# Francesco Trepiccione

List of Publications by Year
in descending order



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|---|---|---|---|
| 77 papers | 1,617 citations | 236925 25 h-index | 361022 35 g-index |
| 82 all docs | 82 docs citations | 82 times ranked | 1937 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Uremic Toxin Lanthionine Induces Endothelial Cell Mineralization In Vitro. Biomedicines, 2022, 10, 444. | 3.2 | 3 |
| 2 | Shows Amplified Fluorescence by Binding to Albumin and Is Accumulated In Vivo. Molecular Imaging, 2022, 2022, 7908357. | 1.4 | 9 |
| 3 | 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 |
| 4 | 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 |
| 5 | Role of microRNAs in aquaporin 2 regulation. Current Opinion in Nephrology and Hypertension, 2022, 31, 502-507. | 2.0 | 1 |
| 6 | A doubleâ€blind, randomized, placeboâ€controlled pilot trial of atorvastatin for nephrogenic diabetes insipidus in lithium users. Bipolar Disorders, 2021, 23, 66-75. | 1.9 | 7 |
| 7 | 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. Kidney International, 2021, 99, 324-335. | 5.2 | 53 |
| 8 | Urinary extracellular vesicles: single patient analysis for clinical applications. Advances in Biomembranes and Lipid Self-Assembly, 2021, , 1-35. | 0.6 | 0 |
| 9 | Acidosis, cognitive dysfunction and motor impairments in patients with kidney disease. Nephrology Dialysis Transplantation, 2021, 37, ii4-ii12. | 0.7 | 16 |
| 10 | Urinary proteomics reveals key markers of salt sensitivity in hypertensive patients during saline infusion. Journal of Nephrology, 2021, 34, 739-751. | 2.0 | 6 |
| 11 | 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 |
| 12 | 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 |
| 13 | Distal renal tubular acidosis: a systematic approach from diagnosis to treatment. Journal of Nephrology, 2021, 34, 2073-2083. | 2.0 | 20 |
| 14 | Distal renal tubular acidosis: ERKNet/ESPN clinical practice points. Nephrology Dialysis Transplantation, 2021, 36, 1585-1596. | 0.7 | 18 |
| 15 | Nephroplex: a kidney-focused NGS panel highlights the challenges of PKD1 sequencing and identifies a founder BBS4 mutation. Journal of Nephrology, 2021, 34, 1855-1874. | 2.0 | 6 |
| 16 | A case series of adult patients affected by EAST/SeSAME syndrome suggests more severe disease in subjects bearing <i>KCNJ10</i> truncating mutations. Intractable and Rare Diseases Research, 2021, 10, 95-101. | 0.9 | 6 |
| 17 | Pure Gitelman-like syndrome secondary to SLC26A4 (pendrin) mutation. Kidney International, 2021, 100, 947-948. | 5.2 | 5 |
| 18 | Cognitive disorders in patients with chronic kidney disease: specificities of clinical assessment. Nephrology Dialysis Transplantation, 2021, 37, ii23-ii32. | 0.7 | 25 |

