# Rajaa El Bekay

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8775812/publications.pdf

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|---|---|---|---|
| 56 papers | 2,237 citations | 218381 26 h-index | 223531 46 g-index |
| 60 all docs | 60 docs citations | 60 times ranked | 3830 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Prognostic stratification of older patients with multivessel coronary artery disease treated with percutaneous transluminal coronary angioplasty based on clinical and biochemical measures: protocol for a prospective cohort study. BMJ Open, 2022, 12, e058042. | 0.8 | 1 |
| 2 | miR-21 mimic blocks obesity in mice: A novel therapeutic option. Molecular Therapy - Nucleic Acids, 2021, 26, 401-416. | 2.3 | 20 |
| 3 | The Role of Autophagy in White Adipose Tissue Function: Implications for Metabolic Health. Metabolites, 2020, 10, 179. | 1.3 | 46 |
| 4 | miR-21/Gemini surfactant-capped gold nanoparticles as potential therapeutic complexes: Synthesis, characterization and in vivo nanotoxicity probes. Journal of Molecular Liquids, 2020, 313, 113577. | 2.3 | 9 |
| 5 | Adipose tissue depotâ€specific intracellular and extracellular cues contributing to insulin resistance in obese individuals. FASEB Journal, 2020, 34, 7520-7539. | 0.2 | 30 |
| 6 | miRâ€20b, miRâ€296, and Letâ€7f Expression in Human Adipose Tissue is Related to Obesity and Type 2 Diabetes. Obesity, 2019, 27, 245-254. | 1.5 | 21 |
| 7 | Metabolic endotoxemia promotes adipose dysfunction and inflammation in human obesity. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E319-E332. | 1.8 | 58 |
| 8 | Differences in the neovascular potential of thymus versus subcutaneous adiposeâ€derived stem cells from patients with myocardial ischaemia. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e1772-e1784. | 1.3 | 2 |
| 9 | Inflammatory gene expression in adipose tissue according to diagnosis of anxiety and mood disorders in obese and non-obese subjects. Scientific Reports, 2018, 8, 17518. | 1.6 | 11 |
| 10 | Involvement of acetyl-CoA-producing enzymes in the deterioration of the functional potential of adipose-derived multipotent cells from subjects with metabolic syndrome. Metabolism: Clinical and Experimental, 2018, 88, 12-21. | 1.5 | 3 |
| 11 | Prevalence of nephropathy in type 1 diabetes in the Arab world: A systematic review and metaâ€analysis. Diabetes/Metabolism Research and Reviews, 2018, 34, e3026. | 1.7 | 5 |
| 12 | Neovascular deterioration, impaired NADPH oxidase and inflammatory cytokine expression in adipose-derived multipotent cells from subjects with metabolic syndrome. Metabolism: Clinical and Experimental, 2017, 71, 132-143. | 1.5 | 10 |
| 13 | Severe neurological manifestations in an Egyptian patient with a novel frameshift mutation in the Glutaryl-CoA dehydrogenase gene. Metabolic Brain Disease, 2017, 32, 35-40. | 1.4 | 7 |
| 14 | Two patients with Canavan disease and structural modeling of a novel mutation. Metabolic Brain Disease, 2017, 32, 171-177. | 1.4 | 32 |
| 15 | Different response to hypoxia of adipose-derived multipotent cells from obese subjects with and without metabolic syndrome. PLoS ONE, 2017, 12, e0188324. | 1.1 | 10 |
| 16 | An Abnormal Nitric Oxide Metabolism Contributes to Brain Oxidative Stress in the Mouse Model for the Fragile X Syndrome, a Possible Role in Intellectual Disability. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-12. | 1.9 | 17 |
| 17 | Effects of glucagonâ€like peptideâ€1 on the differentiation and metabolism of human adipocytes. British Journal of Pharmacology, 2016, 173, 1820-1834. | 2.7 | 41 |
| 18 | Genetic Epidemiology of Glucose-6-Phosphate Dehydrogenase Deficiency in the Arab World. Scientific Reports, 2016, 6, 37284. | 1.6 | 54 |

