Orson W Moe

List of Publications by Year
in descending order

214 papers	19,085 citations	14655 66 h-index	12272 133 g-index
239 all docs	239 docs citations	239 times ranked	15396 citing authors

#	Article	IF	Citations
1	FGF23 induces left ventricular hypertrophy. Journal of Clinical Investigation, 2011, 121, 4393-4408.	8.2	1,684
2	Regulation of Fibroblast Growth Factor-23 Signaling by Klotho. Journal of Biological Chemistry, 2006, 281, 6120-6123.	3.4	1,174
3	Klotho Deficiency Causes Vascular Calcification in Chronic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2011, 22, 124-136.	6.1	787
4	Kidney stones: pathophysiology and medical management. Lancet, The, 2006, 367, 333-344.	13.7	776
5	Global kidney health 2017 and beyond: a roadmap for closing gaps in care, research, and policy. Lancet, The, 2017, 390, 1888-1917.	13.7	662
6	Klotho: a novel phosphaturic substance acting as an autocrine enzyme in the renal proximal tubule. FASEB Journal, 2010, 24, 3438-3450.	0.5	511
7	Fibroblast Growth Factor 23 and Klotho: Physiology and Pathophysiology of an Endocrine Network of Mineral Metabolism. Annual Review of Physiology, 2013, 75, 503-533.	13.1	478
8	Disruption of the beclin 1â€“BCL2 autophagy regulatory complex promotes longevity in mice. Nature, 2018, 558, 136-140.	27.8	466
9	The metabolic syndrome and uric acid nephrolithiasis: Novel features of renal manifestation of insulin resistance. Kidney International, 2004, 65, 386-392.	5.2	458
10	Hyperuricemia, Acute and Chronic Kidney Disease, Hypertension, and Cardiovascular Disease: Report of a Scientific Workshop Organized by the National Kidney Foundation. American Journal of Kidney Diseases, 2018, 71, 851-865.	1.9	362
11	Î±-Klotho is a non-enzymatic molecular scaffold for FGF23 hormone signalling. Nature, 2018, 553, 461-466.	27.8	348
12	Expression of NHE-3 in the apical membrane of rat renal proximal tubule and thick ascending limb. Kidney International, 1995, 48, 1206-1215.	5.2	335
13	Isolated C-terminal tail of FGF23 alleviates hypophosphatemia by inhibiting FGF23-FGFR-Klotho complex formation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 407-412.	7.1	327
14	Klotho deficiency is an early biomarker of renal ischemiaâ€“reperfusion injury and its replacement is protective. Kidney International, 2010, 78, 1240-1251.	5.2	312
15	Pathophysiologic basis for normouricosuric uric acid nephrolithiasis. Kidney International, 2002, 62, 971-979.	5.2	269
16	Low Urine pH. Clinical Journal of the American Society of Nephrology: CJASN, 2007, 2, 883-888.	4.5	241
17	The Kidney Is the Principal Organ Mediating Klotho Effects. Journal of the American Society of Nephrology: JASN, 2014, 25, 2169-2175.	6.1	238
18	Proximal Tubule Function and Response to Acidosis. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 1627-1638.	4.5	232

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19	Klotho and Phosphate Are Modulators of Pathologic Uremic Cardiac Remodeling. Journal of the American Society of Nephrology: JASN, 2015, 26, 1290-1302.	6.1	231
20	Vitamin D receptor agonists increase klotho and osteopontin while decreasing aortic calcification in mice with chronic kidney disease fed a high phosphate diet. Kidney International, 2012, 82, 1261-1270.	5.2	228
21	Renal Production, Uptake, and Handling of Circulating Î±Klotho. Journal of the American Society of Nephrology: JASN, 2016, 27, 79-90.	6.1	203
22	Urine Composition in Type 2 Diabetes: Predisposition to Uric Acid Nephrolithiasis. Journal of the American Society of Nephrology: JASN, 2006, 17, 1422-1428.	6.1	199
23	Recombinant Î±-Klotho may be prophylactic and therapeutic for acute to chronic kidney disease progression and uremic cardiomyopathy. Kidney International, 2017, 91, 1104-1114.	5.2	193
