

Francesco Trepiccione

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

1,617
citations

236925

25
h-index

361022

35
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82
all docs

82
docs citations

82
times ranked

1937
citing authors

#	ARTICLE	IF	CITATIONS
1	Renal Atp6ap2/(Pro)renin Receptor Is Required for Normal Vacuolar H ⁺ -ATPase Function but Not for the Renin-Angiotensin System. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3320-3330.	6.1	91
2	Treatment and long-term outcome in primary distal renal tubular acidosis. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 981-991.	0.7	75
3	Diagnosis and management of Bartter syndrome: executive summary of the consensus and recommendations from the European Rare Kidney Disease Reference Network Working Group for Tubular Disorders. <i>Kidney International</i> , 2021, 99, 324-335.	5.2	53
4	A mouse model of pseudohypoaldosteronism type II reveals a novel mechanism of renal tubular acidosis. <i>Kidney International</i> , 2018, 94, 514-523.	5.2	52
5	Evaluation of cellular plasticity in the collecting duct during recovery from lithium-induced nephrogenic diabetes insipidus. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F919-F929.	2.7	49
6	Double Knockout of the Na ⁺ -Driven Cl ⁻ /HCO ₃ ⁻ Exchanger and Na ⁺ /Cl ⁻ Cotransporter Induces Hypokalemia and Volume Depletion. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 130-139.	6.1	49
7	COVID-19 and Extracellular Vesicles: An Intriguing Interplay. <i>Kidney and Blood Pressure Research</i> , 2020, 45, 661-670.	2.0	48
8	Upregulation of apical sodium-chloride cotransporter and basolateral chloride channels is responsible for the maintenance of salt-sensitive hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, F556-F567.	2.7	47
9	Summary of the International Conference on Onco-Nephrology: an emerging field in medicine. <i>Kidney International</i> , 2019, 96, 555-567.	5.2	47
10	Early targets of lithium in rat kidney inner medullary collecting duct include p38 and ERK1/2. <i>Kidney International</i> , 2014, 86, 757-767.	5.2	44
11	A fate-mapping approach reveals the composite origin of the connecting tubule and alerts on a single-cell-specific KO model of the distal nephron. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, F901-F906.	2.7	41
12	Mild cognitive impairment and kidney disease: clinical aspects. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 10-17.	0.7	38
13	Channels, Carriers, and Pumps in the Pathogenesis of Sodium-Sensitive Hypertension. <i>Seminars in Nephrology</i> , 2005, 25, 419-424.	1.6	37
14	Divergent behavior of hydrogen sulfide pools and of the sulfur metabolite lanthionine, a novel uremic toxin, in dialysis patients. <i>Biochimie</i> , 2016, 126, 97-107.	2.6	37
15	Intercalated Cell Depletion and Vacuolar H ⁺ -ATPase Mistargeting in an Ae1 R607H Knockin Model. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 1507-1520.	6.1	36
16	Urinary extracellular vesicles as reservoirs of altered proteins during the pathogenesis of polycystic kidney disease. <i>Proteomics - Clinical Applications</i> , 2015, 9, 552-567.	1.6	33
17	A randomized controlled pilot trial of lithium in spinocerebellar ataxia type 2. <i>Journal of Neurology</i> , 2015, 262, 149-153.	3.6	32
18	A new recombinant MnSOD prevents the Cyclosporine A-induced renal impairment. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 2066-2072.	0.7	31

