Ross P Holmes

List of Publications by Year
in descending order

63 papers	3,449 citations	126907 33 h-index	138484 58 g-index
63 all docs	63 docs citations	63 times ranked	2561 citing authors

#	Article	IF	Citations
1	Crystal deposition triggers tubule dilation that accelerates cystogenesis in polycystic kidney disease. Journal of Clinical Investigation, 2019, 129, 4506-4522.	8.2	54
2	Oxalate induces mitochondrial dysfunction and disrupts redox homeostasis in a human monocyte derived cell line. Redox Biology, 2018, 15, 207-215.	9.0	54
3	Hydroxyproline Metabolism and Oxalate Synthesis in Primary Hyperoxaluria. Journal of the American Society of Nephrology: JASN, 2018, 29, 1615-1623.	6.1	44
4	The L530R variation associated with recurrent kidney stones impairs the structure and function of TRPV5. Biochemical and Biophysical Research Communications, 2017, 492, 362-367.	2.1	21
5	An Investigational RNAi Therapeutic Targeting Glycolate Oxidase Reduces Oxalate Production in Models of Primary Hyperoxaluria. Journal of the American Society of Nephrology: JASN, 2017, 28, 494-503.	6.1	163
6	RNA interference in the treatment of renal stone disease: Current status and future potentials. International Journal of Surgery, 2016, 36, 713-716.	2.7	9
7	Ascorbic acid intake and oxalate synthesis. Urolithiasis, 2016, 44, 289-297.	2.0	80
8	Oxalate Formation From Glyoxal in Erythrocytes. Urology, 2016, 88, 226.e11-226.e15.	1.0	12
9	Metabolism of 13C5-hydroxyproline in mouse models of Primary Hyperoxaluria and its inhibition by RNAi therapeutics targeting liver glycolate oxidase and hydroxyproline dehydrogenase. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 233-239.	3.8	33
10	Lowering urinary oxalate excretion to decrease calcium oxalate stone disease. Urolithiasis, 2016, 44, 27-32.	2.0	49
11	Hydroxyproline metabolism in a mouse model of Primary Hyperoxaluria Type 3. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 2700-2705.	3.8	13
12	A mutation creating an outâ€ofâ€frame alternative translation initiation site in the <scp><i>GRHPR</i></scp> 5â€² <scp>UTR</scp> causing primary hyperoxaluria type <scp>II</scp>. Clinical Genetics, 2015, 88, 494-498.	2.0	8
13	Fish Oil Supplementation and Urinary Oxalate Excretion in Normal Subjects on a Low-oxalate Diet. Urology, 2014, 84, 779-782.	1.0	6
14	Reply. Urology, 2014, 84, 782.	1.0	0
15	The genetic composition of Oxalobacter formigenes and its relationship to colonization and calcium oxalate stone disease. Urolithiasis, 2013, 41, 187-196.	2.0	61
16	Second Place: The Effects of Oxazyme on Oxalate Degradation: Results and Implications of In Vitro Experiments. Journal of Endourology, 2013, 27, 284-287.	2.1	13
17	The association of cardiovascular disease and metabolic syndrome with nephrolithiasis. Current Opinion in Urology, 2012, 22, 154-159.	1.8	29
18	Noncitrus Alkaline Fruit: A Dietary Alternative for the Treatment of Hypocitraturic Stone Formers. Journal of Endourology, 2012, 26, 1221-1226.	2.1	34

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19	Sensitivity of Human Strains of Oxalobacter formigenes to Commonly Prescribed Antibiotics. Urology, 2012, 79, 1286-1289.	1.0	53
20	The Impact of Dietary Calcium and Oxalate Ratios on Stone Risk. Urology, 2012, 79, 1226-1229.	1.0	22
21	The role of renal water channels in health and disease. Molecular Aspects of Medicine, 2012, 33, 547-552.	6.4	35
22	Glycolate and 2-phosphoglycolate content of tissues measured by ion chromatography coupled to mass spectrometry. Analytical Biochemistry, 2012, 421, 121-124.	2.4	15
23	Oxalobacter Colonization in the Morbidly Obese and Correlation with Urinary Stone Risk. Urology, 2011, 78, 531-534.	1.0	19
24	Oral Antibiotic Treatment of Helicobacter pylori Leads to Persistently Reduced Intestinal Colonization Rates with Oxalobacter formigenes. Journal of Endourology, 2011, 25, 1781-1785.	2.1	55
25	Metabolism of primed, constant infusions of [1,2-13C2] glycine and [1-13C1] phenylalanine to urinary oxalate. Metabolism: Clinical and Experimental, 2011, 60, 950-956.	3.4	27
26	Variability in urinary oxalate measurements between six international laboratories. Nephrology Dialysis Transplantation, 2011, 26, 3954-3959.	0.7	12
27	Structural and Biochemical Studies of Human 4-hydroxy-2-oxoglutarate Aldolase: Implications for Hydroxyproline Metabolism in Primary Hyperoxaluria. PLoS ONE, 2011, 6, e26021.	2.5	47
28	Metabolism of Fructose to Oxalate and Glycolate. Hormone and Metabolic Research, 2010, 42, 868-873.	1.5	44
29	Effect of Soda Consumption on Urinary Stone Risk Parameters. Journal of Endourology, 2009, 23, 347-350.	2.1	31
30	Increased protein intake on controlled oxalate diets does not increase urinary oxalate excretion. Urological Research, 2009, 37, 63-68.	1.5	33
31	Quantitative Assessment of Citric Acid in Lemon Juice, Lime Juice, and Commercially-Available Fruit Juice Products. Journal of Endourology, 2008, 22, 567-570.	2.1	275
32	Effect of Dietary Control of Urinary Uric Acid Excretion in Calcium Oxalate Stone Formers and Non-Stone-Forming Controls. Journal of Endourology, 2007, 21, 232-235.	2.1	10
33	Intestinal and renal handling of oxalate loads in normal individuals and stone formers. Urological Research, 2007, 35, 111-117.	1.5	31
34	Hydroxyproline ingestion and urinary oxalate and glycolate excretion. Kidney International, 2006, 70, 1929-1934.	5.2	134
35	Glyoxylate reductase activity in blood mononuclear cells and the diagnosis of primary hyperoxaluria type 2. Nephrology Dialysis Transplantation, 2006, 21, 2292-2295.	0.7	12
36	Genetic and Dietary Factors in Urinary Citrate Excretion. Journal of Endourology, 2005, 19, 177-182.	2.1	25

