

Ross P Holmes

List of Publications by Year in descending order

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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	Contribution of dietary oxalate to urinary oxalate excretion. <i>Kidney International</i> , 2001, 59, 270-276.	5.2	396
2	Quantitative Assessment of Citric Acid in Lemon Juice, Lime Juice, and Commercially-Available Fruit Juice Products. <i>Journal of Endourology</i> , 2008, 22, 567-570.	2.1	275
3	Estimation of the oxalate content of foods and daily oxalate intake. <i>Kidney International</i> , 2000, 57, 1662-1667.	5.2	192
4	The gene encoding hydroxypyruvate reductase (GRHPR) is mutated in patients with primary hyperoxaluria type II. <i>Human Molecular Genetics</i> , 1999, 8, 2063-2069.	2.9	177
5	<i>Oxalobacter formigenes</i> and Its Potential Role in Human Health. <i>Applied and Environmental Microbiology</i> , 2002, 68, 3841-3847.	3.1	172
6	An Investigational RNAi Therapeutic Targeting Glycolate Oxidase Reduces Oxalate Production in Models of Primary Hyperoxaluria. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 494-503.	6.1	163
7	Interactions between components in biological membranes and their implications for membrane function. <i>Progress in Biophysics and Molecular Biology</i> , 1984, 43, 195-257.	2.9	134
8	Hydroxyproline ingestion and urinary oxalate and glycolate excretion. <i>Kidney International</i> , 2006, 70, 1929-1934.	5.2	134
9	The impact of dietary oxalate on kidney stone formation. <i>Urological Research</i> , 2004, 32, 311-316.	1.5	131
10	Ascorbic acid intake and oxalate synthesis. <i>Urolithiasis</i> , 2016, 44, 289-297.	2.0	80
11	Failure of phosphatidic acid to translocate Ca ²⁺ across phosphatidylcholine membranes. <i>Nature</i> , 1983, 305, 637-638.	27.8	78
12	The genetic composition of <i>Oxalobacter formigenes</i> and its relationship to colonization and calcium oxalate stone disease. <i>Urolithiasis</i> , 2013, 41, 187-196.	2.0	61
13	Guaifenesin- and Ephedrine-Induced Stones. <i>Journal of Endourology</i> , 1999, 13, 665-667.	2.1	60
14	The relationship of adequate and excessive intake of vitamin D to health and disease.. <i>Journal of the American College of Nutrition</i> , 1983, 2, 173-199.	1.8	59
15	Relationship of protein intake to urinary oxalate and glycolate excretion. <i>Kidney International</i> , 1993, 44, 366-372.	5.2	57
16	Oral Antibiotic Treatment of <i>Helicobacter pylori</i> Leads to Persistently Reduced Intestinal Colonization Rates with <i>Oxalobacter formigenes</i> . <i>Journal of Endourology</i> , 2011, 25, 1781-1785.	2.1	55
17	Oxalate induces mitochondrial dysfunction and disrupts redox homeostasis in a human monocyte derived cell line. <i>Redox Biology</i> , 2018, 15, 207-215.	9.0	54
18	Crystal deposition triggers tubule dilation that accelerates cystogenesis in polycystic kidney disease. <i>Journal of Clinical Investigation</i> , 2019, 129, 4506-4522.	8.2	54

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19	Identification of missense, nonsense, and deletion mutations in the GRHPR gene in patients with primary hyperoxaluria type II (PH2). <i>Human Genetics</i> , 2000, 107, 176-185.	3.8	53
20	Sensitivity of Human Strains of <i>Oxalobacter formigenes</i> to Commonly Prescribed Antibiotics. <i>Urology</i> , 2012, 79, 1286-1289.	1.0	53
21	ROLE OF DIET IN THE THERAPY OF UROLITHIASIS. <i>Urologic Clinics of North America</i> , 2000, 27, 255-268.	1.8	52
22	Lowering urinary oxalate excretion to decrease calcium oxalate stone disease. <i>Urolithiasis</i> , 2016, 44, 27-32.	2.0	49
23	Structural and Biochemical Studies of Human 4-hydroxy-2-oxoglutarate Aldolase: Implications for Hydroxyproline Metabolism in Primary Hyperoxaluria. <i>PLoS ONE</i> , 2011, 6, e26021.	2.5	47
24	Metabolism of Fructose to Oxalate and Glycolate. <i>Hormone and Metabolic Research</i> , 2010, 42, 868-873.	1.5	44
25	Hydroxyproline Metabolism and Oxalate Synthesis in Primary Hyperoxaluria. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1615-1623.	6.1	44
26	THE EFFECT OF MEMBRANE LIPID COMPOSITION ON THE PERMEABILITY OF MEMBRANES TO Ca ²⁺ . <i>Annals of the New York Academy of Sciences</i> , 1983, 414, 44-56.	3.8	40
27	Estimation of 26-hydroxycholesterol in serum by high-performance liquid chromatography and its measurement in patients with atherosclerosis. <i>The Journal of Steroid Biochemistry</i> , 1990, 36, 351-355.	1.1	38
28	Genes in idiopathic calcium oxalate stone disease. <i>World Journal of Urology</i> , 1997, 15, 186-194.	2.2	37
29	The analysis of 25-hydroxycholesterol in plasma and cholesterol-containing foods by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1985, 330, 339-346.	3.7	35
30	Genetic and dietary influences on urinary oxalate excretion. <i>Urological Research</i> , 1998, 26, 195-200.	1.5	35
31	The role of renal water channels in health and disease. <i>Molecular Aspects of Medicine</i> , 2012, 33, 547-552.	6.4	35
32	Mitochondrial Hydroxyproline Metabolism: Implications for Primary Hyperoxaluria. <i>American Journal of Nephrology</i> , 2005, 25, 171-175.	3.1	34
33	Noncitrus Alkaline Fruit: A Dietary Alternative for the Treatment of Hypocitraturic Stone Formers. <i>Journal of Endourology</i> , 2012, 26, 1221-1226.	2.1	34
34	Increased protein intake on controlled oxalate diets does not increase urinary oxalate excretion. <i>Urological Research</i> , 2009, 37, 63-68.	1.5	33
35	Metabolism of 13C ⁵ -hydroxyproline in mouse models of Primary Hyperoxaluria and its inhibition by RNAi therapeutics targeting liver glycolate oxidase and hydroxyproline dehydrogenase. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 233-239.	3.8	33
36	Intestinal and renal handling of oxalate loads in normal individuals and stone formers. <i>Urological Research</i> , 2007, 35, 111-117.	1.5	31