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|---|---|---|---|
| 19 | Adipogenic impairment of adipose tissue-derived mesenchymal stem cells in subjects with metabolic syndrome: possible protective role of FGF2. Journal of Clinical Endocrinology and Metabolism, 2016, 102, jc.2016-2256. | 1.8 | 22 |
| 20 | An Arab registry for type 1 diabetes: global benefits for type 1 diabetes patients. Current Medical Research and Opinion, 2016, 32, 1681-1684. | 0.9 | 13 |
| 21 | RPL13A and EEF1A1 Are Suitable Reference Genes for qPCR during Adipocyte Differentiation of Vascular Stromal Cells from Patients with Different BMI and HOMA-IR. PLoS ONE, 2016, 11, e0157002. | 1.1 | 27 |
| 22 | Myocardial Ischemic Subjectâ€™s Thymus Fat: A Novel Source of Multipotent Stromal Cells. PLoS ONE, 2015, 10, e0144401. | 1.1 | 5 |
| 23 | Proteasome Dysfunction Associated to Oxidative Stress and Proteotoxicity in Adipocytes Compromises Insulin Sensitivity in Human Obesity. Antioxidants and Redox Signaling, 2015, 23, 597-612. | 2.5 | 68 |
| 24 | Parathyroid Hormone-Related Protein, Human Adipose-Derived Stem Cells Adipogenic Capacity and Healthy Obesity. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E826-E835. | 1.8 | 11 |
| 25 | Differences in the Osteogenic Differentiation Capacity of Omental Adipose-Derived Stem Cells in Obese Patients With and Without Metabolic Syndrome. Endocrinology, 2015, 156, 4492-4501. | 1.4 | 28 |
| 26 | Cannabinoid CB1 receptors and mTORC1 signalling pathway interact to modulate glucose homeostasis. DMM Disease Models and Mechanisms, 2015, 9, 51-61. | 1.2 | 28 |
| 27 | <scp>GLP</scp>â€1 and peptide <scp>YY</scp> secretory response after fat load is impaired by insulin resistance, impaired fasting glucose and type 2 diabetes in morbidly obese subjects. Clinical Endocrinology, 2014, 80, 671-676. | 1.2 | 24 |
| 28 | Caspase Induction and BCL2 Inhibition in Human Adipose Tissue. Diabetes Care, 2013, 36, 513-521. | 4.3 | 56 |
| 29 | Thymus fat as an attractive source of angiogenic factors in elderly subjects with myocardial ischemia. Age, 2013, 35, 1263-1275. | 3.0 | 5 |
| 30 | Histamine production by human neutrophils. FASEB Journal, 2013, 27, 2902-2910. | 0.2 | 48 |
| 31 | Munc18c in Adipose Tissue Is Downregulated in Obesity and Is Associated with Insulin. PLoS ONE, 2013, 8, e63937. | 1.1 | 16 |
| 32 | Calcineurin expression and activity is regulated by the intracellular redox status and under hypertension in human neutrophils. Journal of Endocrinology, 2012, 214, 399-408. | 1.2 | 3 |
| 33 | Obesity-associated insulin resistance is correlated to adipose tissue vascular endothelial growth factors and metalloproteinase levels. BMC Physiology, 2012, 12, 4. | 3.6 | 74 |
| 34 | Progression from High Insulin Resistance to Type 2 Diabetes Does Not Entail Additional Visceral Adipose Tissue Inflammation. PLoS ONE, 2012, 7, e48155. | 1.1 | 36 |
| 35 | Study of the Potential Association of Adipose Tissue GLP-1 Receptor with Obesity and Insulin Resistance. Endocrinology, 2011, 152, 4072-4079. | 1.4 | 121 |
| 36 | Influence of a fat overload on lipogenic regulators in metabolic syndrome patients. British Journal of Nutrition, 2011, 105, 895-901. | 1.2 | 7 |

