# Laura Gabriela SÃ¡nchez Lozada

List of Publications by Year
in descending order



| 83 | 5,064 | 117625 34 | 91884 69 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 83 | 83 | 83 | 6325 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 1 | Climate change and nephrology. Nephrology Dialysis Transplantation, 2023, 38, 41-48. | 0.7 | 21 |
| 2 | A ketogenic diet attenuates acute and chronic ischemic kidney injury and reduces markers of oxidative stress and inflammation. Life Sciences, 2022, 289, 120227. | 4.3 | 18 |
| 3 | Extracellular Vesicles in Redox Signaling and Metabolic Regulation in Chronic Kidney Disease. Antioxidants, 2022, 11, 356. | 5.1 | 9 |
| 4 | Sirtuin deficiency and the adverse effects of fructose and uric acid synthesis. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2022, 322, R347-R359. | 1.8 | 4 |
| 5 | Current Hydration Habits: The Disregarded Factor for the Development of Renal and Cardiometabolic Diseases. Nutrients, 2022, 14, 2070. | 4.1 | 5 |
| 6 | Vasopressin mediates fructose-induced metabolic syndrome by activating the V1b receptor. JCI Insight, 2021, 6, . | 5.0 | 32 |
| 7 | Osthol Ameliorates Kidney Damage and Metabolic Syndrome Induced by a High-Fat/High-Sugar Diet. International Journal of Molecular Sciences, 2021, 22, 2431. | 4.1 | 12 |
| 8 | Hyperuricemia and chronic kidney disease: to treat or not to treat. Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia, 2021, 43, 572-579. | 0.9 | 16 |
| 9 | Progressive Reduction in Mitochondrial Mass Is Triggered by Alterations in Mitochondrial Biogenesis and Dynamics in Chronic Kidney Disease Induced by 5/6 Nephrectomy. Biology, 2021, 10, 349. | 2.8 | 12 |
| 10 | High fructose exposure modifies the amount of adipocyte-secreted microRNAs into extracellular vesicles in supernatants and plasma. PeerJ, 2021, 9, e11305. | 2.0 | 0 |
| 11 | The Speed of Ingestion of a Sugary Beverage Has an Effect on the Acute Metabolic Response to Fructose. Nutrients, 2021, 13, 1916. | 4.1 | 12 |
| 12 | Temporal characterization of mitochondrial impairment in the unilateral ureteral obstruction model in rats. Free Radical Biology and Medicine, 2021, 172, 358-371. | 2.9 | 15 |
| 13 | Mitochondrial Transplantation: Is It a Feasible Therapy to Prevent the Cardiorenal Side Effects of Cisplatin?. Future Pharmacology, 2021, 1, 3-26. | 1.8 | 5 |
| 14 | Umami-induced obesity and metabolic syndrome is mediated by nucleotide degradation and uric acid generation. Nature Metabolism, 2021, 3, 1189-1201. | 11.9 | 33 |
| 15 | Mini Review: Reappraisal of Uric Acid in Chronic Kidney Disease. American Journal of Nephrology, 2021, 52, 837-844. | 3.1 | 16 |
| 16 | Fructose tolerance test in obese people with and without type 2 diabetes. Journal of Diabetes, 2020, 12, 197-204. | 1.8 | 5 |
| 17 | Effects of Allicin on Pathophysiological Mechanisms during the Progression of Nephropathy Associated to Diabetes. Antioxidants, 2020, 9, 1134. | 5.1 | 23 |
| 18 | Temporal Alterations in Mitochondrial Î²-Oxidation and Oxidative Stress Aggravate Chronic Kidney Disease Development in 5/6 Nephrectomy Induced Renal Damage. International Journal of Molecular Sciences, 2020, 21, 6512. | 4.1 | 15 |

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|---|---|---|---|
| 19 | Fluid Intake Restriction Concomitant to Sweetened Beverages Hydration Induce Kidney Damage. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-11. | 4.0 | 4 |
| 20 | Restricted Water Intake and Hydration with Fructose-Containing Beverages during Infancy Predispose to Aggravate an Acute Renal Ischemic Insult in Adolescent Rats. BioMed Research International, 2020, 2020, 1-10. | 1.9 | 3 |