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37	Effect of Soda Consumption on Urinary Stone Risk Parameters. <i>Journal of Endourology</i> , 2009, 23, 347-350.	2.1	31
38	The association of cardiovascular disease and metabolic syndrome with nephrolithiasis. <i>Current Opinion in Urology</i> , 2012, 22, 154-159.	1.8	29
39	The influence of dietary isomeric and saturated fatty acids on atherosclerosis and eicosanoid synthesis in swine. <i>American Journal of Clinical Nutrition</i> , 1984, 39, 215-222.	4.7	28
40	Metabolism of primed, constant infusions of [1,2-13C2] glycine and [1-13C1] phenylalanine to urinary oxalate. <i>Metabolism: Clinical and Experimental</i> , 2011, 60, 950-956.	3.4	27
41	A COMPARISON OF THE EFFECTS OF CHOLESTEROL AND 25-HYDROXYCHOLESTEROL ON EGG YOLK LECITHIN LIPOSOMES: SPIN LABEL STUDIES. <i>Annals of the New York Academy of Sciences</i> , 1983, 414, 140-152.	3.8	25
42	Genetic and Dietary Factors in Urinary Citrate Excretion. <i>Journal of Endourology</i> , 2005, 19, 177-182.	2.1	25
43	Calcium uptake during mitosis in the myxomycete <i>Physarum polycephalum</i> . <i>Nature</i> , 1977, 269, 592-594.	27.8	23
44	The Impact of Dietary Calcium and Oxalate Ratios on Stone Risk. <i>Urology</i> , 2012, 79, 1226-1229.	1.0	22
45	The L530R variation associated with recurrent kidney stones impairs the structure and function of TRPV5. <i>Biochemical and Biophysical Research Communications</i> , 2017, 492, 362-367.	2.1	21
46	Oxalobacter Colonization in the Morbidly Obese and Correlation with Urinary Stone Risk. <i>Urology</i> , 2011, 78, 531-534.	1.0	19
47	Glycolate and 2-phosphoglycolate content of tissues measured by ion chromatography coupled to mass spectrometry. <i>Analytical Biochemistry</i> , 2012, 421, 121-124.	2.4	15
48	Second Place: The Effects of Oxazyme on Oxalate Degradation: Results and Implications of In Vitro Experiments. <i>Journal of Endourology</i> , 2013, 27, 284-287.	2.1	13
49	Hydroxyproline metabolism in a mouse model of Primary Hyperoxaluria Type 3. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2700-2705.	3.8	13
50	Glyoxylate reductase activity in blood mononuclear cells and the diagnosis of primary hyperoxaluria type 2. <i>Nephrology Dialysis Transplantation</i> , 2006, 21, 2292-2295.	0.7	12
51	Variability in urinary oxalate measurements between six international laboratories. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 3954-3959.	0.7	12
52	Oxalate Formation From Glyoxal in Erythrocytes. <i>Urology</i> , 2016, 88, 226.e11-226.e15.	1.0	12
53	(L)-2-oxothiazolidine-4-carboxylate in the treatment of primary hyperoxaluria type 1. <i>BJU International</i> , 2001, 88, 858-862.	2.5	11
54	Effect of Dietary Control of Urinary Uric Acid Excretion in Calcium Oxalate Stone Formers and Non-Stone-Forming Controls. <i>Journal of Endourology</i> , 2007, 21, 232-235.	2.1	10

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55	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
56	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
57	A mutation creating an out-of-frame alternative translation initiation site in the <i>GRHPR</i> 5'UTR causing primary hyperoxaluria type II. Clinical Genetics, 2015, 88, 494-498.	2.0	8
58	Fish Oil Supplementation and Urinary Oxalate Excretion in Normal Subjects on a Low-oxalate Diet. Urology, 2014, 84, 779-782.	1.0	6
59	Molecular basis of inherited renal lithiasis. Current Opinion in Urology, 1998, 8, 315-319.	1.8	5
60	Cellular motility experiments on contractile and motile mechanisms in the slime mould <i>Physarum polycephalum</i> . Journal of Biological Education, 1977, 11, 113-120.	1.5	3
61	Synthesis of nucleic acids during the metamorphosis of the blowfly <i>Lucilia cuprina</i> . Insect Biochemistry, 1977, 7, 491-501.	1.8	2
62	Failure of leukotriene B4 to translocate calcium across phosphatidylcholine membranes. Cell Calcium, 1987, 8, 449-454.	2.4	1
63	Reply. Urology, 2014, 84, 782.	1.0	0