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|---|---|---|---|
| 19 | Brain dysfunction in tubular and tubulointerstitial kidney diseases. Nephrology Dialysis Transplantation, 2021, 37, ii46-ii55. | 0.7 | 6 |
| 20 | Urine concentrating defect as presenting sign of progressive renal failure in Bardetâ€“Biedl syndrome patients. CKJ: Clinical Kidney Journal, 2021, 14, 1545-1551. | 2.9 | 8 |
| 21 | Atorvastatin does not ameliorate nephrogenic diabetes insipidus induced by lithium or potassium depletion in mice. Physiological Reports, 2021, 9, e15111. | 1.7 | 1 |
| 22 | Present and future of CONNECT: a new and compelling project of modern medicine. Nephrology Dialysis Transplantation, 2021, 37, ii1-ii3. | 0.7 | 0 |
| 23 | Mild cognitive impairment and kidney disease: clinical aspects. Nephrology Dialysis Transplantation, 2020, 35, 10-17. | 0.7 | 38 |
| 24 | 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 |
| 25 | COVID-19 and Extracellular Vesicles: An Intriguing Interplay. Kidney and Blood Pressure Research, 2020, 45, 661-670. | 2.0 | 48 |
| 26 | Regulation of urinary calcium excretion by vasopressin. CKJ: Clinical Kidney Journal, 2020, 13, 873-877. | 2.9 | 3 |
| 27 | Urinary Metabolic Profile of Patients with Transfusion-Dependent Î²-Thalassemia Major Undergoing Deferasirox Therapy. Kidney and Blood Pressure Research, 2020, 45, 455-466. | 2.0 | 8 |
| 28 | Potassium depletion induces cellular conversion in the outer medullary collecting duct altering Notch signaling pathway. Scientific Reports, 2020, 10, 5708. | 3.3 | 19 |
| 29 | COVID-19, Low-Molecular-Weight Heparin, and Hemodialysis. Kidney and Blood Pressure Research, 2020, 45, 357-362. | 2.0 | 9 |
| 30 | ERA-EDTA fellowship, a â€˜bonne opportunitÃ©â€™: the scientific and human experience of a fellow. CKJ: Clinical Kidney Journal, 2019, 12, 465-467. | 2.9 | 0 |
| 31 | Lanthionine and Other Relevant Sulfur Amino Acid Metabolites: Detection of Prospective Uremic Toxins in Serum by Multiple Reaction Monitoring Tandem Mass Spectrometry. Methods in Molecular Biology, 2019, 2007, 9-17. | 0.9 | 5 |
| 32 | 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 |
| 33 | 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 |
| 34 | Summary of the International Conference on Onco-Nephrology: an emerging field in medicine. Kidney International, 2019, 96, 555-567. | 5.2 | 47 |
| 35 | 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 |
| 36 | Treatment and long-term outcome in primary distal renal tubular acidosis. Nephrology Dialysis Transplantation, 2019, 34, 981-991. | 0.7 | 75 |

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|---|---|---|---|
| 37 | The Physiology of the Loop of Henle. , 2019, , 42-48.e1. | | 3 |
| 38 | 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 |
| 39 | Lithium increases ammonium excretion leading to altered urinary acid-base buffer composition. Journal of Nephrology, 2018, 31, 385-393. | 2.0 | 9 |
| 40 | 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 |
| 41 | Integrin Beta 1 Is Crucial for Urinary Concentrating Ability and Renal Medulla Architecture in Adult Mice. Frontiers in Physiology, 2018, 9, 1273. | 2.8 | 6 |
| 42 | 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 |
| 43 | H<sup>+</sup>-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 |
| 44 | A mouse model of pseudohypoaldosteronism typeÂII reveals a novel mechanism of renal tubular acidosis. Kidney International, 2018, 94, 514-523. | 5.2 | 52 |
| 45 | Atorvastatin in the treatment of Lithium-induced nephrogenic diabetes insipidus: the protocol of a randomized controlled trial. BMC Psychiatry, 2018, 18, 227. | 2.6 | 8 |
| 46 | Double Knockout of the Na+-Driven Clâ^'/HCO3 â^' Exchanger and Na+/Clâ^' Cotransporter Induces Hypokalemia and Volume Depletion. Journal of the American Society of Nephrology: JASN, 2017, 28, 130-139. | 6.1 | 49 |
| 47 | Acute genetic ablation of pendrin lowers blood pressure in mice. Nephrology Dialysis Transplantation, 2017, 32, gfw393. | 0.7 | 31 |
| 48 | Measurement of total CO2 in microliter samples of urine and other biological fluids using infrared detection of CO2. Pflugers Archiv European Journal of Physiology, 2017, 469, 1267-1275. | 2.8 | 13 |
| 49 | Intercalated Cell Depletion and Vacuolar H+-ATPase Mistargeting in an Ae1 R607H Knockin Model. Journal of the American Society of Nephrology: JASN, 2017, 28, 1507-1520. | 6.1 | 36 |
| 50 | ADAM17, a New Player in the Pathogenesis of Chronic Kidney Diseaseâ€"Mineral and Bone Disorder. , 2017, 27, 453-457. | | 17 |
| 51 | The Kidney in Bardet-Biedl Syndrome: Possible Pathogenesis of Urine Concentrating Defect. Kidney Diseases (Basel, Switzerland), 2017, 3, 57-65. | 2.5 | 14 |
| 52 | New Findings on the Pathogenesis of Distal Renal Tubular Acidosis. Kidney Diseases (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 To | 2.5 | 29 |
| 53 | Rare Renal Diseases Can Be Used as Tools to Investigate Common Kidney Disorders. Kidney Diseases (Basel, Switzerland), 2017, 3, 43-49. | 2.5 | 6 |
| 54 | 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 |