| 21 | Protection against renal ischemia and reperfusion injury by short-term time-restricted feeding involves the mitochondrial unfolded protein response. Free Radical Biology and Medicine, 2020, 154, 75-83. | 2.9 | 16 |
| 22 | Hyperosmolarity and Increased Serum Sodium Concentration Are Risks for Developing Hypertension Regardless of Salt Intake: A Five-Year Cohort Study in Japan. Nutrients, 2020, 12, 1422. | 4.1 | 12 |
| 23 | Chronic impairment of mitochondrial bioenergetics and Î²-oxidation promotes experimental AKI-to-CKD transition induced by folic acid. Free Radical Biology and Medicine, 2020, 154, 18-32. | 2.9 | 38 |
| 24 | Fructose Production and Metabolism in the Kidney. Journal of the American Society of Nephrology: JASN, 2020, 31, 898-906. | 6.1 | 50 |
| 25 | The case for uric acid-lowering treatment in patients with hyperuricaemia and CKD. Nature Reviews Nephrology, 2019, 15, 767-775. | 9.6 | 122 |
| 26 | Allopurinol Prevents the Lipogenic Response Induced by an Acute Oral Fructose Challenge in Short-Term Fructose Fed Rats. Biomolecules, 2019, 9, 601. | 4.0 | 13 |
| 27 | Mechanisms of Fasting-Mediated Protection against Renal Injury and Fibrosis Development after Ischemic Acute Kidney Injury. Biomolecules, 2019, 9, 404. | 4.0 | 12 |
| 28 | High Fructose Intake and Adipogenesis. International Journal of Molecular Sciences, 2019, 20, 2787. | 4.1 | 35 |
| 29 | Fasting reduces oxidative stress, mitochondrial dysfunction and fibrosis induced by renal ischemia-reperfusion injury. Free Radical Biology and Medicine, 2019, 135, 60-67. | 2.9 | 40 |
| 30 | A Role for Both V1a and V2 Receptors in Renal Heat Stress Injury Amplified by Rehydration with Fructose. International Journal of Molecular Sciences, 2019, 20, 5764. | 4.1 | 8 |
| 31 | Protective effects of N-acetyl-cysteine in mitochondria bioenergetics, oxidative stress, dynamics and S-glutathionylation alterations in acute kidney damage induced by folic acid. Free Radical Biology and Medicine, 2019, 130, 379-396. | 2.9 | 87 |
| 32 | The Pathophysiology of Uric Acid on Renal Diseases. Contributions To Nephrology, 2018, 192, 17-24. | 1.1 | 18 |
| 33 | Uric Acid as a Cause of the Metabolic Syndrome. Contributions To Nephrology, 2018, 192, 88-102. | 1.1 | 108 |
| 34 | Sulforaphane prevents maleic acid-induced nephropathy by modulating renal hemodynamics, mitochondrial bioenergetics and oxidative stress. Food and Chemical Toxicology, 2018, 115, 185-197. | 3.6 | 25 |
| 35 | Kidney Injury from Recurrent Heat Stress and Rhabdomyolysis: Protective Role of Allopurinol and Sodium Bicarbonate. American Journal of Nephrology, 2018, 48, 339-348. | 3.1 | 19 |
| 36 | Immunomodulatory Effects of the Nutraceutical Garlic Derivative Allicin in the Progression of Diabetic Nephropathy. International Journal of Molecular Sciences, 2018, 19, 3107. | 4.1 | 33 |

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|---|---|---|---|
| 37 | Experimental heat stress nephropathy and liver injury are improved by allopurinol. American Journal of Physiology - Renal Physiology, 2018, 315, F726-F733. | 2.7 | 36 |
| 38 | Mitochondrial bioenergetics, redox state, dynamics and turnover alterations in renal mass reduction models of chronic kidney diseases and their possible implications in the progression of this illness. Pharmacological Research, 2018, 135, 1-11. | 7.1 | 42 |
| 39 | Probiotic supplements prevented oxonic acid-induced hyperuricemia and renal damage. PLoS ONE, 2018, 13, e0202901. | 2.5 | 57 |
