Assaad A Eid

List of Publications by Year
in descending order

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75 papers	2,522 citations	218592 26 h-index	206029 48 g-index
78 all docs	78 docs citations	78 times ranked	3755 citing authors

#	Article	IF	Citations
1	Translational Aspects of the Mammalian Target of Rapamycin Complexes in Diabetic Nephropathy. Antioxidants and Redox Signaling, 2022, 37, 802-819.	2.5	4
2	Nox, Nox, Are You There? The Role of NADPH Oxidases in the Peripheral Nervous System. Antioxidants and Redox Signaling, 2022, 37, 613-630.	2.5	11
3	Activation of 20-HETE Synthase Triggers Oxidative Injury and Peripheral Nerve Damage in Type 2 Diabetic Mice. Journal of Pain, 2022, 23, 1371-1388.	0.7	7
4	Influence of intermittent fasting on prediabetes-induced neuropathy: Insights on a novel mechanistic pathway. Metabolism Open, 2022, 14, 100175.	1.4	3
5	Redox Balance in Î²-Thalassemia and Sickle Cell Disease: A Love and Hate Relationship. Antioxidants, 2022, 11, 967.	2.2	5
6	Role of AMPK/mTOR, mitochondria, and ROS in the pathogenesis of endometriosis. Life Sciences, 2022, 306, 120805.	2.0	16
7	Immune checkpoint inhibitors and diabetes: Mechanisms and predictors. Diabetes and Metabolism, 2021, 47, 101193.	1.4	9
8	A Non-Invasive Flexible Glucose Monitoring Sensor Using a Broadband Reject Filter. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2021, 5, 139-147.	2.3	15
9	CYP450 Mediates Reactive Oxygen Species Production in a Mouse Model of Î²-Thalassemia through an Increase in 20-HETE Activity. International Journal of Molecular Sciences, 2021, 22, 1106.	1.8	6
10	Immune Checkpoint Inhibitor-Induced Diabetes Mellitus: Potential Role of T Cells in the Underlying Mechanism. International Journal of Molecular Sciences, 2021, 22, 2093.	1.8	17
11	Peri-renal adipose inflammation contributes to renal dysfunction in a non-obese prediabetic rat model: Role of anti-diabetic drugs. Biochemical Pharmacology, 2021, 186, 114491.	2.0	19
12	Metformin: A Growing Journey from Glycemic Control to the Treatment of Alzheimerâ€™s Disease and Depression. Current Medicinal Chemistry, 2021, 28, 2328-2345.	1.2	15
13	Role of diabetes in lung injury from acute exposure to electronic cigarette, heated tobacco product, and combustible cigarette aerosols in an animal model. PLoS ONE, 2021, 16, e0255876.	1.1	6
14	Reno-Protective Effect of GLP-1 Receptor Agonists in Type1 Diabetes: Dual Action on TRPC6 and NADPH Oxidases. Biomedicines, 2021, 9, 1360.	1.4	11
15	Crosstalk Between SMPDL3b and NADPH Oxidases Mediates Radiation-Induced Damage of Renal Podocytes. Frontiers in Medicine, 2021, 8, 732528.	1.2	4
16	Pharmacological regulation of cytochrome P450 metabolites of arachidonic acid attenuates cardiac injury in diabetic rats. Translational Research, 2021, 235, 85-101.	2.2	16
17	Promising anti-diabetic effect of dextran sulfate sodium: Is it its clinical come back?. Diabetes Research and Clinical Practice, 2020, 159, 107661.	1.1	7
18	The Mitochondria: A Target of Polyphenols in the Treatment of Diabetic Cardiomyopathy. International Journal of Molecular Sciences, 2020, 21, 4962.	1.8	27

