

Belen Ponte

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,857
citations

279798

23
h-index

189892

50
g-index

67
all docs

67
docs citations

67
times ranked

5741
citing authors

#	ARTICLE	IF	CITATIONS
1	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	21.4	549
2	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016, 7, 10023.	12.8	412
3	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474.	21.4	251
4	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. <i>Diabetes</i> , 2016, 65, 803-817.	0.6	131
5	Metabolomic analysis of urine samples by UHPLC-QTOF-MS: Impact of normalization strategies. <i>Analytica Chimica Acta</i> , 2017, 955, 27-35.	5.4	129
6	Reference Values and Factors Associated With Renal Resistive Index in a Family-Based Population Study. <i>Hypertension</i> , 2014, 63, 136-142.	2.7	97
7	Efficacy and safety of citrate-based anticoagulation compared to heparin in patients with acute kidney injury requiring continuous renal replacement therapy: a randomized controlled trial. <i>Critical Care</i> , 2015, 19, 91.	5.8	91
8	Associations of Urinary Uromodulin with Clinical Characteristics and Markers of Tubular Function in the General Population. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 70-80.	4.5	87
9	Inactive Matrix Gla-Protein Is Associated With Arterial Stiffness in an Adult Population-Based Study. <i>Hypertension</i> , 2015, 66, 85-92.	2.7	85
10	New anthropometry-based age- and sex-specific reference values for urinary 24-hour creatinine excretion based on the adult Swiss population. <i>BMC Medicine</i> , 2015, 13, 40.	5.5	57
11	Epidemiology of Masked and White-Coat Hypertension: The Family-Based SKIPOGH Study. <i>PLoS ONE</i> , 2014, 9, e92522.	2.5	56
12	Tumor necrosis factor stimulates fibroblast growth factor 23 levels in chronic kidney disease and non-renal inflammation. <i>Kidney International</i> , 2019, 96, 890-905.	5.2	56
13	Prevalence of Hypertensive Phenotypes After Preeclampsia. <i>Hypertension</i> , 2018, 71, 103-109.	2.7	55
14	Fibroblast growth factor 23 and markers of mineral metabolism in individuals with preserved renal function. <i>Kidney International</i> , 2016, 90, 648-657.	5.2	51
15	Sociodemographic, behavioral and genetic determinants of allostatic load in a Swiss population-based study. <i>Psychoneuroendocrinology</i> , 2016, 67, 76-85.	2.7	50
16	Determinants and burden of chronic kidney disease in the population-based CoLaus study: a cross-sectional analysis*. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 2329-2339.	0.7	48
17	Heritability, determinants and reference values of renal length: a family-based population study. <i>European Radiology</i> , 2013, 23, 2899-2905.	4.5	47
18	Uromodulin and Nephron Mass. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2018, 13, 1556-1557.	4.5	44

