

Sonia Saad

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

2,238
citations

201674

27
h-index

254184

43
g-index

82
all docs

82
docs citations

82
times ranked

3029
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolite-based dietary supplementation in human type 1 diabetes is associated with microbiota and immune modulation. <i>Microbiome</i> , 2022, 10, 9.	11.1	46
2	Fimbristylis ovata and Artemisia vulgaris extracts inhibited AGE-mediated RAGE expression, ROS generation, and inflammation in THP-1 cells. <i>Toxicological Research</i> , 2022, 38, 331-343.	2.1	6
3	Blood DNA Methylation Predicts Diabetic Kidney Disease Progression in High Fat Diet-Fed Mice. <i>Nutrients</i> , 2022, 14, 785.	4.1	4
4	Effects of air pollution on human health – Mechanistic evidence suggested by in vitro and in vivo modelling. <i>Environmental Research</i> , 2022, 212, 113378.	7.5	27
5	Low-dose hydralazine reduces albuminuria and glomerulosclerosis in a mouse model of obesity-related chronic kidney disease. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 1939-1949.	4.4	5
6	Diet Modification before or during Pregnancy on Maternal and Foetal Outcomes in Rodent Models of Maternal Obesity. <i>Nutrients</i> , 2022, 14, 2154.	4.1	4
7	Brain health is independently impaired by E-vaping and high-fat diet. <i>Brain, Behavior, and Immunity</i> , 2021, 92, 57-66.	4.1	12
8	Low-dose hydralazine during gestation reduces renal fibrosis in rodent offspring exposed to maternal high fat diet. <i>PLoS ONE</i> , 2021, 16, e0248854.	2.5	12
9	Non-invasive assessment of exfoliated kidney cells extracted from urine using multispectral autofluorescence features. <i>Scientific Reports</i> , 2021, 11, 10655.	3.3	6
10	Particulate Matter, an Intrauterine Toxin Affecting Foetal Development and Beyond. <i>Antioxidants</i> , 2021, 10, 732.	5.1	19
11	Lysyl oxidase inhibitors attenuate cyclosporin A-induced nephropathy in mouse. <i>Scientific Reports</i> , 2021, 11, 12437.	3.3	11
12	Maternal Particulate Matter Exposure Impairs Lung Health and Is Associated with Mitochondrial Damage. <i>Antioxidants</i> , 2021, 10, 1029.	5.1	10
13	Novel Role of Gestational Hydralazine in Limiting Maternal and Dietary Obesity-Related Chronic Kidney Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 705263.	3.7	6
14	The Role of the Gut Microbiome in Diabetes and Obesity-Related Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9641.	4.1	78
15	Aberrant DNA Methylation Mediates the Transgenerational Risk of Metabolic and Chronic Disease Due to Maternal Obesity and Overnutrition. <i>Genes</i> , 2021, 12, 1653.	2.4	7
16	Differential Effects of e-Vaping™ on Lipid and Glucose Profiles and Liver Metabolic Markers in Obese Versus Non-obese Mice. <i>Frontiers in Physiology</i> , 2021, 12, 755124.	2.8	7
17	Parental SIRT1 Overexpression Attenuate Metabolic Disorders Due to Maternal High-Fat Feeding. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7342.	4.1	6
18	Replacing smoking with vaping during pregnancy: Impacts on metabolic health in mice. <i>Reproductive Toxicology</i> , 2020, 96, 293-299.	2.9	3