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19	Thyroid Dysfunctions Due to Immune Checkpoint Inhibitors: A Review . International Journal of General Medicine, 2020, Volume 13, 1003-1009.	0.8	21
20	Visfatin: A Possible Role in Cardiovasculo-Metabolic Disorders. Cells, 2020, 9, 2444.	1.8	48
21	COVID-19 and diabetes mellitus: how one pandemic worsens the other. Reviews in Endocrine and Metabolic Disorders, 2020, 21, 451-463.	2.6	60
22	Targeting the NADPH Oxidase-4 and Liver X Receptor Pathway Preserves Schwann Cell Integrity in Diabetic Mice. Diabetes, 2020, 69, 448-464.	0.3	25
23	Noninvasive, wearable, and tunable electromagnetic multisensing system for continuous glucose monitoring, mimicking vasculature anatomy. Science Advances, 2020, 6, eaba5320.	4.7	77
24	SuPAR, a potential inflammatory mediator in psoriasis pathogenesis. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 1705-1712.	0.9	2
25	SGLT2 Inhibitors, GLP-1 Agonists, and DPP-4 Inhibitors in Diabetes and Microvascular Complications: A Review. International Journal of Endocrinology, 2020, 2020, 1-11.	0.6	29
26	Modulation of radiationâ€induced damage of human glomerular endothelial cells by SMPDL3B. FASEB Journal, 2020, 34, 7915-7926.	0.2	13
27	Immunomodulatory Approaches in Diabetes-Induced Cardiorenal Syndromes. Frontiers in Cardiovascular Medicine, 2020, 7, 630917.	1.1	3
28	Butyrate modulates diabetes-linked gut dysbiosis: epigenetic and mechanistic modifications. Journal of Molecular Endocrinology, 2020, 64, 29-42.	1.1	45
29	NETosis contributes to the pathogenesis of diabetes and its complications. Journal of Molecular Endocrinology, 2020, 65, R65-R76.	1.1	56
30	Role of the Nox4/AMPK/mTOR signaling axe in adipose inflammation-induced kidney injury. Clinical Science, 2020, 134, 403-417.	1.8	3
31	Amelioration of perivascular adipose inflammation reverses vascular dysfunction in a model of nonobese prediabetic metabolic challenge: potential role of antidiabetic drugs. Translational Research, 2019, 214, 121-143.	2.2	27
32	Loss of ferrochelatase is protective against colon cancer cells: ferrochelatase a possible regulator of the long noncoding RNA H19. Journal of Gastrointestinal Oncology, 2019, 10, 859-868.	0.6	7
33	Unmasking the interplay between mTOR and Nox4: novel insights into the mechanism connecting diabetes and cancer. FASEB Journal, 2019, 33, 14051-14066.	0.2	18
34	Ghrelin modulates intracellular signalling pathways that are critical for podocyte survival. Cell Biochemistry and Function, 2019, 37, 245-255.	1.4	8
35	Novel triazine-based pyrimidines suppress glomerular mesangial cells proliferation and matrix protein accumulation through a ROS-dependent mechanism in the diabetic milieu. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1580-1585.	1.0	7
36	A novel therapeutic approach to colorectal cancer in diabetes: role of metformin and rapamycin. Oncotarget, 2019, 10, 1284-1305.	0.8	8

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37	MicroRNAs as Potential Pharmaco-targets in Ischemia-Reperfusion Injury Compounded by Diabetes. Cells, 2019, 8, 152.	1.8	41
38	7-O-methylpunctatin, a Novel Homoisoflavonoid, Inhibits Phenotypic Switch of Human Arteriolar Smooth Muscle Cells. Biomolecules, 2019, 9, 716.	1.8	8
39	Cadmium Induces Migration of Colon Cancer Cells: Roles of Reactive Oxygen Species, P38 and Cyclooxygenase-2. Cellular Physiology and Biochemistry, 2019, 52, 1517-1534.	1.1	26
40	Amygdalin improves burn wound healing in diabetic rats. FASEB Journal, 2019, 33, .	0.2	2
41	Metabolic Stressâ€Induced Renal Endothelial Dysfunction. FASEB Journal, 2019, 33, 512.12.	0.2	1
42	Homeostatic effect of laughter on diabetic cardiovascular complications: The myth turned to fact. Diabetes Research and Clinical Practice, 2018, 135, 111-119.	1.1	6
43	Liver X Receptor exerts a protective effect against the oxidative stress in the peripheral nerve. Scientific Reports, 2018, 8, 2524.	1.6	32
44	Gut microbiota and mTOR signaling: Insight on a new pathophysiological interaction. Microbial Pathogenesis, 2018, 118, 98-104.	1.3	67
45	Transforming growth factor-Î²1 and phosphatases modulate COX-2 protein expression and TAU phosphorylation in cultured immortalized podocytes. Inflammation Research, 2018, 67, 191-201.	1.6	6
46	Estrogen in vascular smooth muscle cells: A friend or a foe?. Vascular Pharmacology, 2018, 111, 15-21.	1.0	28
47	SuPAR, an emerging biomarker in kidney and inflammatory diseases. Postgraduate Medical Journal, 2018, 94, 517-524.	0.9	36
48	Molecular basis of the counteraction by calcium channel blockers of cyclosporine nephrotoxicity. American Journal of Physiology - Renal Physiology, 2018, 315, F572-F582.	1.3	10
49	CYP4A/CYP2C modulation of the interaction of calcium channel blockers with cyclosporine on EDHF-mediated renal vasodilations in rats. Toxicology and Applied Pharmacology, 2017, 334, 110-119.	1.3	15
50	Traumatic brain injury, diabetic neuropathy and altered-psychiatric health: The fateful triangle. Medical Hypotheses, 2017, 108, 69-80.	0.8	15
51	Paraquat Induces Peripheral Myelin Disruption and Locomotor Defects: Crosstalk with LXR and Wnt Pathways. Antioxidants and Redox Signaling, 2017, 27, 168-183.	2.5	22
52	Translational Aspects of Sphingolipid Metabolism in Renal Disorders. International Journal of Molecular Sciences, 2017, 18, 2528.	1.8	22
53	Sestrin2 as a Novel Biomarker and Therapeutic Target for Various Diseases. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-10.	1.9	117
54	mTORC2 Signaling Regulates Nox4-Induced Podocyte Depletion in Diabetes. Antioxidants and Redox Signaling, 2016, 25, 703-719.	2.5	57