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19	Biomarkers for acute kidney injury in decompensated cirrhosis: A prospective study. <i>Nephrology</i> , 2019, 24, 170-180.	1.6	39
20	Reference intervals for the urinary steroid metabolome: The impact of sex, age, day and night time on human adult steroidogenesis. <i>PLoS ONE</i> , 2019, 14, e0214549.	2.5	38
21	Associations of Ambulatory Blood Pressure With Urinary Caffeine and Caffeine Metabolite Excretions. <i>Hypertension</i> , 2015, 65, 691-696.	2.7	36
22	Cardiovascular End Points and Mortality Are Not Closer Associated With Central Than Peripheral Pulsatile Blood Pressure Components. <i>Hypertension</i> , 2020, 76, 350-358.	2.7	33
23	Urinary steroid profiling in women hints at a diagnostic signature of the polycystic ovary syndrome: A pilot study considering neglected steroid metabolites. <i>PLoS ONE</i> , 2018, 13, e0203903.	2.5	31
24	Sodium Intake as a Cardiovascular Risk Factor: A Narrative Review. <i>Nutrients</i> , 2021, 13, 3177.	4.1	24
25	Risk factors for community-acquired acute kidney injury in patients with and without chronic kidney injury and impact of its initial management on prognosis: a prospective observational study. <i>BMC Nephrology</i> , 2017, 18, 380.	1.8	22
26	Estimated 24-h urinary sodium and sodium-to-potassium ratio are predictors of kidney function decline in a population-based study. <i>Journal of Hypertension</i> , 2019, 37, 1853-1860.	0.5	22
27	A population-based approach to assess the heritability and distribution of renal handling of electrolytes. <i>Kidney International</i> , 2017, 92, 1536-1543.	5.2	20
28	Mendelian randomization to assess causality between uromodulin, blood pressure and chronic kidney disease. <i>Kidney International</i> , 2021, 100, 1282-1291.	5.2	20
29	Relation of 24-hour urinary caffeine and caffeine metabolite excretions with self-reported consumption of coffee and other caffeinated beverages in the general population. <i>Nutrition and Metabolism</i> , 2016, 13, 81.	3.0	19
30	Urinary Cadmium Excretion Is Associated With Increased Synthesis of Cortico- and Sex Steroids in a Population Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 748-758.	3.6	18
31	Associations of Urinary Caffeine and Caffeine Metabolites With Arterial Stiffness in a Large Population-Based Study. <i>Mayo Clinic Proceedings</i> , 2018, 93, 586-596.	3.0	17
32	Toward a better understanding of chronic kidney disease with complementary chromatographic methods hyphenated with mass spectrometry for improved polar metabolome coverage. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1116, 9-18.	2.3	15
33	Gene regulation contributes to explain the impact of early life socioeconomic disadvantage on adult inflammatory levels in two cohort studies. <i>Scientific Reports</i> , 2021, 11, 3100.	3.3	15
34	Phosphocalcic Markers and Calcification Propensity for Assessment of Interstitial Fibrosis and Vascular Lesions in Kidney Allograft Recipients. <i>PLoS ONE</i> , 2016, 11, e0167929.	2.5	15
35	Urinary Sex Steroid and Glucocorticoid Hormones Are Associated With Muscle Mass and Strength in Healthy Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 2195-2215.	3.6	14
36	Exploring blood alterations in chronic kidney disease and haemodialysis using metabolomics. <i>Scientific Reports</i> , 2020, 10, 19502.	3.3	14

