

# Yik Lung Chan

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

782  
citations

516561

16  
h-index

526166

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal Cigarette Smoke Exposure Exaggerates the Behavioral Defects and Neuronal Loss Caused by Hypoxic-Ischemic Brain Injury in Female Offspring. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 818536.	1.8	3
2	Impact of High Fat Consumption on Neurological Functions after Traumatic Brain Injury in Rats. <i>Journal of Neurotrauma</i> , 2022, 39, 1547-1560.	1.7	2
3	Brain health is independently impaired by E-vaping and high-fat diet. <i>Brain, Behavior, and Immunity</i> , 2021, 92, 57-66.	2.0	12
4	Maternal Particulate Matter Exposure Impairs Lung Health and Is Associated with Mitochondrial Damage. <i>Antioxidants</i> , 2021, 10, 1029.	2.2	10
5	Differential Effects of "Vaping"™ on Lipid and Glucose Profiles and Liver Metabolic Markers in Obese Versus Non-obese Mice. <i>Frontiers in Physiology</i> , 2021, 12, 755124.	1.3	7
6	Impact of A Cargo-Less Liposomal Formulation on Dietary Obesity-Related Metabolic Disorders in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7640.	1.8	5
7	Is there an association between the level of ambient air pollution and COVID-19?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L416-L421.	1.3	39
8	Offspring sex affects the susceptibility to maternal smoking-induced lung inflammation and the effect of maternal antioxidant supplementation in mice. <i>Journal of Inflammation</i> , 2020, 17, 24.	1.5	8
9	Evidence from a mouse model on the dangers of thirdhand electronic cigarette exposure during early life. <i>ERJ Open Research</i> , 2020, 6, 00022-2020.	1.1	5
10	Why Do Intrauterine Exposure to Air Pollution and Cigarette Smoke Increase the Risk of Asthma?. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 38.	1.8	37
11	Nitroxides affect neurological deficits and lesion size induced by a rat model of traumatic brain injury. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 97, 57-65.	1.2	5
12	Molecular and Immunological Mechanisms Underlying the Various Pharmacological Properties of the Potent Bioflavonoid, Rutin. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 1590-1596.	0.6	22
13	Pulmonary inflammation induced by low-dose particulate matter exposure in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 317, L424-L430.	1.3	50
14	A Mitochondrial Specific Antioxidant Reverses Metabolic Dysfunction and Fatty Liver Induced by Maternal Cigarette Smoke in Mice. <i>Nutrients</i> , 2019, 11, 1669.	1.7	28
15	Maternal Smoking and Fetal Brain Outcome: Mechanisms and Possible Solutions. , 2019, , 9-16.		0
16	Molecular modulators of celastrol as the keystones for its diverse pharmacological activities. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1785-1792.	2.5	79
17	Maternal L-carnitine supplementation ameliorates renal underdevelopment and epigenetic changes in male mice offspring due to maternal smoking. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2019, 46, 183-193.	0.9	7
18	MitoQ supplementation prevent long-term impact of maternal smoking on renal development, oxidative stress and mitochondrial density in male mice offspring. <i>Scientific Reports</i> , 2018, 8, 6631.	1.6	36

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19	Maternal E-Cigarette Exposure in Mice Alters DNA Methylation and Lung Cytokine Expression in Offspring. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 366-377.	1.4	117
20	L-Carnitine and extendin-4 improve outcomes following moderate brain contusion injury. <i>Scientific Reports</i> , 2018, 8, 11201.	1.6	13
21	Modulation of neural regulators of energy homeostasis, and of inflammation, in the pups of mice exposed to e-cigarettes. <i>Neuroscience Letters</i> , 2018, 684, 61-66.	1.0	38
22	Gold nanoparticles improve metabolic profile of mice fed a high-fat diet. <i>Journal of Nanobiotechnology</i> , 2018, 16, 11.	4.2	35
23	Effect of long-term maternal smoking on the offspring's lung health. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L416-L423.	1.3	30
24	Maternal L-Carnitine Supplementation Improves Brain Health in Offspring from Cigarette Smoke Exposed Mothers. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 33.	1.4	23
25	Impact of maternal cigarette smoke exposure on brain inflammation and oxidative stress in male mice offspring. <i>Scientific Reports</i> , 2016, 6, 25881.	1.6	60
26	Moderate traumatic brain injury is linked to acute behaviour deficits and long term mitochondrial alterations. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 1107-1114.	0.9	32
27	Prenatal cigarette smoke exposure effects on apoptotic and nicotinic acetylcholine receptor expression in the infant mouse brainstem. <i>NeuroToxicology</i> , 2016, 53, 53-63.	1.4	34
28	Short term extendin-4 treatment reduces markers of metabolic disorders in female offspring of obese rat dams. <i>International Journal of Developmental Neuroscience</i> , 2015, 46, 67-75.	0.7	9
29	The Impact of Maternal Cigarette Smoke Exposure in a Rodent Model on Renal Development in the Offspring. <i>PLoS ONE</i> , 2014, 9, e103443.	1.1	36