24	Biochemical profile of stone-forming patients with diabetes mellitus. Urology, 2003, 61, 523-527.	1.0	175
25	Regulation of Renal Outer Medullary Potassium Channel and Renal K⁺Excretion by Klotho. Molecular Pharmacology, 2009, 76, 38-46.	2.3	171
26	Klotho and Chronic Kidney Disease. Contributions To Nephrology, 2013, 180, 47-63.	1.1	171
27	A sperm-specific Na+/H+ exchanger (sNHE) is critical for expression and in vivo bicarbonate regulation of the soluble adenylyl cyclase (sAC). Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9325-9330.	7.1	159
28	Reducing major risk factors for chronic kidney disease. Kidney International Supplements, 2017, 7, 71-87.	14.2	155
29	Insulin activates Na⁺/H⁺exchanger 3: biphasic response and glucocorticoid dependence. American Journal of Physiology - Renal Physiology, 2002, 283, F532-F539.	2.7	149
30	Î±Klotho Mitigates Progression of AKI to CKD through Activation of Autophagy. Journal of the American Society of Nephrology: JASN, 2016, 27, 2331-2345.	6.1	142
31	Acute Inhibition of Na/H Exchanger NHE-3 by cAMP. Journal of Biological Chemistry, 1999, 274, 3978-3987.	3.4	139
32	Novel insights into the pathogenesis of uric acid nephrolithiasis. Current Opinion in Nephrology and Hypertension, 2004, 13, 181-189.	2.0	138
33	Klotho as a potential biomarker and therapy for acute kidney injury. Nature Reviews Nephrology, 2012, 8, 423-429.	9.6	138
34	Dopamine Acutely Stimulates Na+/H+Exchanger (NHE3) Endocytosis via Clathrin-coated Vesicles. Journal of Biological Chemistry, 2001, 276, 26906-26915.	3.4	137
35	Renal and Extrarenal Actions of Klotho. Seminars in Nephrology, 2013, 33, 118-129.	1.6	136
36	Nephrolithiasis-associated bone disease: pathogenesis and treatment options. Kidney International, 2011, 79, 393-403.	5.2	132

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37	The demonstration of Î±Klotho deficiency in human chronic kidney disease with a novel synthetic antibody. Nephrology Dialysis Transplantation, 2015, 30, 223-233.	0.7	124
38	Acute Regulation of Na+/H+ Exchanger NHE3 by Parathyroid Hormone via NHE3 Phosphorylation and Dynamin-dependent Endocytosis. Journal of Biological Chemistry, 2000, 275, 31601-31608.	3.4	123
39	Cloning and characterization of the human soluble adenylyl cyclase. American Journal of Physiology - Cell Physiology, 2005, 288, C1305-C1316.	4.6	123
40	Metabolic Basis for Low Urine pH in Type 2 Diabetes. Clinical Journal of the American Society of Nephrology: CJASN, 2010, 5, 1277-1281.	4.5	123
41	Metabolic diagnosis and medical prevention of calcium nephrolithiasis and its systemic manifestations: a consensus statement. Journal of Nephrology, 2016, 29, 715-734.	2.0	122
42	Etiological Role of Estrogen Status in Renal Stone Formation. Journal of Urology, 2002, 168, 1923-1927.	0.4	113
43	The emerging role of Klotho in clinical nephrology. Nephrology Dialysis Transplantation, 2012, 27, 2650-2657.	0.7	113
44	Acute Regulation of Proximal Tubule Apical Membrane Na/H Exchanger NHE-3. Journal of the American Society of Nephrology: JASN, 1999, 10, 2412-2425.	6.1	112
45	Secreted Klotho and Chronic Kidney Disease. Advances in Experimental Medicine and Biology, 2012, 728, 126-157.	1.6	110
46	Complications of chronic kidney disease: current state, knowledge gaps, and strategy for action. Kidney International Supplements, 2017, 7, 122-129.	14.2	106
47	Klotho has dual protective effects on cisplatin-induced acute kidney injury. Kidney International, 2014, 85, 855-870.	5.2	102
48	Genetic Hypercalciuria. Journal of the American Society of Nephrology: JASN, 2005, 16, 729-745.	6.1	101
49	Chronic metabolic acidosis increases NaDC-1 mRNA and protein abundance in rat kidney. Kidney International, 2000, 58, 206-215.	5.2	100