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19	Selective Dicer Suppression in the Kidney Alters GSK3 β / β -Catenin Pathways Promoting a Glomerulocystic Disease. PLoS ONE, 2015, 10, e0119142.	2.5	31
20	Acute genetic ablation of pendrin lowers blood pressure in mice. Nephrology Dialysis Transplantation, 2017, 32, gfw393.	0.7	31
21	The role of the kidney in salt-sensitive hypertension. Clinical and Experimental Nephrology, 2012, 16, 68-72.	1.6	30
22	Lithium-induced nephrogenic diabetes insipidus: new clinical and experimental findings. Journal of Nephrology, 2010, 23 Suppl 16, S43-8.	2.0	30
23	New Findings on the Pathogenesis of Distal Renal Tubular Acidosis. Kidney Diseases (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 5	2.5	29
24	Urine Proteomics Revealed a Significant Correlation Between Urine-Fibronectin Abundance and Estimated-GFR Decline in Patients with Bardet-Biedl Syndrome. Kidney and Blood Pressure Research, 2018, 43, 389-405.	2.0	28
25	Approach to hyponatremia according to the clinical setting: Consensus statement from the Italian Society of Endocrinology (SIE), Italian Society of Nephrology (SIN), and Italian Association of Medical Oncology (AIOM). Journal of Endocrinological Investigation, 2018, 41, 3-19.	3.3	28
26	Renal phenotype in Bardet-Biedl syndrome: a combined defect of urinary concentration and dilution is associated with defective urinary AQP2 and UMOD excretion. American Journal of Physiology - Renal Physiology, 2016, 311, F686-F694.	2.7	27
27	Quantitative proteomics reveals novel therapeutic and diagnostic markers in hypertension. BBA Clinical, 2014, 2, 79-87.	4.1	26
28	Chronic kidney disease and neurological disorders: are uraemic toxins the missing piece of the puzzle?. Nephrology Dialysis Transplantation, 2021, 37, ii33-ii44.	0.7	26
29	Cognitive disorders in patients with chronic kidney disease: specificities of clinical assessment. Nephrology Dialysis Transplantation, 2021, 37, ii23-ii32.	0.7	25
30	The Sulfur Metabolite Lanthionine: Evidence for a Role as a Novel Uremic Toxin. Toxins, 2017, 9, 26.	3.4	22
31	The role of the intestinal microbiota in uremic solute accumulation: a focus on sulfur compounds. Journal of Nephrology, 2019, 32, 733-740.	2.0	22
32	MicroRNAs in Renal Diseases: A Potential Novel Therapeutic Target. Kidney Diseases (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tj 50 222 T	2.5	21
33	Relative Roles of Principal and Intercalated Cells in the Regulation of Sodium Balance and Blood Pressure. Current Hypertension Reports, 2015, 17, 538.	3.5	20
34	Distal renal tubular acidosis: a systematic approach from diagnosis to treatment. Journal of Nephrology, 2021, 34, 2073-2083.	2.0	20
35	Potassium depletion induces cellular conversion in the outer medullary collecting duct altering Notch signaling pathway. Scientific Reports, 2020, 10, 5708.	3.3	19
36	Distal renal tubular acidosis: ERKNet/ESPN clinical practice points. Nephrology Dialysis Transplantation, 2021, 36, 1585-1596.	0.7	18

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37	ADAM17, a New Player in the Pathogenesis of Chronic Kidney Disease—Mineral and Bone Disorder. , 2017, 27, 453-457.		17
38	Acidosis, cognitive dysfunction and motor impairments in patients with kidney disease. Nephrology Dialysis Transplantation, 2021, 37, ii4-ii12.	0.7	16
39	Nephrotic syndrome: new concepts in the pathophysiology of sodium retention. Journal of Nephrology, 2008, 21, 836-42.	2.0	16
40	Hypertension and renal calcium transport. Journal of Nephrology, 2010, 23 Suppl 16, S112-7.	2.0	16
41	H ⁺ -ATPase B1 subunit localizes to thick ascending limb and distal convoluted tubule of rodent and human kidney. American Journal of Physiology - Renal Physiology, 2018, 315, F429-F444.	2.7	15
42	Dysregulation of Principal Cell miRNAs Facilitates Epigenetic Regulation of AQP2 and Results in Nephrogenic Diabetes Insipidus. Journal of the American Society of Nephrology: JASN, 2021, 32, 1339-1354.	6.1	15
43	The Kidney in Bardet-Biedl Syndrome: Possible Pathogenesis of Urine Concentrating Defect. Kidney Diseases (Basel, Switzerland), 2017, 3, 57-65.	2.5	14
44	Deficiency of Carbonic Anhydrase II Results in a Urinary Concentrating Defect. Frontiers in Physiology, 2017, 8, 1108.	2.8	14
45	Uremic Toxin Lanthionine Interferes with the Transsulfuration Pathway, Angiogenetic Signaling and Increases Intracellular Calcium. International Journal of Molecular Sciences, 2019, 20, 2269.	4.1	14
46	Characterization of five novel vasopressin V2 receptor mutants causing nephrogenic diabetes insipidus reveals a role of tolvaptan for M272R-V2R mutation. Scientific Reports, 2020, 10, 16383.	3.3	14
47	Measurement of total CO ₂ in microliter samples of urine and other biological fluids using infrared detection of CO ₂ . Pflugers Archiv European Journal of Physiology, 2017, 469, 1267-1275.	2.8	13
48	Zebrafish, a Novel Model System to Study Uremic Toxins: The Case for the Sulfur Amino Acid Lanthionine. International Journal of Molecular Sciences, 2018, 19, 1323.	4.1	11
49	SGK3: a novel regulator of renal phosphate transport?. Kidney International, 2011, 80, 13-15.	5.2	10
50	Single nephron glomerular filtration rate measured by linescan multiphoton microscopy compared to conventional micropuncture. Pflugers Archiv European Journal of Physiology, 2022, , 1.	2.8	10
51	Impact of Local and Systemic Factors on Kidney Dysfunction in Bardet-Biedl Syndrome. Kidney and Blood Pressure Research, 2017, 42, 784-793.	2.0	9
52	Lithium increases ammonium excretion leading to altered urinary acid-base buffer composition. Journal of Nephrology, 2018, 31, 385-393.	2.0	9
53	COVID-19, Low-Molecular-Weight Heparin, and Hemodialysis. Kidney and Blood Pressure Research, 2020, 45, 357-362.	2.0	9
54	Shows Amplified Fluorescence by Binding to Albumin and Is Accumulated <i>In Vivo</i> . Molecular Imaging, 2022, 2022, 7908357.	1.4	9