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|---|---|---|---|
| 37 | The obese healthy paradox: is inflammation the answer?. Biochemical Journal, 2010, 430, 141-149. | 1.7 | 151 |
| 38 | Angiotensin II induces CD62L shedding in human neutrophils. Atherosclerosis, 2010, 209, 344-351. | 0.4 | 9 |
| 39 | VEGF Gene Expression in Adult Human Thymus Fat: A Correlative Study with Hypoxic Induced Factor and Cyclooxigenase-2. PLoS ONE, 2009, 4, e8213. | 1.1 | 13 |
| 40 | Angiogenic properties of adult human thymus fat. Cell and Tissue Research, 2009, 338, 313-318. | 1.5 | 11 |
| 41 | Protective effects of melatonin against oxidative stress in Fmr1 knockout mice: a therapeutic research model for the fragile X syndrome. Journal of Pineal Research, 2009, 46, 224-234. | 3.4 | 38 |
| 42 | Î±-Tocopherol Protects Against Oxidative Stress in the Fragile X Knockout Mouse: an Experimental Therapeutic Approach for the Fmr1 Deficiency. Neuropsychopharmacology, 2009, 34, 1011-1026. | 2.8 | 112 |
| 43 | Heme oxygenase-1 expression is down-regulated by angiotensin II and under hypertension in human neutrophils. Journal of Leukocyte Biology, 2008, 84, 397-405. | 1.5 | 23 |
| 44 | Expression of the transcription factor NFAT2 in human neutrophils: IgE-dependent, Ca2+- and calcineurin-mediated NFAT2 activation. Journal of Cell Science, 2007, 120, 2328-2337. | 1.2 | 25 |
| 45 | Neutrophils as a Novel Source of Eosinophil Cationic Protein in IgE-Mediated Processes. Journal of Immunology, 2007, 179, 2634-2641. | 0.4 | 53 |
| 46 | Rac2 GTPase activation by angiotensin II is modulated by Ca2+/calcineurin and mitogen-activated protein kinases in human neutrophils. Journal of Molecular Endocrinology, 2007, 39, 351-363. | 1.1 | 18 |
| 47 | Enhanced markers of oxidative stress, altered antioxidants and NADPHâ€oxidase activation in brains from Fragileâ€ƒX mental retardationâ€ƒ1â€deficient mice, a pathological model for Fragileâ€ƒX syndrome. European Journal of Neuroscience, 2007, 26, 3169-3180. | 1.2 | 69 |
| 48 | Modulation of IgE-dependent COX-2 gene expression by reactive oxygen species in human neutrophils. Journal of Leukocyte Biology, 2006, 80, 152-163. | 1.5 | 29 |
| 49 | Induction of cyclooxygenase-2 expression by allergens in lymphocytes from allergic patients. European Journal of Immunology, 2005, 35, 2313-2324. | 1.6 | 16 |
| 50 | 15-Deoxy-Î”12,14-prostaglandin J2 Induces Heme Oxygenase-1 Gene Expression in a Reactive Oxygen Species-dependent Manner in Human Lymphocytes. Journal of Biological Chemistry, 2004, 279, 21929-21937. | 1.6 | 100 |
| 51 | Human neutrophils synthesize IL-8 in an IgE-mediated activation. Journal of Leukocyte Biology, 2004, 76, 692-700. | 1.5 | 28 |
| 52 | A new role for monoamine oxidases in the modulation of macrophage-inducible nitric oxide synthase gene expression. Journal of Leukocyte Biology, 2004, 75, 1093-1101. | 1.5 | 18 |
| 53 | Stimulators of AMP-activated protein kinase inhibit the respiratory burst in human neutrophils. FEBS Letters, 2004, 573, 219-225. | 1.3 | 90 |
| 54 | Homocysteine enhances superoxide anion release and NADPH oxidase assembly by human neutrophils. Effects on MAPK activation and neutrophil migration. Atherosclerosis, 2004, 172, 229-238. | 0.4 | 66 |

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| 55 | Oxidative stress is a critical mediator of the angiotensin II signal in human neutrophils: involvement of mitogen-activated protein kinase, calcineurin, and the transcription factor NF-ÎºB. Blood, 2003, 102, 662-671. | 0.6 | 155 |
| 56 | Oxidative Stress Triggers STAT3 Tyrosine Phosphorylation and Nuclear Translocation in Human Lymphocytes. Journal of Biological Chemistry, 1999, 274, 17580-17586. | 1.6 | 235 |