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| 55 | MicroRNAs in Renal Diseases: A Potential Novel Therapeutic Target. Kidney Diseases (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T | 2.5 | 21 |
| 56 | The Sulfur Metabolite Lanthionine: Evidence for a Role as a Novel Uremic Toxin. Toxins, 2017, 9, 26. | 3.4 | 22 |
| 57 | Deficiency of Carbonic Anhydrase II Results in a Urinary Concentrating Defect. Frontiers in Physiology, 2017, 8, 1108. | 2.8 | 14 |
| 58 | A fate-mapping approach reveals the composite origin of the connecting tubule and alerts on â€œsingle-cellâ€•specific KO model of the distal nephron. American Journal of Physiology - Renal Physiology, 2016, 311, F901-F906. | 2.7 | 41 |
| 59 | Divergent behavior of hydrogen sulfide pools and of the sulfur metabolite lanthionine, a novel uremic toxin, in dialysis patients. Biochimie, 2016, 126, 97-107. | 2.6 | 37 |
| 60 | Renal Atp6ap2/(Pro)renin Receptor Is Required for Normal Vacuolar H+-ATPase Function but Not for the Renin-Angiotensin System. Journal of the American Society of Nephrology: JASN, 2016, 27, 3320-3330. | 6.1 | 91 |
| 61 | 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 |
| 62 | Urinary extracellular vesicles as reservoirs of altered proteins during the pathogenesis of polycystic kidney disease. Proteomics - Clinical Applications, 2015, 9, 552-567. | 1.6 | 33 |
| 63 | Selective Dicer Suppression in the Kidney Alters GSK3Î²/Î²-Catenin Pathways Promoting a Glomerulocystic Disease. PLoS ONE, 2015, 10, e0119142. | 2.5 | 31 |
| 64 | 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 |
| 65 | A randomized controlled pilot trial of lithium in spinocerebellar ataxia type 2. Journal of Neurology, 2015, 262, 149-153. | 3.6 | 32 |
| 66 | Early targets of lithium in rat kidney inner medullary collecting duct include p38 and ERK1/2. Kidney International, 2014, 86, 757-767. | 5.2 | 44 |
| 67 | Quantitative proteomics reveals novel therapeutic and diagnostic markers in hypertension. BBA Clinical, 2014, 2, 79-87. | 4.1 | 26 |
| 68 | Physiopathology of Potassium Deficiency. , 2013, , 1717-1739. | | 2 |
| 69 | A new recombinant MnSOD prevents the Cyclosporine A-induced renal impairment. Nephrology Dialysis Transplantation, 2013, 28, 2066-2072. | 0.7 | 31 |
| 70 | Evaluation of cellular plasticity in the collecting duct during recovery from lithium-induced nephrogenic diabetes insipidus. American Journal of Physiology - Renal Physiology, 2013, 305, F919-F929. | 2.7 | 49 |
| 71 | The role of the kidney in salt-sensitive hypertension. Clinical and Experimental Nephrology, 2012, 16, 68-72. | 1.6 | 30 |
| 72 | SGK3: a novel regulator of renal phosphate transport?. Kidney International, 2011, 80, 13-15. | 5.2 | 10 |

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| 73 | Hypertension and renal calcium transport. Journal of Nephrology, 2010, 23 Suppl 16, S112-7. | 2.0 | 16 |
| 74 | Lithium-induced nephrogenic diabetes insipidus: new clinical and experimental findings. Journal of Nephrology, 2010, 23 Suppl 16, S43-8. | 2.0 | 30 |
| 75 | Upregulation of apical sodium-chloride cotransporter and basolateral chloride channels is responsible for the maintenance of salt-sensitive hypertension. American Journal of Physiology - Renal Physiology, 2008, 295, F556-F567. | 2.7 | 47 |
| 76 | Nephrotic syndrome: new concepts in the pathophysiology of sodium retention. Journal of Nephrology, 2008, 21, 836-42. | 2.0 | 16 |
| 77 | Channels, Carriers, and Pumps in the Pathogenesis of Sodium-Sensitive Hypertension. Seminars in Nephrology, 2005, 25, 419-424. | 1.6 | 37 |