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19	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.	3.4	8
20	Non-invasive real-time imaging of reactive oxygen species (ROS) using auto-fluorescence multispectral imaging technique: A novel tool for redox biology. <i>Redox Biology</i> , 2020, 34, 101561.	9.0	33
21	Semicarbazide-sensitive amine oxidase inhibition ameliorates albuminuria and glomerulosclerosis but does not improve tubulointerstitial fibrosis in diabetic nephropathy. <i>PLoS ONE</i> , 2020, 15, e0234617.	2.5	5
22	E-cigarettes damage the liver and alter nutrient metabolism in pregnant mice and their offspring. <i>Annals of the New York Academy of Sciences</i> , 2020, 1475, 64-77.	3.8	16
23	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.	2.7	5
24	Title is missing!. , 2020, 15, e0234617.		0
25	Title is missing!. , 2020, 15, e0234617.		0
26	Title is missing!. , 2020, 15, e0234617.		0
27	Title is missing!. , 2020, 15, e0234617.		0
28	Title is missing!. , 2020, 15, e0234617.		0
29	Title is missing!. , 2020, 15, e0234617.		0
30	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.	2.9	50
31	Impact of maternal e-cigarette vapor exposure on renal health in the offspring. <i>Annals of the New York Academy of Sciences</i> , 2019, 1452, 65-77.	3.8	33
32	A Mitochondrial Specific Antioxidant Reverses Metabolic Dysfunction and Fatty Liver Induced by Maternal Cigarette Smoke in Mice. <i>Nutrients</i> , 2019, 11, 1669.	4.1	28
33	SIRT1 Attenuates Kidney Disorders in Male Offspring Due to Maternal High-Fat Diet. <i>Nutrients</i> , 2019, 11, 146.	4.1	22
34	SIRT1 overexpression attenuates offspring metabolic and liver disorders as a result of maternal high-fat feeding. <i>Journal of Physiology</i> , 2019, 597, 467-480.	2.9	25
35	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.	1.9	7
36	Maternal obesity increases the risk of metabolic disease and impacts renal health in offspring. <i>Bioscience Reports</i> , 2018, 38, .	2.4	50

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37	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.	3.3	36
38	L-Carnitine and extendin-4 improve outcomes following moderate brain contusion injury. <i>Scientific Reports</i> , 2018, 8, 11201.	3.3	13
39	Heat or Burn? Impacts of Intrauterine Tobacco Smoke and E-Cigarette Vapor Exposure on the Offspring's Health Outcome. <i>Toxics</i> , 2018, 6, 43.	3.7	44
40	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.	2.1	38
41	DNA methylation and the potential role of demethylating agents in prevention of progressive chronic kidney disease. <i>FASEB Journal</i> , 2018, 32, 5215-5226.	0.5	30
42	SRT1720 attenuates obesity and insulin resistance but not liver damage in the offspring due to maternal and postnatal high-fat diet consumption. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E196-E203.	3.5	17
43	Lysyl oxidase-like 2 inhibition ameliorates glomerulosclerosis and albuminuria in diabetic nephropathy. <i>Scientific Reports</i> , 2018, 8, 9423.	3.3	25
44	Maternal high-fat diet induces metabolic stress response disorders in offspring hypothalamus. <i>Journal of Molecular Endocrinology</i> , 2017, 59, 81-92.	2.5	23
45	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.	2.9	30
46	SIRT1 reduction is associated with sex-specific dysregulation of renal lipid metabolism and stress responses in offspring by maternal high-fat diet. <i>Scientific Reports</i> , 2017, 7, 8982.	3.3	28
47	Maternal Cigarette Smoke Exposure Worsens Neurological Outcomes in Adolescent Offspring with Hypoxic-Ischemic Injury. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 306.	2.9	22
48	The renal consequences of maternal obesity in offspring are overwhelmed by postnatal high fat diet. <i>PLoS ONE</i> , 2017, 12, e0172644.	2.5	27
49	Effect of GLP-1 Receptor Activation on Offspring Kidney Health in a Rat Model of Maternal Obesity. <i>Scientific Reports</i> , 2016, 6, 23525.	3.3	45
50	Impact of maternal cigarette smoke exposure on brain inflammation and oxidative stress in male mice offspring. <i>Scientific Reports</i> , 2016, 6, 25881.	3.3	60
51	Impact of maternal cigarette smoke exposure on brain and kidney health outcomes in female offspring. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 1168-1176.	1.9	16
52	Increased sphingosine 1-phosphate mediates inflammation and fibrosis in tubular injury in diabetic nephropathy. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 56-66.	1.9	48
53	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.	1.9	32
54	Quantitative non-invasive cell characterisation and discrimination based on multispectral autofluorescence features. <i>Scientific Reports</i> , 2016, 6, 23453.	3.3	73

