# Assaad A Eid

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4120892/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 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 | Mechanisms of Podocyte Injury in Diabetes. Diabetes, 2009, 58, 1201-1211. | 0.3 | 265 |
| 2 | 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 |
| 3 | Mammalian Target of Rapamycin Regulates Nox4-Mediated Podocyte Depletion in Diabetic Renal Injury. Diabetes, 2013, 62, 2935-2947. | 0.3 | 119 |
| 4 | Sestrin2 as a Novel Biomarker and Therapeutic Target for Various Diseases. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-10. | 1.9 | 117 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Nox4 Mediates Renal Cell Carcinoma Cell Invasion through Hypoxia-Induced Interleukin 6- and 8-Production. PLoS ONE, 2012, 7, e30712. | 1.1 | 88 |
| 9 | Noninvasive, wearable, and tunable electromagnetic multisensing system for continuous glucose monitoring, mimicking vasculature anatomy. Science Advances, 2020, 6, eaba5320. | 4.7 | 77 |
| 10 | Gut microbiota and mTOR signaling: Insight on a new pathophysiological interaction. Microbial Pathogenesis, 2018, 118, 98-104. | 1.3 | 67 |
| 11 | COVID-19 and diabetes mellitus: how one pandemic worsens the other. Reviews in Endocrine and Metabolic Disorders, 2020, 21, 451-463. | 2.6 | 60 |
| 12 | mTORC2 Signaling Regulates Nox4-Induced Podocyte Depletion in Diabetes. Antioxidants and Redox Signaling, 2016, 25, 703-719. | 2.5 | 57 |
| 13 | NETosis contributes to the pathogenesis of diabetes and its complications. Journal of Molecular Endocrinology, 2020, 65, R65-R76. | 1.1 | 56 |
| 14 | 20-HETE and EETs in Diabetic Nephropathy: A Novel Mechanistic Pathway. PLoS ONE, 2013, 8, e70029. | 1.1 | 50 |
| 15 | Visfatin: A Possible Role in Cardiovasculo-Metabolic Disorders. Cells, 2020, 9, 2444. | 1.8 | 48 |
| 16 | Metformin and Ara-a Effectively Suppress Brain Cancer by Targeting Cancer Stem/Progenitor Cells. Frontiers in Neuroscience, 2015, 9, 442. | 1.4 | 46 |
| 17 | Butyrate modulates diabetes-linked gut dysbiosis: epigenetic and mechanistic modifications. Journal of Molecular Endocrinology, 2020, 64, 29-42. | 1.1 | 45 |
| 18 | MicroRNAs as Potential Pharmaco-targets in Ischemia-Reperfusion Injury Compounded by Diabetes. Cells, 2019, 8, 152. | 1.8 | 41 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | Primary versus castration-resistant prostate cancer: modeling through novel murine prostate cancer cell lines. Oncotarget, 2016, 7, 28961-28975. | 0.8 | 40 |
| 21 | Berberis libanotica Ehrenb Extract Shows Anti-Neoplastic Effects on Prostate Cancer Stem/Progenitor Cells. PLoS ONE, 2014, 9, e112453. | 1.1 | 37 |
| 22 | SuPAR, an emerging biomarker in kidney and inflammatory diseases. Postgraduate Medical Journal, 2018, 94, 517-524. | 0.9 | 36 |
| 23 | Colorectal and Prostate Cancer Risk in Diabetes: Metformin, an Actor behind the Scene. Journal of Cancer, 2014, 5, 736-744. | 1.2 | 32 |
| 24 | Liver X Receptor exerts a protective effect against the oxidative stress in the peripheral nerve. Scientific Reports, 2018, 8, 2524. | 1.6 | 32 |
| 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 | Estrogen in vascular smooth muscle cells: A friend or a foe?. Vascular Pharmacology, 2018, 111, 15-21. | 1.0 | 28 |
| 27 | 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 |
| 28 | The Mitochondria: A Target of Polyphenols in the Treatment of Diabetic Cardiomyopathy. International Journal of Molecular Sciences, 2020, 21, 4962. | 1.8 | 27 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | Translational Aspects of Sphingolipid Metabolism in Renal Disorders. International Journal of Molecular Sciences, 2017, 18, 2528. | 1.8 | 22 |
| 33 | <p>Thyroid Dysfunctions Due to Immune Checkpoint Inhibitors: A Review</p>. International Journal of General Medicine, 2020, Volume 13, 1003-1009. | 0.8 | 21 |
| 34 | 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 |
| 35 | Thiazole derivatives as inhibitors of cyclooxygenases in vitro and in vivo. European Journal of Pharmacology, 2015, 750, 66-73. | 1.7 | 18 |
