

Kidney stones

Nature Reviews Disease Primers

2, 16008

DOI: [10.1038/nrdp.2016.8](https://doi.org/10.1038/nrdp.2016.8)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Histological aspects of the "fixed-particle" model of stone formation: animal studies. <i>Urolithiasis</i> , 2017, 45, 75-87.	1.2	21
2	Pathogenesis of calcium oxalate urinary stone disease: species comparison of humans, dogs, and cats. <i>Urolithiasis</i> , 2017, 45, 329-336.	1.2	28
3	High-pitch low-dose abdominopelvic CT with tin-filtration technique for detecting urinary stones. <i>Abdominal Radiology</i> , 2017, 42, 2127-2134.	1.0	21
4	Reducing major risk factors for chronic kidney disease. <i>Kidney International Supplements</i> , 2017, 7, 71-87.	4.6	155
5	Genetic Risk Factors for Idiopathic Urolithiasis: A Systematic Review of the Literature and Causal Network Analysis. <i>European Urology Focus</i> , 2017, 3, 72-81.	1.6	27
6	Optimizing RNA Extraction of Renal Papilla Biopsy Tissue in Kidney Stone Formers: A New Methodology for Genomic Study. <i>Journal of Endourology</i> , 2017, 31, 922-929.	1.1	4
7	Metabolic Work-up of Patients with Urolithiasis: Indications and Diagnostic Algorithm. <i>European Urology Focus</i> , 2017, 3, 62-71.	1.6	19
8	Genome-Wide Gene Expression Profiling of Randall's Plaques in Calcium Oxalate Stone Formers. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 333-347.	3.0	81
9	Anatomically-specific intratubular and interstitial biominerals in the human renal medullo-papillary complex. <i>PLoS ONE</i> , 2017, 12, e0187103.	1.1	7
10	Recurrence rates of urinary calculi according to stone composition and morphology. <i>Urolithiasis</i> , 2018, 46, 459-470.	1.2	68
11	Geobiology reveals how human kidney stones dissolve in vivo. <i>Scientific Reports</i> , 2018, 8, 13731.	1.6	50
12	Kidney Stone Disease: An Update on Current Concepts. <i>Advances in Urology</i> , 2018, 2018, 1-12.	0.6	388
13	Improvement of Urinary Stones Analysis Combining Morphological Analysis and Infrared Spectroscopy. <i>Journal of Chemistry</i> , 2018, 2018, 1-7.	0.9	7
14	Short-Term Changes in Urinary Relative Supersaturation Predict Recurrence of Kidney Stones: A Tool to Guide Preventive Measures in Urolithiasis. <i>Journal of Urology</i> , 2018, 200, 1082-1087.	0.2	32
15	Pineal Calcification, Melatonin Production, Aging, Associated Health Consequences and Rejuvenation of the Pineal Gland. <i>Molecules</i> , 2018, 23, 301.	1.7	133
16	Thermodynamic modeling of poorly soluble compounds formation in biological fluid. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 133, 1219-1224.	2.0	2
17	Vitamin D and calcium kidney stones: a review and a proposal. <i>International Urology and Nephrology</i> , 2019, 51, 101-111.	0.6	17
18	Metabolically healthy and unhealthy obesity phenotypes and risk of renal stone: a cohort study. <i>International Journal of Obesity</i> , 2019, 43, 852-861.	1.6	14