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37	Mitochondrial Hydroxyproline Metabolism: Implications for Primary Hyperoxaluria. American Journal of Nephrology, 2005, 25, 171-175.	3.1	34
38	The impact of dietary oxalate on kidney stone formation. Urological Research, 2004, 32, 311-316.	1.5	131
39	<i>Oxalobacter formigenes</i> and Its Potential Role in Human Health. Applied and Environmental Microbiology, 2002, 68, 3841-3847.	3.1	172
40	Contribution of dietary oxalate to urinary oxalate excretion. Kidney International, 2001, 59, 270-276.	5.2	396
41	(L)-2-oxothiazolidine-4-carboxylate in the treatment of primary hyperoxaluria type 1. BJU International, 2001, 88, 858-862.	2.5	11
42	Estimation of the oxalate content of foods and daily oxalate intake. Kidney International, 2000, 57, 1662-1667.	5.2	192
43	Identification of missense, nonsense, and deletion mutations in the GRHPR gene in patients with primary hyperoxaluria typeÂII (PH2). Human Genetics, 2000, 107, 176-185.	3.8	53
44	ROLE OF DIET IN THE THERAPY OF UROLITHIASIS. Urologic Clinics of North America, 2000, 27, 255-268.	1.8	52
45	The gene encoding hydroxypyruvate reductase (GRHPR) is mutated in patients with primary hyperoxaluria type II. Human Molecular Genetics, 1999, 8, 2063-2069.	2.9	177
46	Guaifenesin- and Ephedrine-Induced Stones. Journal of Endourology, 1999, 13, 665-667.	2.1	60
47	Genetic and dietary influences on urinary oxalate excretion. Urological Research, 1998, 26, 195-200.	1.5	35
48	Molecular basis of inherited renal lithiasis. Current Opinion in Urology, 1998, 8, 315-319.	1.8	5
49	Genes in idiopathic calcium oxalate stone disease. World Journal of Urology, 1997, 15, 186-194.	2.2	37
50	Relationship of protein intake to urinary oxalate and glycolate excretion. Kidney International, 1993, 44, 366-372.	5.2	57
51	Estimation of 26-hydroxycholesterol in serum by high-performance liquid chromatography and its measurement in patients with atherosclerosis. The Journal of Steroid Biochemistry, 1990, 36, 351-355.	1.1	38
52	A lack of coordination in the release of urinary lysosomal and brush border enzymes following renovascular surgery. Clinica Chimica Acta, 1989, 186, 1-9.	1.1	8
53	Failure of leukotriene B4 to translocate calcium across phosphatidylcholine membranes. Cell Calcium, 1987, 8, 449-454.	2.4	1
54	The analysis of 25-hydroxycholesterol in plasma and cholesterol-containing foods by high-performance liquid chromatography. Journal of Chromatography A, 1985, 330, 339-346.	3.7	35

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55	The influence of dietary isomeric and saturated fatty acids on atherosclerosis and eicosanoid synthesis in swine. American Journal of Clinical Nutrition, 1984, 39, 215-222.	4.7	28
56	Interactions between components in biological membranes and their implications for membrane function. Progress in Biophysics and Molecular Biology, 1984, 43, 195-257.	2.9	134
57	Failure of phosphatidic acid to translocate Ca2+ across phosphatidylcholine membranes. Nature, 1983, 305, 637-638.	27.8	78
58	THE EFFECT OF MEMBRANE LIPID COMPOSITION ON THE PERMEABILITY OF MEMBRANES TO Ca2+. Annals of the New York Academy of Sciences, 1983, 414, 44-56.	3.8	40
59	A COMPARISON OF THE EFFECTS OF CHOLESTEROL AND 25-HYDROXYCHOLESTEROL ON EGG YOLK LECITHIN LIPOSOMES: SPIN LABEL STUDIES. Annals of the New York Academy of Sciences, 1983, 414, 140-152.	3.8	25
60	The relationship of adequate and excessive intake of vitamin D to health and disease.. Journal of the American College of Nutrition, 1983, 2, 173-199.	1.8	59
61	Cellular motilityâ€"experiments on contractile and motile mechanisms in the slime mouldPhysarum polycephalum. Journal of Biological Education, 1977, 11, 113-120.	1.5	3
62	Calcium uptake during mitosis in the myxomycete Physarum polycephalum. Nature, 1977, 269, 592-594.	27.8	23
63	Synthesis of nucleic acids during the metamorphosis of the blowfly Lucilia cuprina. Insect Biochemistry, 1977, 7, 491-501.	1.8	2