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55	Maternal Obesity Promotes Diabetic Nephropathy in Rodent Offspring. <i>Scientific Reports</i> , 2016, 6, 27769.	3.3	26
56	Sirtuinsâ€”mediators of maternal obesityâ€”induced complications in offspring?. <i>FASEB Journal</i> , 2016, 30, 1383-1390.	0.5	15
57	Mouse Models of Diabetes, Obesity and Related Kidney Disease. <i>PLoS ONE</i> , 2016, 11, e0162131.	2.5	105
58	FXR expression is associated with dysregulated glucose and lipid levels in the offspring kidney induced by maternal obesity. <i>Nutrition and Metabolism</i> , 2015, 12, 40.	3.0	30
59	<scp>l</scp>-Carnitine reverses maternal cigarette smoke exposure-induced renal oxidative stress and mitochondrial dysfunction in mouse offspring. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F689-F696.	2.7	37
60	Fetal programming of chronic kidney disease: the role of maternal smoking, mitochondrial dysfunction, and epigenetic modification. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F1189-F1196.	2.7	29
61	Oxidative stress, mitochondrial perturbations and fetal programming of renal disease induced by maternal smoking. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 64, 81-90.	2.8	58
62	The role of KrÃ¼ppelâ€”like factor 4 in transforming growth factorâ€” β 1-induced inflammatory and fibrotic responses in human proximal tubule cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 680-686.	1.9	21
63	Short term exendinâ€”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.	1.6	9
64	A Cationic-Independent Mannose 6-Phosphate Receptor Inhibitor (PXS64) Ameliorates Kidney Fibrosis by Inhibiting Activation of Transforming Growth Factor- β 1. <i>PLoS ONE</i> , 2015, 10, e0116888.	2.5	17
65	The Impact of Maternal Cigarette Smoke Exposure in a Rodent Model on Renal Development in the Offspring. <i>PLoS ONE</i> , 2014, 9, e103443.	2.5	36
66	Semicarbazide-sensitive amine oxidase (SSAO) inhibition ameliorates kidney fibrosis in a unilateral ureteral obstruction murine model. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, F908-F916.	2.7	17
67	In Vivo Study of Spherical Gold Nanoparticles: Inflammatory Effects and Distribution in Mice. <i>PLoS ONE</i> , 2013, 8, e58208.	2.5	152
68	Combined Effects of PPAR β Agonists and Epidermal Growth Factor Receptor Inhibitors in Human Proximal Tubule Cells. <i>PPAR Research</i> , 2013, 2013, 1-8.	2.4	6
69	Plumbagin Ameliorates Diabetic Nephropathy via Interruption of Pathways that Include NOX4 Signalling. <i>PLoS ONE</i> , 2013, 8, e73428.	2.5	39
70	Cigarette Smoking and Brain Regulation of Energy Homeostasis. <i>Frontiers in Pharmacology</i> , 2012, 3, 147.	3.5	53
71	Renal epidermal growth factor receptor: Its role in sodium and water homeostasis in diabetic nephropathy. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2011, 38, 84-88.	1.9	23
72	Differential regulation of Snail by hypoxia and hyperglycemia in human proximal tubule cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1689-1697.	2.8	33

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73	Review article: Importance of the kidney proximal tubular cells in thiazolidinedione-mediated sodium and water uptake. <i>Nephrology</i> , 2009, 14, 298-301.	1.6	26
74	The role of Sgk-1 in the upregulation of transport proteins by PPAR- α agonists in human proximal tubule cells. <i>Nephrology Dialysis Transplantation</i> , 2008, 24, 1130-1141.	0.7	40
75	The role of SGK-1 in angiotensin II-mediated sodium reabsorption in human proximal tubular cells. <i>Nephrology Dialysis Transplantation</i> , 2008, 23, 1834-1843.	0.7	33
76	The interdependence of EGF-R and SGK-1 in fibronectin expression in primary kidney cortical fibroblast cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 1047-1054.	2.8	20
77	High glucose transactivates the EGF receptor and up-regulates serum glucocorticoid kinase in the proximal tubule. <i>Kidney International</i> , 2005, 68, 985-997.	5.2	71
78	Pioglitazone Inhibits Cell Growth and Reduces Matrix Production in Human Kidney Fibroblasts. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 638-645.	6.1	104
79	Cancer cell-associated fibronectin induces release of matrix metalloproteinase-2 from normal fibroblasts. <i>Cancer Research</i> , 2002, 62, 283-9.	0.9	80