| 40 | Type 2 Diabetes Mellitus is Associated with Carotid Artery Plaques in Patients with Premature Coronary Heart Disease. Revista De Investigacion Clinica, 2018, 70, 301-309. | 0.4 | 2 |
| 41 | Role of fructose and fructokinase in acute dehydration-induced vasopressin gene expression and secretion in mice. Journal of Neurophysiology, 2017, 117, 646-654. | 1.8 | 44 |
| 42 | Pathophysiologic insight into MesoAmerican nephropathy. Current Opinion in Nephrology and Hypertension, 2017, 26, 296-302. | 2.0 | 29 |
| 43 | Uric Acid, Vascular Stiffness, and Chronic Kidney Disease: Is There a Link?. Blood Purification, 2017, 43, 189-195. | 1.8 | 15 |
| 44 | Hyperuricemia is Associated with Increased Apo AI Fractional Catabolic Rates and Dysfunctional HDL in New Zealand Rabbits. Lipids, 2017, 52, 999-1006. | 1.7 | 6 |
| 45 | Curcumin prevents cisplatin-induced renal alterations in mitochondrial bioenergetics and dynamic. Food and Chemical Toxicology, 2017, 107, 373-385. | 3.6 | 90 |
| 46 | Curcumin prevents mitochondrial dynamics disturbances in early 5/6 nephrectomy: Relation to oxidative stress and mitochondrial bioenergetics. BioFactors, 2017, 43, 293-310. | 5.4 | 75 |
| 47 | The Beneficial Effects of Allicin in Chronic Kidney Disease Are Comparable to Losartan. International Journal of Molecular Sciences, 2017, 18, 1980. | 4.1 | 28 |
| 48 | Anti-Inflammatory Therapy Modulates Nrf2-Keap1 in Kidney from Rats with Diabetes. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-11. | 4.0 | 39 |
| 49 | Rehydration with soft drink-like beverages exacerbates dehydration and worsens dehydration-associated renal injury. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R57-R65. | 1.8 | 68 |
| 50 | Climate Change and the Emergent Epidemic of CKD from Heat Stress in Rural Communities: The Case for Heat Stress Nephropathy. Clinical Journal of the American Society of Nephrology: CJASN, 2016, 11, 1472-1483. | 4.5 | 284 |
| 51 | The nephroprotection exerted by curcumin in maleateâ€induced renal damage is associated with decreased mitochondrial fission and autophagy. BioFactors, 2016, 42, 686-702. | 5.4 | 34 |
| 52 | Opposing Activity Changes in AMP Deaminase and AMP-Activated Protein Kinase in the Hibernating Ground Squirrel. PLoS ONE, 2015, 10, e0123509. | 2.5 | 42 |
| 53 | A pilot study on the impact of a low fructose diet and allopurinol on clinic blood pressure among overweight and prehypertensive subjects: a randomized placebo controlled trial. Journal of the American Society of Hypertension, 2015, 9, 837-844. | 2.3 | 48 |
| 54 | The discovery of hypertension: evolving views on the role of the kidneys, and current hot topics. American Journal of Physiology - Renal Physiology, 2015, 308, F167-F178. | 2.7 | 41 |

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|---|---|---|---|
| 55 | Urinary Excretion of Neutrophil Gelatinase-Associated Lipocalin in Diabetic Rats. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-11. | 4.0 | 16 |
| 56 | Renal tight junction proteins are decreased in cisplatin-induced nephrotoxicity in rats. Toxicology Mechanisms and Methods, 2014, 24, 520-528. | 2.7 | 20 |
| 57 | Uric acid and chronic kidney disease: which is chasing which?. Nephrology Dialysis Transplantation, 2013, 28, 2221-2228. | 0.7 | 466 |
| 58 | Sugar, Uric Acid, and the Etiology of Diabetes and Obesity. Diabetes, 2013, 62, 3307-3315. | 0.6 | 568 |
| 59 | Uric Acid-Induced Endothelial Dysfunction Is Associated with Mitochondrial Alterations and Decreased Intracellular ATP Concentrations. Nephron Experimental Nephrology, 2013, 121, e71-e78. | 2.2 | 244 |
| 60 | Umami: The Taste That Drives Purine Intake. Journal of Rheumatology, 2013, 40, 1794-1796. | 2.0 | 24 |
