

Olivier Bonny

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9155555/olivier-bonny-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91
papers

2,462
citations

28
h-index

47
g-index

98
ext. papers

3,001
ext. citations

6.2
avg, IF

4.99
L-index

#	Paper	IF	Citations
91	Molecular clock is involved in predictive circadian adjustment of renal function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 16523-8	11.5	203
90	Glut9 is a major regulator of urate homeostasis and its genetic inactivation induces hyperuricosuria and urate nephropathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 15501-6	11.5	172
89	Pharmacological inhibition of fibroblast growth factor (FGF) receptor signaling ameliorates FGF23-mediated hypophosphatemic rickets. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 899-911	6.3	116
88	FGF receptors control vitamin D and phosphate homeostasis by mediating renal FGF-23 signaling and regulating FGF-23 expression in bone. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 2486-97	6.3	109
87	Meta-analysis of genome-wide association studies identifies six new Loci for serum calcium concentrations. <i>PLoS Genetics</i> , 2013 , 9, e1003796	6	100
86	The circadian clock modulates renal sodium handling. <i>Journal of the American Society of Nephrology: JASN</i> , 2012 , 23, 1019-26	12.7	93
85	Genetic hypercalciuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 729-45	12.7	92
84	Functional expression of a pseudohypoaldosteronism type I mutated epithelial Na ⁺ channel lacking the pore-forming region of its alpha subunit. <i>Journal of Clinical Investigation</i> , 1999 , 104, 967-74	15.9	87
83	Mouse GLUT9: evidences for a urate uniporter. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 297, F612-9	4.3	81
82	Local renal circadian clocks control fluid-electrolyte homeostasis and BP. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 1430-9	12.7	73
81	Disturbances of Na/K balance: pseudohypoaldosteronism revisited. <i>Journal of the American Society of Nephrology: JASN</i> , 2002 , 13, 2399-414	12.7	73
80	Dysfunction of epithelial sodium transport: from human to mouse. <i>Kidney International</i> , 2000 , 57, 1313-8	9.9	71
79	Circadian regulation of renal function. <i>Kidney International</i> , 2010 , 78, 640-5	9.9	61
78	Gain-of-function haplotype in the epithelial calcium channel TRPV6 is a risk factor for renal calcium stone formation. <i>Human Molecular Genetics</i> , 2008 , 17, 1613-8	5.6	55
77	Circadian rhythms and the kidney. <i>Nature Reviews Nephrology</i> , 2018 , 14, 626-635	14.9	53
76	Ways of calcium reabsorption in the kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 310, F1337-50	4.3	51
75	Nephron-Specific Deletion of Circadian Clock Gene Bmal1 Alters the Plasma and Renal Metabolome and Impairs Drug Disposition. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 2997-3004	12.7	51