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55	Temporal cardiac remodeling post-myocardial infarction: dynamics and prognostic implications in personalized medicine. Heart Failure Reviews, 2016, 21, 25-47.	1.7	18
56	Novel carbocyclic nucleoside analogs suppress glomerular mesangial cells proliferation and matrix protein accumulation through ROS-dependent mechanism in the diabetic milieu. II. Acylhydrazone-functionalized pyrimidines. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1020-1024.	1.0	6
57	Primary versus castration-resistant prostate cancer: modeling through novel murine prostate cancer cell lines. Oncotarget, 2016, 7, 28961-28975.	0.8	40
58	Metformin and Ara-a Effectively Suppress Brain Cancer by Targeting Cancer Stem/Progenitor Cells. Frontiers in Neuroscience, 2015, 9, 442.	1.4	46
59	A Unique Expression of Keratin 14 in a Subset of Trophoblast Cells. PLoS ONE, 2015, 10, e0139939.	1.1	13
60	Thiazole derivatives as inhibitors of cyclooxygenases in vitro and in vivo. European Journal of Pharmacology, 2015, 750, 66-73.	1.7	18
61	Novel Approach to Reactive Oxygen Species in Nontransfusion-Dependent Thalassemia. BioMed Research International, 2014, 2014, 1-8.	0.9	17
62	Colorectal and Prostate Cancer Risk in Diabetes: Metformin, an Actor behind the Scene. Journal of Cancer, 2014, 5, 736-744.	1.2	32
63	Berberis libanotica Ehrenb Extract Shows Anti-Neoplastic Effects on Prostate Cancer Stem/Progenitor Cells. PLoS ONE, 2014, 9, e112453.	1.1	37
64	Novel carbocyclic nucleoside analogs suppress glomerular mesangial cells proliferation and matrix protein accumulation through ROS-dependent mechanism in the diabetic milieu. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 174-178.	1.0	9
65	Nox4 NADPH Oxidase Mediates Peroxynitrite-dependent Uncoupling of Endothelial Nitric-oxide Synthase and Fibronectin Expression in Response to Angiotensin II. Journal of Biological Chemistry, 2013, 288, 28668-28686.	1.6	110
66	Mammalian Target of Rapamycin Regulates Nox4-Mediated Podocyte Depletion in Diabetic Renal Injury. Diabetes, 2013, 62, 2935-2947.	0.3	119
67	Sestrin 2 and AMPK Connect Hyperglycemia to Nox4-Dependent Endothelial Nitric Oxide Synthase Uncoupling and Matrix Protein Expression. Molecular and Cellular Biology, 2013, 33, 3439-3460.	1.1	114
68	20-HETE and EETs in Diabetic Nephropathy: A Novel Mechanistic Pathway. PLoS ONE, 2013, 8, e70029.	1.1	50
69	Estrogens Control Inflammatory Mediators in Experimental Colitis. FASEB Journal, 2013, 27, 523.12.	0.2	0
70	Nox4-derived reactive oxygen species mediate cardiomyocyte injury in early type 1 diabetes. American Journal of Physiology - Cell Physiology, 2012, 302, C597-C604.	2.1	108
71	Nox4 Mediates Renal Cell Carcinoma Cell Invasion through Hypoxia-Induced Interleukin 6- and 8-Production. PLoS ONE, 2012, 7, e30712.	1.1	88
72	AMP-activated Protein Kinase (AMPK) Negatively Regulates Nox4-dependent Activation of p53 and Epithelial Cell Apoptosis in Diabetes. Journal of Biological Chemistry, 2010, 285, 37503-37512.	1.6	222

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73	The NADPH Oxidase Subunit p22 Inhibits the Function of the Tumor Suppressor Protein Tuberin. American Journal of Pathology, 2010, 176, 2447-2455.	1.9	40
74	Mechanisms of Podocyte Injury in Diabetes. Diabetes, 2009, 58, 1201-1211.	0.3	265
75	Epigenetics of Diabetic Nephropathy: From Biology to Therapeutics. European Medical Journal (Chelmsford, England), 0, , 48-57.	3.0	3