50	Luminal Na+/H+ exchange in the proximal tubule. Pflugers Archiv European Journal of Physiology, 2009, 458, 5-21.	2.8	100
51	Î±-Klotho protects against oxidative damage in pulmonary epithelia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L566-L575.	2.9	97
52	Characterization of the regulation of renal Na⁺/H⁺exchanger NHE3 by insulin. American Journal of Physiology - Renal Physiology, 2007, 292, F577-F585.	2.7	93
53	Na+/H+ exchangers: physiology and link to hypertension and organ ischemia. Current Opinion in Nephrology and Hypertension, 2005, 14, 485-494.	2.0	92
54	Effect of renal lipid accumulation on proximal tubule Na⁺/H⁺exchange and ammonium secretion. American Journal of Physiology - Renal Physiology, 2008, 294, F1315-F1322.	2.7	91

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55	Na+/H+ Exchangers in Renal Regulation of Acid-Base Balance. Seminars in Nephrology, 2006, 26, 334-344.	1.6	88
56	Effect of high protein diet on stone-forming propensity and bone loss in rats. Kidney International, 2003, 64, 2142-2149.	5.2	87
57	Pharmacotherapy of urolithiasis: evidence from clinical trials. Kidney International, 2011, 79, 385-392.	5.2	86
58	Endothelin-1/endothelin-B receptorâ€“mediated increases in NHE3 activity in chronic metabolic acidosis. Journal of Clinical Investigation, 2001, 107, 1563-1569.	8.2	84
59	Uric Acid Nephrolithiasis: A Systemic Metabolic Disorder. Clinical Reviews in Bone and Mineral Metabolism, 2011, 9, 207-217.	0.8	80
60	Glucocorticoids acutely increase cell surface Na⁺/H⁺exchanger-3 (NHE3) by activation of NHE3 exocytosis. American Journal of Physiology - Renal Physiology, 2005, 289, F685-F691.	2.7	79
61	Klotho in Clinical Nephrology. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 162-176.	4.5	79
62	FGF23-Î±Klotho as a paradigm for a kidney-bone network. Bone, 2017, 100, 4-18.	2.9	76
63	Dopamine acutely decreases apical membrane Na/H exchanger NHE3 protein in mouse renal proximal tubule. Kidney International, 2003, 64, 2133-2141.	5.2	74
64	Acid incubation causes exocytic insertion of NHE3 in OKP cells. American Journal of Physiology - Cell Physiology, 2000, 279, C410-C419.	4.6	73
65	Lipid- and mechanosensitivities of sodium/hydrogen exchangers analyzed by electrical methods. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10482-10487.	7.1	72
66	The Hormone FGF21 Stimulates Water Drinking in Response to Ketogenic Diet and Alcohol. Cell Metabolism, 2018, 27, 1338-1347.e4.	16.2	72
67	Effects of thyroid hormone on the neonatal renal cortical Na+/H+ antiporter. Kidney International, 1998, 53, 1254-1258.	5.2	69
68	Relative effect of urinary calcium and oxalate on saturation of calcium oxalate Rapid Communication. Kidney International, 2004, 66, 2032-2037.	5.2	67
69	Activation of dopamine D₁-like receptors induces acute internalization of the renal Na⁺/phosphate cotransporter NaPi-IIa in mouse kidney and OK cells. American Journal of Physiology - Renal Physiology, 2005, 288, F740-F747.	2.7	65
70	Post-renal transplantation hypophosphatemia: a review and novel insights. Current Opinion in Nephrology and Hypertension, 2006, 15, 97-104.	2.0	64
71	Klotho: a novel regulator of calcium and phosphorus homeostasis. Pflugers Archiv European Journal of Physiology, 2011, 462, 185-193.	2.8	64
72	Thyroid hormone stimulates the renal Na/H exchanger NHE3 by transcriptional activation. American Journal of Physiology - Cell Physiology, 1999, 276, C102-C108.	4.6	62

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73	SLC26A6 and NaDC-1 Transporters Interact to Regulate Oxalate and Citrate Homeostasis. Journal of the American Society of Nephrology: JASN, 2013, 24, 1617-1626.	6.1	58
