoblasts. <i>Toxicological Sciences</i> , 2019, 168, 535-550.	1.4	10
14	Acrolein Inhalation Alters Myocardial Synchrony and Performance at and Below Exposure Concentrations that Cause Ventilatory Responses. <i>Cardiovascular Toxicology</i> , 2017, 17, 97-108.	1.1	9
15	Morning NO ₂ exposure sensitizes hypertensive rats to the cardiovascular effects of same day O ₃ exposure in the afternoon. <i>Inhalation Toxicology</i> , 2016, 28, 170-179.	0.8	8
16	Early-Life Persistent Vitamin D Deficiency Alters Cardiopulmonary Responses to Particulate Matter-Enhanced Atmospheric Smog in Adult Mice. <i>Environmental Science & Technology</i> , 2018, 52, 3054-3061.	4.6	8
17	Peat smoke inhalation alters blood pressure, baroreflex sensitivity, and cardiac arrhythmia risk in rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2020, 83, 748-763.	1.1	8
18	Pulmonary exposure to peat smoke extracts in rats decreases expiratory time and increases left heart end systolic volume. <i>Inhalation Toxicology</i> , 2018, 30, 439-447.	0.8	7

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19	Airway Exposure to Modified Multi-walled Carbon Nanotubes Perturbs Cardiovascular Adenosinergic Signaling in Mice. <i>Cardiovascular Toxicology</i> , 2019, 19, 168-177.	1.1	7
20	Early Proteome Shift and Serum Bioactivity Precede Diesel Exhaust-induced Impairment of Cardiovascular Recovery in Spontaneously Hypertensive Rats. <i>Scientific Reports</i> , 2019, 9, 6885.	1.6	5
21	Conceptual models for implementing solution-oriented team science in large research consortia. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e139.	0.3	5
22	Pulmonary and vascular effects of acute ozone exposure in diabetic rats fed an atherogenic diet. <i>Toxicology and Applied Pharmacology</i> , 2021, 415, 115430.	1.3	4
23	A single exposure to eucalyptus smoke sensitizes rats to the postprandial cardiovascular effects of a high carbohydrate oral load. <i>Inhalation Toxicology</i> , 2020, 32, 342-353.	0.8	3
24	Exposure to Intermittent Noise Exacerbates the Cardiovascular Response of Wistar-Kyoto Rats to Ozone Inhalation and Arrhythmogenic Challenge. <i>Cardiovascular Toxicology</i> , 2021, 21, 336-348.	1.1	3
25	Early-life persistent vitamin D deficiency-induced cardiovascular dysfunction in mice is mediated by transient receptor potential C channels. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 206, 105804.	1.2	1