

Loren E Wold

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

2,219
citations

186265

28
h-index

233421

45
g-index

71
all docs

71
docs citations

71
times ranked

3453
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative stress and stress signaling: menace of diabetic cardiomyopathy. <i>Acta Pharmacologica Sinica</i> , 2005, 26, 908-917.	6.1	171
2	Direct and indirect effects of particulate matter on the cardiovascular system. <i>Toxicology Letters</i> , 2012, 208, 293-299.	0.8	169
3	Cardiovascular Remodeling in Response to Long-Term Exposure to Fine Particulate Matter Air Pollution. <i>Circulation: Heart Failure</i> , 2012, 5, 452-461.	3.9	137
4	Getting to the Heart of Alzheimer Disease. <i>Circulation Research</i> , 2019, 124, 142-149.	4.5	136
5	Impaired SERCA function contributes to cardiomyocyte dysfunction in insulin resistant rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2005, 39, 297-307.	1.9	110
6	A Pilot Study to Assess Effects of Long-Term Inhalation of Airborne Particulate Matter on Early Alzheimer-Like Changes in the Mouse Brain. <i>PLoS ONE</i> , 2015, 10, e0127102.	2.5	108
7	Cardiovascular risk of electronic cigarettes: a review of preclinical and clinical studies. <i>Cardiovascular Research</i> , 2020, 116, 40-50.	3.8	95
8	Metallothionein alleviates cardiac dysfunction in streptozotocin-induced diabetes: Role of Ca ²⁺ cycling proteins, NADPH oxidase, poly(ADP-Ribose) polymerase and myosin heavy chain isozyme. <i>Free Radical Biology and Medicine</i> , 2006, 40, 1419-1429.	2.9	91
9	Tumor growth increases neuroinflammation, fatigue and depressive-like behavior prior to alterations in muscle function. <i>Brain, Behavior, and Immunity</i> , 2015, 43, 76-85.	4.1	84
10	A Novel Endocrine Role for the BAT-Released Lipokine 12,13-diHOME to Mediate Cardiac Function. <i>Circulation</i> , 2021, 143, 145-159.	1.6	81
11	Streptozotocin directly impairs cardiac contractile function in isolated ventricular myocytes via a p38 map kinase-dependent oxidative stress mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2004, 318, 1066-1071.	2.1	77
12	Early life exposure to air pollution induces adult cardiac dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1353-H1360.	3.2	67
13	Myocardial dysfunction in an animal model of cancer cachexia. <i>Life Sciences</i> , 2011, 88, 406-410.	4.3	63
14	Microbial involvement in Alzheimer disease development and progression. <i>Molecular Neurodegeneration</i> , 2020, 15, 42.	10.8	56
15	Doxorubicin induces cardiomyocyte dysfunction via a p38 MAP kinase-dependent oxidative stress mechanism. <i>Cancer Detection and Prevention</i> , 2005, 29, 294-299.	2.1	47
16	In Utero Particulate Matter Exposure Produces Heart Failure, Electrical Remodeling, and Epigenetic Changes at Adulthood. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	46
17	Ankyrin-B dysfunction predisposes to arrhythmogenic cardiomyopathy and is amenable to therapy. <i>Journal of Clinical Investigation</i> , 2019, 129, 3171-3184.	8.2	42
18	In utero exposure to fine particulate matter results in an altered neuroimmune phenotype in adult mice. <i>Environmental Pollution</i> , 2018, 241, 279-288.	7.5	38