74	The erythropoietin receptor is a downstream effector of Klotho-induced cytoprotection. Kidney International, 2013, 84, 468-481.	5.2	58
75	Triglycerides in the Human Kidney Cortex: Relationship with Body Size. PLoS ONE, 2014, 9, e101285.	2.5	58
76	Calcineurin homologous protein: a multifunctional Ca²⁺-binding protein family. American Journal of Physiology - Renal Physiology, 2012, 303, F165-F179.	2.7	57
77	Cisplatin nephrotoxicity as a model of chronic kidney disease. Laboratory Investigation, 2018, 98, 1105-1121.	3.7	57
78	Acute regulation of Na/H exchanger NHE3 activity by protein kinase C: role of NHE3 phosphorylation. American Journal of Physiology - Cell Physiology, 1999, 276, C1205-C1217.	4.6	56
79	Pathophysiology of uric acid nephrolithiasis. Endocrinology and Metabolism Clinics of North America, 2002, 31, 895-914.	3.2	56
80	Relationship Between Serum Uric Acid and Bone Mineral Density in the General Population and in Rats With Experimental Hyperuricemia. Journal of Bone and Mineral Research, 2015, 30, 992-999.	2.8	56
81	Renal tubular cell spliced X-box binding protein 1 (Xbp1s) has a unique role in sepsis-induced acute kidney injury and inflammation. Kidney International, 2019, 96, 1359-1373.	5.2	56
82	Renin Regulation in Cultured Proximal Tubular Cells. Hypertension, 1996, 27, 1337-1340.	2.7	56
83	Characterization of the Sodium/Hydrogen Exchanger NHA2. Journal of the American Society of Nephrology: JASN, 2008, 19, 1547-1556.	6.1	54
84	Klotho Variants and Chronic Hemodialysis Mortality. Journal of Bone and Mineral Research, 2009, 24, 1847-1855.	2.8	54
85	Ontogeny of NHE8 in the rat proximal tubule. American Journal of Physiology - Renal Physiology, 2007, 293, F255-F261.	2.7	52
86	ET_B receptor activation causes exocytic insertion of NHE3 in OKP cells. American Journal of Physiology - Renal Physiology, 2001, 280, F34-F42.	2.7	51
87	Renal cortical mitochondrial aconitase is regulated in hypo- and hypercitraturia. Kidney International, 1998, 54, 160-165.	5.2	50
88	Steady-state Function of the Ubiquitous Mammalian Na/H Exchanger (NHE1) in Relation to Dimer Coupling Models with 2Na/2H Stoichiometry. Journal of General Physiology, 2008, 132, 465-480.	1.9	50
89	Incomplete distal renal tubular acidosis from a heterozygous mutation of the V-ATPase B1 subunit. American Journal of Physiology - Renal Physiology, 2014, 307, F1063-F1071.	2.7	48
90	The Vacuolar H+-ATPase B1 Subunit Polymorphism p.E161K Associates with Impaired Urinary Acidification in Recurrent Stone Formers. Journal of the American Society of Nephrology: JASN, 2016, 27, 1544-1554.	6.1	48

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91	Characterization of acute inhibition of Na/H exchanger NHE-3 by dopamine in opossum kidney cells. Kidney International, 2001, 59, 197-209.	5.2	47
92	Adiponectin alters renal calcium and phosphate excretion through regulation of klotho expression. Kidney International, 2017, 91, 324-337.	5.2	45
93	Ontogeny of Na+/H+ Antiporter Activity in Rat Proximal Convoluted Tubules. Pediatric Research, 2000, 48, 206-210.	2.3	44
94	Reduction of renal triglyceride accumulation: effects on proximal tubule Na⁺/H⁺exchange and urinary acidification. American Journal of Physiology - Renal Physiology, 2009, 297, F1419-F1426.	2.7	44
95	Temporal Changes in Kidney Stone Composition and in Risk Factors Predisposing to Stone Formation. Journal of Urology, 2017, 197, 1465-1471.	0.4	44
96	Clinical acidâ€“base pathophysiology: disorders of plasma anion gap. Best Practice and Research in Clinical Endocrinology and Metabolism, 2003, 17, 559-574.	4.7	43
97	Dual role of citrate in mammalian urine. Current Opinion in Nephrology and Hypertension, 2006, 15, 419-424.	2.0	43