| 61 | Uric Acid and the Origins of Hypertension. Journal of Pediatrics, 2013, 162, 896-902. | 1.8 | 101 |
| 62 | Redefining metabolic syndrome as a fat storage condition based on studies of comparative physiology. Obesity, 2013, 21, 659-664. | 3.0 | 57 |
| 63 | Synergistic effect of uricase blockade plus physiological amounts of fructose-glucose on glomerular hypertension and oxidative stress in rats. American Journal of Physiology - Renal Physiology, 2013, 304, F727-F736. | 2.7 | 57 |
| 64 | Fructose Likely Does Have a Role in Hypertension. Hypertension, 2012, 59, e54; author reply e55-6. | 2.7 | 6 |
| 65 | Uric Acid and Fructose: Potential Biological Mechanisms. Seminars in Nephrology, 2011, 31, 426-432. | 1.6 | 53 |
| 66 | The Rediscovery of Uric Acid in Cardiorenal Disease: Introduction. Seminars in Nephrology, 2011, 31, 391-393. | 1.6 | 2 |
| 67 | Uric acid and Metabolic Syndrome: What is the Relationship?. Current Rheumatology Reviews, 2011, 7, 162-169. | 0.8 | 14 |
| 68 | Sucrose induces fatty liver and pancreatic inflammation in male breeder rats independent of excess energy intake. Metabolism: Clinical and Experimental, 2011, 60, 1259-1270. | 3.4 | 141 |
| 69 | Contribution of renal purinergic receptors to renal vasoconstriction in angiotensin II-induced hypertensive rats. American Journal of Physiology - Renal Physiology, 2011, 300, F1301-F1309. | 2.7 | 32 |
| 70 | Microvascular disease and its role in the brain and cardiovascular system: a potential role for uric acid as a cardiorenal toxin. Nephrology Dialysis Transplantation, 2011, 26, 430-437. | 0.7 | 66 |
| 71 | Uric Acid. Hypertension, 2011, 58, 548-549. | 2.7 | 36 |
| 72 | Dietary fructose causes tubulointerstitial injury in the normal rat kidney. American Journal of Physiology - Renal Physiology, 2010, 298, F712-F720. | 2.7 | 144 |

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|---|---|---|---|
| 73 | The Effect of Fructose on Renal Biology and Disease. Journal of the American Society of Nephrology: JASN, 2010, 21, 2036-2039. | 6.1 | 133 |
| 74 | Combination of Captopril and Allopurinol Retards Fructose-Induced Metabolic Syndrome. American Journal of Nephrology, 2009, 30, 399-404. | 3.1 | 41 |
| 75 | Lessons from comparative physiology: could uric acid represent a physiologic alarm signal gone awry in western society?. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2009, 179, 67-76. | 1.5 | 117 |
| 76 | Effect of lowering uric acid on renal disease in the type 2 diabetic<i>db/db</i>mice. American Journal of Physiology - Renal Physiology, 2009, 297, F481-F488. | 2.7 | 161 |
| 77 | Hypothesis: Could Excessive Fructose Intake and Uric Acid Cause Type 2 Diabetes?. Endocrine Reviews, 2009, 30, 96-116. | 20.1 | 418 |
| 78 | Uric Acid: More to Learn, More Experiments to Do. American Journal of Hypertension, 2009, 22, 952-953. | 2.0 | 12 |
| 79 | The conundrum of hyperuricemia, metabolic syndrome, and renal disease. Internal and Emergency Medicine, 2008, 3, 313-318. | 2.0 | 41 |
| 80 | Pathogenesis of essential hypertension: historical paradigms and modern insights. Journal of Hypertension, 2008, 26, 381-391. | 0.5 | 105 |
| 81 | How safe is fructose for persons with or without diabetes?. American Journal of Clinical Nutrition, 2008, 88, 1189-90. | 4.7 | 26 |
| 82 | Chronic inhibition of NOS-2 ameliorates renal injury, as well as COX-2 and TGF-Â1 overexpression in 5/6 nephrectomized rats. Nephrology Dialysis Transplantation, 2006, 21, 3074-3081. | 0.7 | 22 |
| 83 | Uric Acid â€“ A Uremic Toxin?. Blood Purification, 2006, 24, 67-70. | 1.8 | 65 |