74	βKetoglutarate regulates acid-base balance through an intrarenal paracrine mechanism. <i>Journal of Clinical Investigation</i> , 2013 , 123, 3166-71	15.9	47
73	Mechanism of urinary calcium regulation by urinary magnesium and pH. <i>Journal of the American Society of Nephrology: JASN</i> , 2008 , 19, 1530-7	12.7	40
72	Role of the renal circadian timing system in maintaining water and electrolytes homeostasis. <i>Molecular and Cellular Endocrinology</i> , 2012 , 349, 51-5	4.4	39
71	Renal Fanconi Syndrome and Hypophosphatemic Rickets in the Absence of Xenotropic and Polytopic Retroviral Receptor in the Nephron. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 1073-1078	12.7	38
70	A novel mutation of the epithelial Na ⁺ channel causes type 1 pseudohypoaldosteronism. <i>Pediatric Nephrology</i> , 2002 , 17, 804-8	3.2	35
69	Calcium, vitamin D and cardiovascular disease. <i>Kidney and Blood Pressure Research</i> , 2011 , 34, 404-17	3.1	32
68	Human Mutations in SLC2A9 (Glut9) Affect Transport Capacity for Urate. <i>Frontiers in Physiology</i> , 2018 , 9, 476	4.6	30
67	Molecular bases of circadian rhythmicity in renal physiology and pathology. <i>Nephrology Dialysis Transplantation</i> , 2013 , 28, 2421-31	4.3	29
66	Sodium/hydrogen exchanger NHA2 in osteoclasts: subcellular localization and role in vitro and in vivo. <i>Bone</i> , 2010 , 47, 331-40	4.7	29
65	Coordinated regulation of TRPV5-mediated Ca ²⁺ transport in primary distal convolution cultures. <i>Pflugers Archiv European Journal of Physiology</i> , 2014 , 466, 2077-87	4.6	28
64	Circadian regulation of renal function and potential role in hypertension. <i>Current Opinion in Nephrology and Hypertension</i> , 2013 , 22, 439-44	3.5	28
63	A comprehensive analysis of gene expression profiles in distal parts of the mouse renal tubule. <i>Pflugers Archiv European Journal of Physiology</i> , 2010 , 460, 925-52	4.6	28
62	Clinical and genetic spectra of autosomal dominant tubulointerstitial kidney disease due to mutations in UMOD and MUC1. <i>Kidney International</i> , 2020 , 98, 717-731	9.9	27
61	Expression, purification, and structural insights for the human uric acid transporter, GLUT9, using the <i>Xenopus laevis</i> oocytes system. <i>PLoS ONE</i> , 2014 , 9, e108852	3.7	24
60	Calcium reabsorption in the distal tubule: regulation by sodium, pH, and flow. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 304, F585-600	4.3	23
59	Acute and Chronic Effects of SGLT2 Inhibitor Empagliflozin on Renal Oxygenation and Blood Pressure Control in Nondiabetic Normotensive Subjects: A Randomized, Placebo-Controlled Trial. <i>Journal of the American Heart Association</i> , 2020 , 9, e016173	6	22
58	Common variants in CLDN14 are associated with differential excretion of magnesium over calcium in urine. <i>Pflugers Archiv European Journal of Physiology</i> , 2017 , 469, 91-103	4.6	21
57	Circadian glomerular function: from physiology to molecular and therapeutical aspects. <i>Nephrology Dialysis Transplantation</i> , 2014 , 29, 1475-80	4.3	21

56	Sodium-dependent phosphate transporters in osteoclast differentiation and function. <i>PLoS ONE</i> , 2015 , 10, e0125104	3.7	21
55	Mutations in the polyglutamylase gene <i>TLL5</i> , expressed in photoreceptor cells and spermatozoa, are associated with cone-rod degeneration and reduced male fertility. <i>Human Molecular Genetics</i> , 2016 , 25, 4546-4555	5.6	19
54	Nephropathy in <i>Pparg</i> -null mice highlights <i>PPAR</i> systemic activities in metabolism and in the immune system. <i>PLoS ONE</i> , 2017 , 12, e0171474	3.7	18
53	Association of urinary calcium excretion with serum calcium and vitamin D levels. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015 , 10, 452-62	6.9	18
52	<i>SLC2A9</i> (<i>GLUT9</i>) mediates urate reabsorption in the mouse kidney. <i>Pflugers Archiv European Journal of Physiology</i> , 2018 , 470, 1739-1751	4.6	17
51	Loss of <i>Memo</i> , a novel <i>FGFR</i> regulator, results in reduced lifespan. <i>FASEB Journal</i> , 2014 , 28, 327-36	0.9	16
50	A model of calcium transport and regulation in the proximal tubule. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, F942-F953	4.3	15
49	A population-based approach to assess the heritability and distribution of renal handling of electrolytes. <i>Kidney International</i> , 2017 , 92, 1536-1543	9.9	15
48	Unusual presentations of functional parathyroid cysts: a case series and review of the literature. <i>Journal of Medical Case Reports</i> , 2017 , 11, 333	1.2	15
47	<i>PTH</i> and 1.25 vitamin D response to a low-calcium diet is associated with bone mineral density in renal stone formers. <i>Nephrology Dialysis Transplantation</i> , 2008 , 23, 2563-70	4.3	15
46	Birt-Hogg-Dub syndrome. <i>European Respiratory Review</i> , 2020 , 29,	9.8	15
45	Urine and stone analysis for the investigation of the renal stone former: a consensus conference. <i>Urolithiasis</i> , 2021 , 49, 1-16	3.2	12
44	A pregnant woman with de novo polyuria-polydipsia and elevated liver enzymes. <i>Nephrology Dialysis Transplantation</i> , 2003 , 18, 2193-6	4.3	11
43	Increased bone resorption by osteoclast-specific deletion of the sodium/calcium exchanger isoform 1 (<i>NCX1</i>). <i>Pflugers Archiv European Journal of Physiology</i> , 2017 , 469, 225-233	4.6	10
42	Urine Fetuin-A is a biomarker of autosomal dominant polycystic kidney disease progression. <i>Journal of Translational Medicine</i> , 2015 , 13, 103	8.5	10
41	Altered Prostatein (<i>CAP1/Prss8</i>) Expression Favors Inflammation and Tissue Remodeling in DSS-induced Colitis. <i>Inflammatory Bowel Diseases</i> , 2016 , 22, 2824-2839	4.5	10
40	Variability in urinary oxalate measurements between six international laboratories. <i>Nephrology Dialysis Transplantation</i> , 2011 , 26, 3954-9	4.3	10
39	The proton-activated ovarian cancer G protein-coupled receptor 1 (<i>OGR1</i>) is responsible for renal calcium loss during acidosis. <i>Kidney International</i> , 2020 , 97, 920-933	9.9	10