98	Inhibition of osteoclast formation and function by bicarbonate: Role of soluble adenylyl cyclase. Journal of Cellular Physiology, 2009, 220, 332-340.	4.1	43
99	Acute Regulation of Na/H Exchanger NHE3 by Adenosine A1 Receptors Is Mediated by Calcineurin Homologous Protein. Journal of Biological Chemistry, 2004, 279, 2962-2974.	3.4	42
100	The diurnal variation in urine acidification differs between normal individuals and uric acid stone formers. Kidney International, 2012, 81, 1123-1130.	5.2	42
101	High dietary phosphate intake induces hypertension and augments exercise pressor reflex function in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R39-R48.	1.8	41
102	Characterization of Na+/H+ exchanger NHE8 in cultured renal epithelial cells. American Journal of Physiology - Renal Physiology, 2007, 293, F761-F766.	2.7	40
103	Role of Î±Klotho and FGF23 in regulation of type II Na-dependent phosphate co-transporters. Pflugers Archiv European Journal of Physiology, 2019, 471, 99-108.	2.8	40
104	Glucocorticoids enhance acid activation of the Na+/H+ exchanger 3 (NHE3). Journal of Clinical Investigation, 1999, 103, 429-435.	8.2	40
105	Albumin Regulates the Na+/H+ Exchanger 3 in OKP Cells. Journal of the American Society of Nephrology: JASN, 2003, 14, 3008-3016.	6.1	38
106	Furosemide/Fludrocortisone Test and Clinical Parameters to Diagnose Incomplete Distal Renal Tubular Acidosis in Kidney Stone Formers. Clinical Journal of the American Society of Nephrology: CJASN, 2017, 12, 1507-1517.	4.5	38
107	Fibroblast growth factor 21 in chronic kidney disease. Journal of Nephrology, 2019, 32, 365-377.	2.0	38
108	Performance of soluble Klotho assays in clinical samples of kidney disease. CKJ: Clinical Kidney Journal, 2020, 13, 235-244.	2.9	38

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109	High-Phosphate Diet Induces Exercise Intolerance and Impairs Fatty Acid Metabolism in Mice. Circulation, 2019, 139, 1422-1434.	1.6	36
110	Beclin 1/Bcl-2 complex-dependent autophagy activity modulates renal susceptibility to ischemia-reperfusion injury and mediates renoprotection by Klotho. American Journal of Physiology - Renal Physiology, 2020, 318, F772-F792.	2.7	36
111	Net Acid Excretion and Urinary Organic Anions in Idiopathic Uric Acid Nephrolithiasis. Clinical Journal of the American Society of Nephrology: CJASN, 2019, 14, 411-420.	4.5	34
112	Klotho and kidney disease. Journal of Nephrology, 2010, 23 Suppl 16, S136-44.	2.0	33
113	Renal ammonium excretion after an acute acid load: blunted response in uric acid stone formers but not in patients with type 2 diabetes. American Journal of Physiology - Renal Physiology, 2013, 305, F1498-F1503.	2.7	32
114	Effects of Sex and Postmenopausal Estrogen Use on Serum PhosphorusÂLevels: A Cross-sectional Study of the National HealthÂandÂNutrition Examination Survey (NHANES) 2003-2006. American Journal of Kidney Diseases, 2014, 63, 198-205.	1.9	32
115	Changes in V-ATPase subunits of human urinary exosomes reflect the renal response to acute acid/alkali loading and the defects in distal renal tubularÂacidosis. Kidney International, 2018, 93, 871-880.	5.2	32
116	Î±Klotho deficiency in acute kidney injury contributes to lung damage. Journal of Applied Physiology, 2016, 120, 723-732.	2.5	30
117	Incomplete Distal Renal Tubular Acidosis and Kidney Stones. Advances in Chronic Kidney Disease, 2018, 25, 366-374.	1.4	30
118	Long-term combined treatment with thiazide and potassium citrate in nephrolithiasis does not lead to hypokalemia or hypochloremic metabolic alkalosis. Kidney International, 2003, 63, 240-247.	5.2	29
119	Drug-Induced Metabolic Acidosis. F1000Research, 2015, 4, 1460.	1.6	29
120	Nanoparticle facilitated inhalational delivery of erythropoietin receptor cDNA protects against hyperoxic lung injury. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 811-821.	3.3	29