| 36 | Temporal cardiac remodeling post-myocardial infarction: dynamics and prognostic implications in personalized medicine. Heart Failure Reviews, 2016, 21, 25-47. | 1.7 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | 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 |
| 38 | Novel Approach to Reactive Oxygen Species in Nontransfusion-Dependent Thalassemia. BioMed Research International, 2014, 2014, 1-8. | 0.9 | 17 |
| 39 | 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 |
| 40 | Pharmacological regulation of cytochrome P450 metabolites of arachidonic acid attenuates cardiac injury in diabetic rats. Translational Research, 2021, 235, 85-101. | 2.2 | 16 |
| 41 | Role of AMPK/mTOR, mitochondria, and ROS in the pathogenesis of endometriosis. Life Sciences, 2022, 306, 120805. | 2.0 | 16 |
| 42 | 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 |
| 43 | Traumatic brain injury, diabetic neuropathy and altered-psychiatric health: The fateful triangle. Medical Hypotheses, 2017, 108, 69-80. | 0.8 | 15 |
| 44 | 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 |
| 45 | 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 |
| 46 | A Unique Expression of Keratin 14 in a Subset of Trophoblast Cells. PLoS ONE, 2015, 10, e0139939. | 1.1 | 13 |
| 47 | Modulation of radiationâ€induced damage of human glomerular endothelial cells by SMPDL3B. FASEB Journal, 2020, 34, 7915-7926. | 0.2 | 13 |
| 48 | 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 |
| 49 | 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 |
| 50 | 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 |
| 51 | 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 |
| 52 | Immune checkpoint inhibitors and diabetes: Mechanisms and predictors. Diabetes and Metabolism, 2021, 47, 101193. | 1.4 | 9 |
| 53 | Ghrelin modulates intracellular signalling pathways that are critical for podocyte survival. Cell Biochemistry and Function, 2019, 37, 245-255. | 1.4 | 8 |
| 54 | A novel therapeutic approach to colorectal cancer in diabetes: role of metformin and rapamycin. Oncotarget, 2019, 10, 1284-1305. | 0.8 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | 7-O-methylpunctatin, a Novel Homoisoflavonoid, Inhibits Phenotypic Switch of Human Arteriolar Smooth Muscle Cells. Biomolecules, 2019, 9, 716. | 1.8 | 8 |
| 56 | 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 |
| 57 | 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 |
| 58 | 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 |
| 59 | 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 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |
| 63 | 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 |
| 64 | 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 |
| 65 | Redox Balance in Î²-Thalassemia and Sickle Cell Disease: A Love and Hate Relationship. Antioxidants, 2022, 11, 967. | 2.2 | 5 |
| 66 | Translational Aspects of the Mammalian Target of Rapamycin Complexes in Diabetic Nephropathy. Antioxidants and Redox Signaling, 2022, 37, 802-819. | 2.5 | 4 |
| 67 | Crosstalk Between SMPDL3b and NADPH Oxidases Mediates Radiation-Induced Damage of Renal Podocytes. Frontiers in Medicine, 2021, 8, 732528. | 1.2 | 4 |
| 68 | Immunomodulatory Approaches in Diabetes-Induced Cardiorenal Syndromes. Frontiers in Cardiovascular Medicine, 2020, 7, 630917. | 1.1 | 3 |
| 69 | Role of the Nox4/AMPK/mTOR signaling axe in adipose inflammation-induced kidney injury. Clinical Science, 2020, 134, 403-417. | 1.8 | 3 |
| 70 | Epigenetics of Diabetic Nephropathy: From Biology to Therapeutics. European Medical Journal (Chelmsford, England), 0, , 48-57. | 3.0 | 3 |
| 71 | Influence of intermittent fasting on prediabetes-induced neuropathy: Insights on a novel mechanistic pathway. Metabolism Open, 2022, 14, 100175. | 1.4 | 3 |
| 72 | SuPAR, a potential inflammatory mediator in psoriasis pathogenesis. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 1705-1712. | 0.9 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Amygdalin improves burn wound healing in diabetic rats. FASEB Journal, 2019, 33, . | 0.2 | 2 |
| 74 | Metabolic Stressâ€Induced Renal Endothelial Dysfunction. FASEB Journal, 2019, 33, 512.12. | 0.2 | 1 |
| 75 | Estrogens Control Inflammatory Mediators in Experimental Colitis. FASEB Journal, 2013, 27, 523.12. | 0.2 | 0 |