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19	Cytoskeletal remodeling of desmin is a more accurate measure of cardiac dysfunction than fibrosis or myocyte hypertrophy. <i>Life Sciences</i> , 2008, 83, 786-794.	4.3	37
20	PM 2.5 exposure in utero contributes to neonatal cardiac dysfunction in mice. <i>Environmental Pollution</i> , 2017, 230, 116-124.	7.5	37
21	E-Cigarettes and Cardiopulmonary Health. <i>Function</i> , 2021, 2, zqab004.	2.3	36
22	E-Cigarettes and Cardiopulmonary Health: Review for Clinicians. <i>Circulation</i> , 2022, 145, 219-232.	1.6	36
23	In vitro particulate matter exposure causes direct and lung-mediated indirect effects on cardiomyocyte function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H53-H62.	3.2	35
24	Ibuprofen ameliorates fatigue- and depressive-like behavior in tumor-bearing mice. <i>Life Sciences</i> , 2015, 143, 65-70.	4.3	35
25	Particulate Matter Exposure Exacerbates Amyloid- β^2 Plaque Deposition and Gliosis in APP/PS1 Mice. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 761-774.	2.6	33
26	Adverse perinatal environment contributes to altered cardiac development and function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H1334-H1340.	3.2	31
27	Fluoxetine prevents the development of depressive-like behavior in a mouse model of cancer related fatigue. <i>Physiology and Behavior</i> , 2015, 140, 230-235.	2.1	30
28	Metalloproteinase expression is altered in cardiac and skeletal muscle in cancer cachexia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H685-H691.	3.2	29
29	Air Pollution and Other Environmental Modulators of Cardiac Function. , 2017, 7, 1479-1495.		22
30	Influence of the Microbiota-Gut-Brain Axis on Cognition in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 17-31.	2.6	22
31	Losartan treatment attenuates tumor-induced myocardial dysfunction. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 85, 37-47.	1.9	21
32	Preconception Exposure to Fine Particulate Matter Leads to Cardiac Dysfunction in Adult Male Offspring. <i>Journal of the American Heart Association</i> , 2018, 7, e010797.	3.7	21
33	Storage conditions and passages alter IL-6 secretion in C26 adenocarcinoma cell lines. <i>MethodsX</i> , 2015, 2, 53-58.	1.6	16
34	Double trouble: combined cardiovascular effects of particulate matter exposure and coronavirus disease 2019. <i>Cardiovascular Research</i> , 2021, 117, 85-95.	3.8	15
35	Endurance Exercise Accelerates Myocardial Tissue Oxygenation Recovery and Reduces Ischemia Reperfusion Injury in Mice. <i>PLoS ONE</i> , 2014, 9, e114205.	2.5	14
36	Cardiac pathophysiology in response to environmental stress: a current review. <i>Current Opinion in Physiology</i> , 2018, 1, 198-205.	1.8	14

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37	Increased hypoxia-inducible factor-1 β in striated muscle of tumor-bearing mice. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H1154-H1162.	3.2	13
38	Diabetes Enhances Acetaldehyde-Induced Depression of Cardiac Myocyte Contraction. Biochemical and Biophysical Research Communications, 2000, 269, 697-703.	2.1	11
39	Mechanical Measurement of Contractile Function of Isolated Ventricular Myocytes. Methods in Molecular Medicine, 2007, 139, 263-270.	0.8	11
40	e-Cigarette Aerosol Reduces Left Ventricular Function in Adolescent Mice. Circulation, 2022, 145, 868-870.	1.6	9
41	Genetic and non-genetic risk factors associated with atrial fibrillation. Life Sciences, 2022, 299, 120529.	4.3	9
42	In vitro effects of exercise on the heart. Life Sciences, 2014, 116, 67-73.	4.3	8
43	Mitofilin: Key factor in diabetic cardiomyopathy?. Journal of Molecular and Cellular Cardiology, 2015, 85, 292-293.	1.9	8
44	Remote Work During the COVID-19 Pandemic: Making the Best of It. Physiology, 2021, 36, 2-4.	3.1	8
45	Ubiquinol Reduces Muscle Wasting but Not Fatigue in Tumor-Bearing Mice. Biological Research for Nursing, 2015, 17, 321-329.	1.9	7
46	Minocycline attenuates cardiac dysfunction in tumor-burdened mice. Journal of Molecular and Cellular Cardiology, 2016, 100, 35-42.	1.9	7
47	Stem Cell Therapy in the Heart and Vasculature. Methods in Molecular Medicine, 2007, 139, 355-365.	0.8	5
48	Health effects following exposure to dust from the World Trade Center disaster: An update. Life Sciences, 2022, 289, 120147.	4.3	5
49	Giant ankyrin-G regulates cardiac function. Journal of Biological Chemistry, 2021, 296, 100507.	3.4	4
50	Viral transport media for COVID-19 testing. MethodsX, 2021, 8, 101433.	1.6	4
51	Exercise does not ameliorate cardiac dysfunction in obese mice exposed to fine particulate matter. Life Sciences, 2019, 239, 116885.	4.3	3
52	Particulate Matter Exposure Exacerbates Amyloid- β 2 Plaque Deposition and Gliosis in APP/PS1 Mice. Advances in Alzheimer's Disease, 2021, , .	0.2	2
53	Epigenetics and cardiovascular disease. Life Sciences, 2015, 129, 1-2.	4.3	1
54	Direct and indirect effects of particulate exposure on the heart.. FASEB Journal, 2013, 27, 1142.4.	0.5	1