121	Association of serum magnesium with all-cause mortality in patients with and without chronic kidney disease in the Dallas Heart Study. Nephrology Dialysis Transplantation, 2018, 33, 1389-1396.	0.7	28
122	Posing the Question Again. Journal of the American Society of Nephrology: JASN, 2010, 21, 395-397.	6.1	27
123	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
124	Effects of erythropoietin receptor activity on angiogenesis, tubular injury, and fibrosis in acute kidney injury: a â€œU-shapedâ€•relationship. American Journal of Physiology - Renal Physiology, 2018, 314, F501-F516.	2.7	27
125	Adenosine inhibits the transfected Na⁺â€H⁺ exchanger NHE3 in Xenopus laevis renal epithelial cells (A6/C1). Journal of Physiology, 1999, 515, 829-842.	2.9	26
126	Kidney Tubular Damage and Functional Biomarkers in Acute Kidney Injury Following Cardiac Surgery. Kidney International Reports, 2019, 4, 1131-1142.	0.8	26

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127	Spot urinary citrate-to-creatinine ratio is a marker for acid-base status in chronic kidney disease. Kidney International, 2021, 99, 208-217.	5.2	26
128	Circadian variation in urine pH and uric acid nephrolithiasis risk. Nephrology Dialysis Transplantation, 2007, 22, 2375-2378.	0.7	25
129	Relationship between Urinary Calcium and Bone Mineral Density in Patients with Calcium Nephrolithiasis. Journal of Urology, 2017, 197, 1472-1477.	0.4	25
130	High Phosphate Induces and Klotho Attenuates Kidney Epithelial Senescence and Fibrosis. Frontiers in Pharmacology, 2020, 11, 1273.	3.5	24
131	Acute Kidney Injury After Burn: A Cohort Study From the Parkland Burn Intensive Care Unit. Journal of Burn Care and Research, 2019, 40, 72-78.	0.4	23
132	Hypothesizing on the evolutionary origins of salt-induced hypercalciuria. Current Opinion in Nephrology and Hypertension, 2005, 14, 368-372.	2.0	22
133	Increased production and reduced urinary buffering of acid in uric acid stone formers is ameliorated by pioglitazone. Kidney International, 2019, 95, 1262-1268.	5.2	22
134	PHYSICOCHEMICAL METABOLIC CHARACTERISTICS FOR CALCIUM OXALATE STONE FORMATION IN PATIENTS WITH GOUTY DIATHESIS. Journal of Urology, 2005, 173, 1606-1609.	0.4	21
135	PiT-2 Coming Out of the Pits. American Journal of Physiology - Renal Physiology, 2009, 296, F689-F690.	2.7	21
136	Chronic regulation of the renal Na⁺/H⁺exchanger NHE3 by dopamine: translational and posttranslational mechanisms. American Journal of Physiology - Renal Physiology, 2013, 304, F1169-F1180.	2.7	21
137	Impact of Potassium Citrate vs Citric Acid on Urinary Stone Risk in Calcium Phosphate Stone Formers. Journal of Urology, 2018, 200, 1278-1284.	0.4	21
138	InÂvivo evidence for therapeutic applications of beclin 1 to promote recovery and inhibit fibrosis after acute kidney injury. Kidney International, 2022, 101, 63-78.	5.2	21
139	OKP cells express the Na-dicarboxylate cotransporter NaDC-1. American Journal of Physiology - Cell Physiology, 2004, 287, C64-C72.	4.6	20
140	Hyperuricosuric calcium urolithiasis. Journal of Nephrology, 2018, 31, 189-196.	2.0	20
141	Urine Klotho Is Lower in Critically Ill Patients With Versus Without Acute Kidney Injury and Associates With Major Adverse Kidney Events. , 2019, 1, e0016.		20
142	Î±Klotho and vascular calcification. Current Opinion in Nephrology and Hypertension, 2014, 23, 331-339.	2.0	19
143	Alpha-Klotho Enrichment in Induced Pluripotent Stem Cell Secretome Contributes to Antioxidative Protection in Acute Lung Injury. Stem Cells, 2018, 36, 616-625.	3.2	19
144	Impact of Acute Kidney Injury and CKD onÂAdverse Outcomes in Critically Ill Septic Patients. Kidney International Reports, 2018, 3, 1344-1353.	0.8	19