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55	Atorvastatin in the treatment of Lithium-induced nephrogenic diabetes insipidus: the protocol of a randomized controlled trial. <i>BMC Psychiatry</i> , 2018, 18, 227.	2.6	8
56	Urinary Metabolic Profile of Patients with Transfusion-Dependent β^2 -Thalassemia Major Undergoing Deferasirox Therapy. <i>Kidney and Blood Pressure Research</i> , 2020, 45, 455-466.	2.0	8
57	Urine concentrating defect as presenting sign of progressive renal failure in Bardet-Biedl syndrome patients. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 1545-1551.	2.9	8
58	A double-blind, randomized, placebo-controlled pilot trial of atorvastatin for nephrogenic diabetes insipidus in lithium users. <i>Bipolar Disorders</i> , 2021, 23, 66-75.	1.9	7
59	Rare Renal Diseases Can Be Used as Tools to Investigate Common Kidney Disorders. <i>Kidney Diseases (Basel, Switzerland)</i> , 2017, 3, 43-49.	2.5	6
60	Integrin Beta 1 Is Crucial for Urinary Concentrating Ability and Renal Medulla Architecture in Adult Mice. <i>Frontiers in Physiology</i> , 2018, 9, 1273.	2.8	6
61	Urinary proteomics reveals key markers of salt sensitivity in hypertensive patients during saline infusion. <i>Journal of Nephrology</i> , 2021, 34, 739-751.	2.0	6
62	Nephroplex: a kidney-focused NGS panel highlights the challenges of PKD1 sequencing and identifies a founder BBS4 mutation. <i>Journal of Nephrology</i> , 2021, 34, 1855-1874.	2.0	6
63	A case series of adult patients affected by EAST/SeSAME syndrome suggests more severe disease in subjects bearing $KCNJ10$ truncating mutations. <i>Intractable and Rare Diseases Research</i> , 2021, 10, 95-101.	0.9	6
64	Brain dysfunction in tubular and tubulointerstitial kidney diseases. <i>Nephrology Dialysis Transplantation</i> , 2021, 37, ii46-ii55.	0.7	6
65	Lanthionine and Other Relevant Sulfur Amino Acid Metabolites: Detection of Prospective Uremic Toxins in Serum by Multiple Reaction Monitoring Tandem Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2019, 2007, 9-17.	0.9	5
66	Pure Gitelman-like syndrome secondary to SLC26A4 (pendrin) mutation. <i>Kidney International</i> , 2021, 100, 947-948.	5.2	5
67	The Physiology of the Loop of Henle. , 2019, , 42-48.e1.		3
68	Regulation of urinary calcium excretion by vasopressin. <i>CKJ: Clinical Kidney Journal</i> , 2020, 13, 873-877.	2.9	3
69	Uremic Toxin Lanthionine Induces Endothelial Cell Mineralization In Vitro. <i>Biomedicines</i> , 2022, 10, 444.	3.2	3
70	Physiopathology of Potassium Deficiency. , 2013, , 1717-1739.		2
71	Atorvastatin does not ameliorate nephrogenic diabetes insipidus induced by lithium or potassium depletion in mice. <i>Physiological Reports</i> , 2021, 9, e15111.	1.7	1
72	Role of microRNAs in aquaporin 2 regulation. <i>Current Opinion in Nephrology and Hypertension</i> , 2022, 31, 502-507.	2.0	1

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73	ERA-EDTA fellowship, a "bonne opportunit��": the scientific and human experience of a fellow. CKJ: Clinical Kidney Journal, 2019, 12, 465-467.	2.9	0
74	ATORVASTATIN IN THE TREATMENT OF LITHIUM-INDUCED NEPHROGENIC DIABETES INSIPIDUS: THE PROTOCOL OF A RANDOMIZED CONTROLLED TRIAL. American Journal of Geriatric Psychiatry, 2019, 27, S157-S158.	1.2	0
75	Urinary extracellular vesicles: single patient analysis for clinical applications. Advances in Biomembranes and Lipid Self-Assembly, 2021, , 1-35.	0.6	0
76	Present and future of CONNECT: a new and compelling project of modern medicine. Nephrology Dialysis Transplantation, 2021, 37, ii1-ii3.	0.7	0
77	MO675: A New in Vivo Multi-Photon Microscopy Based Approach to Study the Peritoneal Membrane Changes Induced by Peritoneal Dialysis. Nephrology Dialysis Transplantation, 2022, 37, .	0.7	0