38	Effects of the SGLT-2 Inhibitor Empagliflozin on Renal Tissue Oxygenation in Non-Diabetic Subjects: A Randomized, Double-Blind, Placebo-Controlled Study Protocol. <i>Advances in Therapy</i> , 2018 , 35, 875-885 ^{4.1}	4.1	9
37	Redox-Dependent Bone Alkaline Phosphatase Dysfunction Drives Part of the Complex Bone Phenotype in Mice Deficient for. <i>JBMR Plus</i> , 2018 , 2, 195-205	3.9	8
36	Serum calcium levels are associated with novel cardiometabolic risk factors in the population-based CoLaus study. <i>PLoS ONE</i> , 2011 , 6, e18865	3.7	8
35	A novel LAMB2 gene mutation associated with a severe phenotype in a neonate with Pierson syndrome. <i>European Journal of Medical Research</i> , 2016 , 21, 19	4.8	8
34	Efficacy of standard and low dose hydrochlorothiazide in the recurrence prevention of calcium nephrolithiasis (NOSTONE trial): protocol for a randomized double-blind placebo-controlled trial. <i>BMC Nephrology</i> , 2018 , 19, 349	2.7	8
33	Renal Memo1 Differentially Regulates the Expression of Vitamin D-Dependent Distal Renal Tubular Calcium Transporters. <i>Frontiers in Physiology</i> , 2018 , 9, 874	4.6	8
32	Furosemide stimulation of parathormone in humans: role of the calcium-sensing receptor and the renin-angiotensin system. <i>Pflugers Archiv European Journal of Physiology</i> , 2015 , 467, 2413-21	4.6	7
31	Coupling between phosphate and calcium homeostasis: a mathematical model. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 313, F1181-F1199	4.3	6
30	Oral chemolysis is an effective, non-invasive therapy for urinary stones suspected of uric acid content. <i>Urolithiasis</i> , 2020 , 48, 501-507	3.2	6
29	A model of calcium homeostasis in the rat. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, F1047-F1062	4.3	6
28	The Swiss Kidney Stone Cohort: An Observational Study to Unravel the Cause of Renal Stone Formation. <i>European Urology Focus</i> , 2017 , 3, 7-9	5.1	5
27	A preliminary survey of practice patterns across several European kidney stone centers and a call for action in developing shared practice. <i>Urolithiasis</i> , 2019 , 47, 219-224	3.2	5
26	A model of uric acid transport in the rat proximal tubule. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 316, F934-F947	4.3	5
25	Genetics of calcium homeostasis in humans: continuum between monogenic diseases and continuous phenotypes. <i>Nephrology Dialysis Transplantation</i> , 2014 , 29 Suppl 4, iv55-62	4.3	4
24	Effects of pioglitazone on renal calcium excretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E1482-5	5.6	4
23	Circadian variation of ticagrelor-induced platelet inhibition in healthy aduly. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2018 , 4, 166-171	6.4	3
22	Treatment and long-term outcome in primary nephrogenic diabetes insipidus. <i>Nephrology Dialysis Transplantation</i> , 2020 ,	4.3	3
21	Elevated serum magnesium lowers calcification propensity in Memo1-deficient mice. <i>PLoS ONE</i> , 2020 , 15, e0236361	3.7	3