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145	Serum renin and major adverse kidney events in critically ill patients: a multicenter prospective study. Critical Care, 2021, 25, 294.	5.8	19
146	An apical membrane Na + /H + exchanger isoform, NHE-3, is present in the rat epididymal epithelium. Pflugers Archiv European Journal of Physiology, 2001, 442, 230-236.	2.8	18
147	Scaffolds: Orchestrating proteins to achieve concerted function. Kidney International, 2003, 64, 1916-1917.	5.2	18
148	Uric acid nephrolithiasis: proton titration of an essential molecule?. Current Opinion in Nephrology and Hypertension, 2006, 15, 366-373.	2.0	18
149	The tripartite interaction of phosphate, autophagy, and Î±Klotho in health maintenance. FASEB Journal, 2020, 34, 3129-3150.	0.5	18
150	Sepsis-Associated Acute Kidney Disease and Long-term Kidney Outcomes. Kidney Medicine, 2021, 3, 507-514.e1.	2.0	18
151	Comparison of Semi-Empirical and Computer Derived Methods for Estimating Urinary Saturation of Brushite. Journal of Urology, 2009, 181, 1423-1428.	0.4	17
152	The reduction of Na/H exchanger-3 protein and transcript expression in acute ischemiaâ€“reperfusion injury is mediated by extractable tissue factor(s). Kidney International, 2011, 80, 822-831.	5.2	17
153	Fibroblast growth factor 23: friend or foe in uremia?. Journal of Clinical Investigation, 2012, 122, 2354-2356.	8.2	17
154	Cellular model of proximal tubule NaCl and NaHCO3 absorption. Kidney International, 1990, 38, 605-611.	5.2	15
155	Vitamin-D status and mineral metabolism in two ethnic populations with sarcoidosis. Journal of Investigative Medicine, 2016, 64, 1025-1034.	1.6	15
156	Effects of Potassium Magnesium Citrate Supplementation on 24-Hour Ambulatory Blood Pressure and Oxidative Stress Marker in Prehypertensive and Hypertensive Subjects. American Journal of Cardiology, 2016, 118, 849-853.	1.6	15
157	Low serum magnesium is associated with faster decline in kidney function: the Dallas Heart Study experience. Journal of Investigative Medicine, 2019, 67, 987-994.	1.6	15
158	Minimal change disease with acute renal failure: a case against the nephrosarca hypothesis. Nephrology Dialysis Transplantation, 2004, 19, 2642-2646.	0.7	14
159	Using yeast as a model to study membrane proteins. Current Opinion in Nephrology and Hypertension, 2011, 20, 425-432.	2.0	14
160	Biochemical and histological assessment of Alkali therapy during high animal protein intake in the rat. Bone, 2009, 45, 1004-1009.	2.9	13
161	Physiologic Regulation of Systemic Klotho Levels by Renal CaSR Signaling in Response to CaSR Ligands and pHo. Journal of the American Society of Nephrology: JASN, 2021, 32, 3051-3065.	6.1	13
162	Uric Acid and Urate in Urolithiasis: The Innocent Bystander, Instigator, and Perpetrator. Seminars in Nephrology, 2020, 40, 564-573.	1.6	13

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163	Fibroblast growth factor 23 and acute kidney injury. Pediatric Nephrology, 2015, 30, 1909-1918.	1.7	12
164	Control of metabolic predisposition to cardiovascular complications of chronic kidney disease by effervescent calcium magnesium citrate: a feasibility study. Journal of Nephrology, 2019, 32, 93-100.	2.0	12
165	Hypertrophy of human embryonic stem cellâ€“derived cardiomyocytes supported by positive feedback between Ca2+ and diacylglycerol signals. Pflugers Archiv European Journal of Physiology, 2019, 471, 1143-1157.	2.8	11
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167	Phosphatonin washout inHypmice proximal tubules: evidence for posttranscriptional regulation. American Journal of Physiology - Renal Physiology, 2005, 288, F363-F370.	2.7	10
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