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37	CYP17A1 Enzyme Activity Is Linked to Ambulatory Blood Pressure in a Family-Based Population Study. <i>American Journal of Hypertension</i> , 2016, 29, 484-493.	2.0	13
38	Living kidney donation does not adversely affect serum calcification propensity and markers of vascular stiffness. <i>Transplant International</i> , 2015, 28, 1074-1080.	1.6	12
39	Uromodulin, Salt, and 24-Hour Blood Pressure in the General Population. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 787-789.	4.5	11
40	Prevalence and determinants of chronic kidney disease in the Swiss population. <i>Swiss Medical Weekly</i> , 2016, 146, w14313.	1.6	11
41	Dialysis initiation improves calcification propensity. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 495-502.	0.7	10
42	Epidemiological and histological findings implicate matrix Gla protein in diastolic left ventricular dysfunction. <i>PLoS ONE</i> , 2018, 13, e0193967.	2.5	10
43	Association of 24-Hour Blood Pressure With Urinary Sodium Excretion in Healthy Adults. <i>American Journal of Hypertension</i> , 2018, 31, 784-791.	2.0	9
44	Parathyroid Hormone and Plasma Phosphate Are Predictors of Soluble β_2 -Microglobulin Levels in Adults of European Descent. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1135-e1143.	3.6	8
45	Ambulatory Blood Pressure in Relation to Plasma and Urinary Manganese. <i>Hypertension</i> , 2020, 75, 1133-1139.	2.7	8
46	Outcomes of incident patients treated with incremental haemodialysis as compared with standard haemodialysis and peritoneal dialysis. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 2514-2521.	0.7	8
47	Red blood cell volume is not decreased in ESA-naive anemic chronic kidney disease patients. <i>Physiological Reports</i> , 2018, 6, e13900.	1.7	7
48	Combining the advantages of multilevel and orthogonal partial least squares data analysis for longitudinal metabolomics: Application to kidney transplantation. <i>Analytica Chimica Acta</i> , 2020, 1099, 26-38.	5.4	7
49	Should renal color Doppler ultrasonography be a routine test in newly diagnosed hypertensive patient?. <i>Journal of Hypertension</i> , 2018, 36, 16-22.	0.5	5
50	Gaining Insights Into Metabolic Networks Using Chemometrics and Bioinformatics: Chronic Kidney Disease as a Clinical Model. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 682559.	3.5	5
51	Sodium Intake Is Associated With Renal Resistive Index in an Adult Population-Based Study. <i>Hypertension</i> , 2020, 76, 1898-1905.	2.7	4
52	Impact of superimposed nephrological care to guidelines-directed management by primary care physicians of patients with stable chronic kidney disease: a randomized controlled trial. <i>BMC Nephrology</i> , 2020, 21, 128.	1.8	4
53	Case Report: Severe Complement-Mediated Thrombotic Microangiopathy in IgG4-Related Disease Secondary to Anti-Factor H IgG4 Autoantibodies. <i>Frontiers in Immunology</i> , 2020, 11, 604759.	4.8	4
54	Heritability and association with distinct genetic loci of erythropoietin levels in the general population. <i>Haematologica</i> , 2021, 106, 2499-2501.	3.5	3

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55	Sex- and age-specific reference intervals for diagnostic ratios reflecting relative activity of steroidogenic enzymes and pathways in adults. PLoS ONE, 2021, 16, e0253975.	2.5	2
56	Management and outcomes of patients on maintenance dialysis during the first and second wave of the COVID-19 pandemic in Geneva, Switzerland. , 2021, 151, .		2
57	Investigating the Relations Between Caffeine-Derived Metabolites and Plasma Lipids in 2 Population-Based Studies. Mayo Clinic Proceedings, 2021, 96, 3071-3085.	3.0	2
58	Use of day and night urinary iodine excretion to estimate the prevalence of inadequate iodine intakes via the estimated average requirement cut-point method. Swiss Medical Weekly, 2019, 149, w20090.	1.6	2
59	Relationship between renal function and blood pressure dipping status in renal transplant recipients: a longitudinal study. BMC Nephrology, 2021, 22, 325.	1.8	1
60	Changes of lipoprotein(a) levels with endogenous steroid hormones. European Journal of Clinical Investigation, 2021, , e13699.	3.4	1
61	FP345ESTIMATED 24H URINARY SODIUM AND SODIUM TO POTASSIUM RATIO ARE PREDICTORS OF KIDNEY FUNCTION DECLINE IN A POPULATION BASED STUDY. Nephrology Dialysis Transplantation, 2018, 33, i147-i148.	0.7	0
62	FO044UROMODULIN REFLECTS NEPHRON MASS IN THE GENERAL POPULATION AND KIDNEY DONORS. Nephrology Dialysis Transplantation, 2018, 33, i36-i36.	0.7	0
63	In Replyâ€”Caffeine Effects on Arterial Stiffness: To Drink or Not to Drink. Mayo Clinic Proceedings, 2018, 93, 1150-1151.	3.0	0
64	FO040TOWARDS A BETTER UNDERSTANDING OF KIDNEY DISEASE USING METABOLOMICS. Nephrology Dialysis Transplantation, 2018, 33, i35-i35.	0.7	0
65	Management of Acute Wilsonian Hepatitis with Severe Hemolysis: A Successful Combination of Chelation and MARS Dialysis. Case Reports in Hepatology, 2021, 2021, 1-6.	0.7	0