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55	Longitudinal Impact of WTC Dust Inhalation on Rat Cardiac Tissue Transcriptomic Profiles. International Journal of Environmental Research and Public Health, 2022, 19, 919.	2.6	1
56	Could brown fat be good for the heart?. Journal of Molecular and Cellular Cardiology, 2015, 85, 102-103.	1.9	0
57	Building stronger bridges in the heart through titin. Journal of Molecular and Cellular Cardiology, 2015, 79, 232-233.	1.9	0
58	Basic Cardiovascular Sciences Scientific Sessions 2020. Circulation Research, 2020, 127, 1459-1467.	4.5	0
59	Short-term PM exposure and social defeat cause reduction in pulmonary and right ventricle function. FASEB Journal, 2021, 35, .	0.5	0
60	Air pollution potentiates diabetes-induced cardiomyocyte dysfunction. FASEB Journal, 2009, 23, .	0.5	0
61	Electrophysiological abnormalities in mice with genetic ablation of Rap1a GTPase. FASEB Journal, 2010, 24, 867.3.	0.5	0
62	DEP-induced Changes Observed in Early-stage Volume Overload Heart Failure Cardiomyocytes. FASEB Journal, 2011, 25, 1000.11.	0.5	0
63	Continuous Electrical Stimulation of Cardiomyocytes Prevents Glucose-induced Contractile Dysfunction. FASEB Journal, 2011, 25, 1112.8.	0.5	0
64	Diesel particulate matter exposure exacerbates ROS formation and contractile dysfunction in diabetic cardiomyocytes. FASEB Journal, 2011, 25, 1112.9.	0.5	0
65	Perinatal inflammation and oxidative stress induce fetal cardiac dysfunction. FASEB Journal, 2013, 27, 1187.1.	0.5	0
66	Early life exposure to air pollution induces adult cardiovascular dysfunction in mice (864.9). FASEB Journal, 2014, 28, 864.9.	0.5	0
67	In Utero PM 2.5 Exposure Contributes to Adult Cardiac Dysfunction. FASEB Journal, 2015, 29, 1043.14.	0.5	0
68	Long-term Exposure of Particulate Matter to Lean and Obese Mice Leads to Cardiac Dysfunction Through Alterations in Beta-Adrenergic Signaling. FASEB Journal, 2015, 29, 1043.13.	0.5	0
69	Editorial: Cardiovascular and renal 2020: Cardiovascular protection by antidiabetic drugs: Key mechanisms and current clinical data. Current Opinion in Pharmacology, 2020, 54, vii-ix.	3.5	0
70	A Systematic Review of Self-Care Interventions for African American Family Caregivers. Innovation in Aging, 2021, 5, 352-352.	0.1	0
71	Influence of the Microbiota-Gut-Brain Axis on Cognition in Alzheimer's Disease. Advances in Alzheimer's Disease, 2022, , .	0.2	0