20	A stone in the bone. <i>JIMD Reports</i> , 2021 , 62, 6-8	1.9	1
19	Bariatric Surgery Induces a Differential Effect on Plasma Aldosterone in Comparison to Dietary Advice Alone. <i>Frontiers in Endocrinology</i> , 2021 , 12, 745045	5.7	1
18	Physiologic Control of the Circadian Variability in Blood Pressure 2016 , 149-163		1
17	Memo1 gene expression in kidney and bone is unaffected by dietary mineral load and calciotropic hormones. <i>Physiological Reports</i> , 2020 , 8, e14410	2.6	1
16	Use of constant denaturant capillary electrophoresis of pooled blood samples to identify single-nucleotide polymorphisms in the genes (Scnn1a and Scnn1b) encoding the alpha and beta subunits of the epithelial sodium channel. <i>Clinical Chemistry</i> , 2002 , 48, 718-28	5.5	1
15	The impact of stenting prior to oral chemolysis of upper urinary tract uric acid stones. <i>International Urology and Nephrology</i> , 2021 , 1	2.3	0
14	Practice patterns of kidney stone management across European and non-European centers: an in-depth investigation from the European Renal Stone Network (ERSN). <i>Journal of Nephrology</i> , 2021 , 34, 1337-1346	4.8	0
13	Impact of potassium citrate on urinary risk profile, glucose and lipid metabolism of kidney stone formers in Switzerland. <i>CKJ: Clinical Kidney Journal</i> , 2020 , 13, 1037-1048	4.5	0
12	Twenty-Four Hour Blood Pressure Response to Empagliflozin and Its Determinants in Normotensive Non-diabetic Subjects.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 854230	5.4	0
11	Empagliflozin Changes Urine Supersaturation by Decreasing pH and Increasing Citrate.. <i>Journal of the American Society of Nephrology: JASN</i> , 2022 ,	12.7	0
10	Letter Regarding "Granulomatous Inflammation and Hypercalcemia in Patients With Severe Systemic Oxalosis".. <i>Kidney International Reports</i> , 2022 , 7, 930-931	4.1	
9	The Epithelial Sodium Channel 2007 , 27-65		
8	Systematic Characterization of SLC2A9 (Glut9) Variants Associated with Serum Uric Acid Levels. <i>FASEB Journal</i> , 2015 , 29, 844.4	0.9	
7	Dimerization of the plasma membrane Na ⁺ /H ⁺ exchanger type 3 (NHE3). <i>FASEB Journal</i> , 2010 , 24, 815.4	0.9	
6	Thiazide induces hypocalciuria independent of sodium-calcium exchanger 1. <i>FASEB Journal</i> , 2013 , 27, 912.6	0.9	
5	Concomitant Urinary Triple Phosphate and Cystine Crystals.. <i>New England Journal of Medicine</i> , 2022 , 386, 1165	59.2	
4	Elevated serum magnesium lowers calcification propensity in Memo1-deficient mice 2020 , 15, e0236361		
3	Elevated serum magnesium lowers calcification propensity in Memo1-deficient mice 2020 , 15, e0236361		

2 Elevated serum magnesium lowers calcification propensity in Memo1-deficient mice **2020**, 15, e0236361

1 Elevated serum magnesium lowers calcification propensity in Memo1-deficient mice **2020**, 15, e0236361