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19	Calcium Stone: Pathophysiology, Prevention, and Medical Management. , 2019, , 93-106.		1
20	Evaluation of the efficacy of Phyllanthus niruri standardized extract combined with magnesium and vitamin B6 for the treatment of patients with uncomplicated nephrolithiasis. <i>Medicine and Pharmacy Reports</i> , 2019, 92, 153-157.	0.2	3
21	An artificial intelligence-based clinical decision support system for large kidney stone treatment. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2019, 42, 771-779.	1.4	50
22	Thermodynamic and experimental modeling of the formation of the mineral phase of calcification. <i>Journal of Molecular Liquids</i> , 2019, 291, 111260.	2.3	1
23	TRPV5 in renal tubular calcium handling and its potential relevance for nephrolithiasis. <i>Kidney International</i> , 2019, 96, 1283-1291.	2.6	17
24	Inhibition of Spiral Growth and Dissolution at the Brushite (010) Interface by Chondroitin 4-Sulfate. <i>Journal of Physical Chemistry B</i> , 2019, 123, 845-851.	1.2	7
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27	Delving into the Antiurolithiatic Potential of Tribulus terrestris Extract Through “In Vivo Efficacy and Preclinical Safety Investigations in Wistar Rats. <i>Scientific Reports</i> , 2019, 9, 15969.	1.6	12
28	Flagellum Is Responsible for Promoting Effects of Viable Escherichia coli on Calcium Oxalate Crystallization, Crystal Growth, and Crystal Aggregation. <i>Frontiers in Microbiology</i> , 2019, 10, 2507.	1.5	31
29	What Factors Drive Staghorn <i>vs</i> Nonstaghorn Pattern Growth in Patients with Metabolic Stones?. <i>Journal of Endourology</i> , 2019, 33, 954-959.	1.1	1
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31	Proteomics of Crystal–Cell Interactions: A Model for Kidney Stone Research. <i>Cells</i> , 2019, 8, 1076.	1.8	46
32	Pathological Mineralization: The Potential of Mineralomics. <i>Materials</i> , 2019, 12, 3126.	1.3	34
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34	Dual Roles of Melamine in the Formation of Calcium Oxalate Stones. <i>Crystal Growth and Design</i> , 2019, 19, 3998-4007.	1.4	7
35	Rate-controlled nano-layered assembly mechanism of melamine-induced melamine–uric acid stones and its inhibition and elimination methods. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4133-4140.	2.9	8
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38	Phosphaturia in kidney stone formers: Still an enigma. <i>Advances in Clinical Chemistry</i> , 2019, 90, 133-196.	1.8	8
39	Total Surface Area Influences Stone Free Outcomes in Shock Wave Lithotripsy for Distal Ureteral Calculi. <i>Journal of Endourology</i> , 2019, 33, 661-666.	1.1	3
40	Prevention of Calcium Nephrolithiasis: The Influence of Diuresis on Calcium Oxalate Crystallization in Urine. <i>Advances in Preventive Medicine</i> , 2019, 2019, 1-8.	1.1	11
41	Melamine promotes calcium crystal formation in three-dimensional microfluidic device. <i>Scientific Reports</i> , 2019, 9, 875.	1.6	18
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43	Metabolomic analysis reveals a protective effect of Fu-Fang-Jin-Qian-Chao herbal granules on oxalate-induced kidney injury. <i>Bioscience Reports</i> , 2019, 39, .	1.1	8
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47	Cystinuria: genetic aspects, mouse models, and a new approach to therapy. <i>Urolithiasis</i> , 2019, 47, 57-66.	1.2	57
48	Development of a two-stage model system to investigate the mineralization mechanisms involved in idiopathic stone formation: stage 2 in vivo studies of stone growth on biomimetic Randall's plaque. <i>Urolithiasis</i> , 2019, 47, 335-346.	1.2	14
49	¹ H NMR-based metabolomic study of metabolic profiling for the urine of kidney stone patients. <i>Urolithiasis</i> , 2020, 48, 27-35.	1.2	20
50	Sex differences in the temperature dependence of kidney stone presentations: a population-based aggregated case-crossover study. <i>Urolithiasis</i> , 2020, 48, 37-46.	1.2	35
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53	Caffeine intake and the risk of recurrent kidney stones in adults, an analysis of 2007-2014 National Health and Nutrition Examination Surveys. <i>European Journal of Nutrition</i> , 2020, 59, 2683-2692.	1.8	13
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60	Preventing CKD in Developed Countries. <i>Kidney International Reports</i> , 2020, 5, 263-277.	0.4	72
61	A guide to crystal-related and nano- or microparticle-related tissue responses. <i>FEBS Journal</i> , 2020, 287, 818-832.	2.2	11
62	Prevention of recurrent urinary stone disease. <i>Current Opinion in Pediatrics</i> , 2020, 32, 295-299.	1.0	7
63	Dose independent characterization of renal stones by means of dual energy computed tomography and machine learning: an ex-vivo study. <i>European Radiology</i> , 2020, 30, 1397-1404.	2.3	26
64	Symptomatology and Clinic of Hydronephrosis Associated With Uretero Pelvic Junction Anomalies. <i>Frontiers in Pediatrics</i> , 2020, 8, 520.	0.9	5
