Yik Lung Chan

List of Publications by Year
in descending order

29	782	516561 16	526166 27
papers	citations	h-index	g-index

29	29	29	1162
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Maternal E-Cigarette Exposure in Mice Alters DNA Methylation and Lung Cytokine Expression in Offspring. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 366-377.	1.4	117
2	Molecular modulators of celastrol as the keystones for its diverse pharmacological activities. Biomedicine and Pharmacotherapy, 2019, 109, 1785-1792.	2.5	79
3	Impact of maternal cigarette smoke exposure on brain inflammation and oxidative stress in male mice offspring. Scientific Reports, 2016, 6, 25881.	1.6	60
4	Pulmonary inflammation induced by low-dose particulate matter exposure in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 317, L424-L430.	1.3	50
5	Is there an association between the level of ambient air pollution and COVID-19?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L416-L421.	1.3	39
6	Modulation of neural regulators of energy homeostasis, and of inflammation, in the pups of mice exposed to e-cigarettes. Neuroscience Letters, 2018, 684, 61-66.	1.0	38
7	Why Do Intrauterine Exposure to Air Pollution and Cigarette Smoke Increase the Risk of Asthma?. Frontiers in Cell and Developmental Biology, 2020, 8, 38.	1.8	37
8	The Impact of Maternal Cigarette Smoke Exposure in a Rodent Model on Renal Development in the Offspring. PLoS ONE, 2014, 9, e103443.	1.1	36
9	MitoQ supplementation prevent long-term impact of maternal smoking on renal development, oxidative stress and mitochondrial density in male mice offspring. Scientific Reports, 2018, 8, 6631.	1.6	36
10	Gold nanoparticles improve metabolic profile of mice fed a high-fat diet. Journal of Nanobiotechnology, 2018, 16, 11.	4.2	35
11	Prenatal cigarette smoke exposure effects on apoptotic and nicotinic acetylcholine receptor expression in the infant mouse brainstem. NeuroToxicology, 2016, 53, 53-63.	1.4	34
12	Moderate traumatic brain injury is linked to acute behaviour deficits and long term mitochondrial alterations. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 1107-1114.	0.9	32
13	Effect of long-term maternal smoking on the offspringâ€™s lung health. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L416-L423.	1.3	30
14	A Mitochondrial Specific Antioxidant Reverses Metabolic Dysfunction and Fatty Liver Induced by Maternal Cigarette Smoke in Mice. Nutrients, 2019, 11, 1669.	1.7	28
15	Maternal L-Carnitine Supplementation Improves Brain Health in Offspring from Cigarette Smoke Exposed Mothers. Frontiers in Molecular Neuroscience, 2017, 10, 33.	1.4	23
16	Molecular and Immunological Mechanisms Underlying the Various Pharmacological Properties of the Potent Bioflavonoid, Rutin. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2020, 20, 1590-1596.	0.6	22
17	L-Carnitine and extendin-4 improve outcomes following moderate brain contusion injury. Scientific Reports, 2018, 8, 11201.	1.6	13
18	Brain health is independently impaired by E-vaping and high-fat diet. Brain, Behavior, and Immunity, 2021, 92, 57-66.	2.0	12

#	Article	IF	Citations
19	Maternal Particulate Matter Exposure Impairs Lung Health and Is Associated with Mitochondrial Damage. Antioxidants, 2021, 10, 1029.	2.2	10
20	Short term exendinâ€4 treatment reduces markers of metabolic disorders in female offspring of obese rat dams. International Journal of Developmental Neuroscience, 2015, 46, 67-75.	0.7	9
21	Offspring sex affects the susceptibility to maternal smoking-induced lung inflammation and the effect of maternal antioxidant supplementation in mice. Journal of Inflammation, 2020, 17, 24.	1.5	8
22	Maternal Lâ€carnitine supplementation ameliorates renal underdevelopment and epigenetic changes in male mice offspring due to maternal smoking. Clinical and Experimental Pharmacology and Physiology, 2019, 46, 183-193.	0.9	7
23	Differential Effects of â€˜Vapingâ€™ on Lipid and Glucose Profiles and Liver Metabolic Markers in Obese Versus Non-obese Mice. Frontiers in Physiology, 2021, 12, 755124.	1.3	7
24	Impact of A Cargo-Less Liposomal Formulation on Dietary Obesity-Related Metabolic Disorders in Mice. International Journal of Molecular Sciences, 2020, 21, 7640.	1.8	5
25	Evidence from a mouse model on the dangers of thirdhand electronic cigarette exposure during early life. ERJ Open Research, 2020, 6, 00022-2020.	1.1	5
26	Nitroxides affect neurological deficits and lesion size induced by a rat model of traumatic brain injury. Nitric Oxide - Biology and Chemistry, 2020, 97, 57-65.	1.2	5
27	Maternal Cigarette Smoke Exposure Exaggerates the Behavioral Defects and Neuronal Loss Caused by Hypoxic-Ischemic Brain Injury in Female Offspring. Frontiers in Cellular Neuroscience, 2022, 16, 818536.	1.8	3
28	Impact of High Fat Consumption on Neurological Functions after Traumatic Brain Injury in Rats. Journal of Neurotrauma, 2022, 39, 1547-1560.	1.7	2
29	Maternal Smoking and Fetal Brain Outcome: Mechanisms and Possible Solutions. , 2019, , 9-16.		0