65	Validation of the French version of the Wisconsin Quality of Life (WISQOL) questionnaire for patients with urolithiasis. <i>Canadian Urological Association Journal</i> , 2020, 15, E227-E231.	0.3	5
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70	Mitochondrial Dysfunction and Kidney Stone Disease. <i>Frontiers in Physiology</i> , 2020, 11, 566506.	1.3	39
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74	The effectiveness and safety of extracorporeal shock wave lithotripsy for the management of kidney stones. <i>Medicine (United States)</i> , 2020, 99, e21910.	0.4	7
75	First Report of Pathogenic Bacterium <i>Kalamiella piersonii</i> Isolated from Urine of a Kidney Stone Patient: Draft Genome and Evidence for Role in Struvite Crystallization. <i>Pathogens</i> , 2020, 9, 711.	1.2	18
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82	Sex Differences in Kidney Stone Disease in Chinese Patients with Type 2 Diabetes Mellitus. <i>Kidney Diseases (Basel, Switzerland)</i> , 2020, 6, 195-203.	1.2	5
83	Investigational Therapies for Primary Hyperoxaluria. <i>Bioconjugate Chemistry</i> , 2020, 31, 1696-1707.	1.8	16
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86	iTRAQ-Based Comparative Proteomics Analysis of Urolithiasis Rats Induced by Ethylene Glycol. <i>BioMed Research International</i> , 2020, 2020, 1-10.	0.9	4
87	Nephrolithiasis and Elevated Urinary Ammonium: A Matched Comparative Study. <i>Urology</i> , 2020, 144, 77-82.	0.5	6
88	Decreased Risk of Renal Calculi in Patients Receiving Androgen Deprivation Therapy for Prostate Cancer. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1762.	1.2	6
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96	Enteric Hyperoxaluria and Kidney Stone Management in Inflammatory Bowel Disease. <i>Current Treatment Options in Gastroenterology</i> , 2020, 18, 384-393.	0.3	1
97	MiR-21 promotes calcium oxalate-induced renal tubular cell injury by targeting PPARA. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, F202-F214.	1.3	15
98	Preparation and characterization of selenized Astragalus polysaccharide and its inhibitory effect on kidney stones. <i>Materials Science and Engineering C</i> , 2020, 110, 110732.	3.8	20
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115	Genetic polymorphisms in CLDN14 (rs219780) and ALP (rs1256328) genes are associated with risk of nephrolithiasis in Egyptian children. <i>Turkish Journal of Urology</i> , 2021, 47, 73-80.	1.3	5
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124	Consumption of Tea, Alcohol, and Fruits and Risk of Kidney Stones: A Prospective Cohort Study in 0.5 Million Chinese Adults. <i>Nutrients</i> , 2021, 13, 1119.	1.7	28
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126	Study of risk factor of urinary calculi according to the association between stone composition with urine component. <i>Scientific Reports</i> , 2021, 11, 8723.	1.6	9
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130	Antiurolithiatic activity of selected plants extracts against calcium oxalate crystals. <i>Journal of Medicinal Plants Research</i> , 2021, 15, 172-177.	0.2	1
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138	Treatment Characteristics of Kidney Stone Disease in Children. <i>Voprosy Sovremennoi Pediatrii - Current Pediatrics</i> , 2021, 20, 122-133.	0.1	0
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141	Recent advances on the mechanisms of kidney stone formation (Review). <i>International Journal of Molecular Medicine</i> , 2021, 48, .	1.8	77
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143	<i>Phyllanthus niruri</i> and <i>Chrysanthellum americanum</i> in association with potassium and magnesium citrates are able to prevent symptomatic episode in patients affected by recurrent urinary stones: A prospective study. <i>Archivio Italiano Di Urologia Andrologia</i> , 2021, 93, 184-188.	0.4	1
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145	Vitexin exerts protective effects against calcium oxalate crystal-induced kidney pyroptosis in vivo and in vitro. <i>Phytomedicine</i> , 2021, 86, 153562.	2.3	32
146	Effect of Vitamin B2-Deficient Diet on Hydroxyproline- or Obesity-Induced Hyperoxaluria in Mice. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2100226.	1.5	3
147	Protective Effects of Quercetin on Oxidative Stress-Induced Tubular Epithelial Damage in the Experimental Rat Hyperoxaluria Model. <i>Medicina (Lithuania)</i> , 2021, 57, 566.	0.8	13

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148	In Vitro Cell Culture Models of Hyperoxaluric States: Calcium Oxalate and Renal Epithelial Cell Interactions. <i>Crystals</i> , 2021, 11, 735.	1.0	6
149	Kidney stone proteomics: an update and perspectives. <i>Expert Review of Proteomics</i> , 2021, 18, 557-569.	1.3	12
150	Nanoparticle Size Effects in Biomedical Applications. <i>ACS Applied Nano Materials</i> , 2021, 4, 6471-6496.	2.4	90
151	Inflammation and injury: what role do they play in the development of Randall's plaques and formation of calcium oxalate kidney stones?. <i>Comptes Rendus Chimie</i> , 2022, 25, 355-372.	0.2	4
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