Michel Daudon

List of Publications by Year
in descending order

82 papers	3,354 citations	147566 31 h-index	155451 55 g-index
87 all docs	87 docs citations	87 times ranked	2045 citing authors

#	Article	IF	Citations
1	Type 2 Diabetes Increases the Risk for Uric Acid Stones. Journal of the American Society of Nephrology: JASN, 2006, 17, 2026-2033.	3.0	274
2	Changes in stone composition according to age and gender of patients: a multivariate epidemiological approach. Urological Research, 2004, 32, 241-7.	1.5	189
3	Influence of body size on urinary stone composition in men and women. Urological Research, 2006, 34, 193-199.	1.5	176
4	MEDICAL TREATMENT OF CYSTINURIA: CRITICAL REAPPRAISAL OF LONG-TERM RESULTS. Journal of Urology, 2000, 163, 1419-1423.	0.2	158
5	Drug-Induced Renal Calculi. Drugs, 2004, 64, 245-275.	4.9	131
6	Vancomycin-Associated Cast Nephropathy. Journal of the American Society of Nephrology: JASN, 2017, 28, 1723-1728.	3.0	112
7	Drug-Induced Kidney Stones and Crystalline Nephropathy: Pathophysiology, Prevention and Treatment. Drugs, 2018, 78, 163-201.	4.9	110
8	Clinical Value of Crystalluria and Quantitative Morphoconstitutional Analysis of Urinary Calculi. Nephron Physiology, 2004, 98, p31-p36.	1.5	101
9	Composition and morphology of phosphate stones and their relation with etiology. Urological Research, 2010, 38, 459-467.	1.5	100
10	Comprehensive morpho-constitutional analysis of urinary stones improves etiological diagnosis and therapeutic strategy of nephrolithiasis. Comptes Rendus Chimie, 2016, 19, 1470-1491.	0.2	89
11	Urolithiasis in HIV-Positive Patients Treated with Atazanavir. Clinical Infectious Diseases, 2007, 45, e105-e108.	2.9	88
12	Randallâ€™s plaque as the origin of calcium oxalate kidney stones. Urolithiasis, 2015, 43, 5-11.	1.2	82
13	CKD and Its Risk Factors among Patients with Cystinuria. Clinical Journal of the American Society of Nephrology: CJASN, 2015, 10, 842-851.	2.2	71
14	Recurrence rates of urinary calculi according to stone composition and morphology. Urolithiasis, 2018, 46, 459-470.	1.2	68
15	Vitamin D, Hypercalciuria and Kidney Stones. Nutrients, 2018, 10, 366.	1.7	68
16	Crystalline Phase Differentiation in Urinary Calcium Phosphate and Magnesium Phosphate Calculi. Scandinavian Journal of Urology and Nephrology, 1999, 33, 299-305.	1.4	64
17	Cystinuria: clinical practice recommendation. Kidney International, 2021, 99, 48-58.	2.6	58
18	Atazanavir crystal nephropathy. Aids, 2007, 21, 2357-2358.	1.0	55

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19	Thulium fiber laser: ready to dust all urinary stone composition types?. World Journal of Urology, 2021, 39, 1693-1698.	1.2	55
20	Calcium Phosphate Stone Morphology Can Reliably Predict Distal Renal Tubular Acidosis. Journal of Urology, 2015, 193, 1564-1569.	0.2	52
21	Stone Formation and Pregnancy: Pathophysiological Insights Gained From Morphoconstitutional Stone Analysis. Journal of Urology, 2010, 183, 1412-1416.	0.2	51
22	Chronic Renal Failure Secondary to 2,8-Dihydroxyadenine Deposition: The First Report of Recurrence in a Kidney Transplant. American Journal of Kidney Diseases, 1994, 24, 104-107.	2.1	50
23	Respective influence of calcium and oxalate urine concentration on the formation of calcium oxalate monohydrate or dihydrate crystals. Comptes Rendus Chimie, 2016, 19, 1504-1513.	0.2	48
24	Fourier Transform Infrared Microscopy Identification of Crystal Deposits in Tissues:Clinical Importance in Various Pathologies. American Journal of Clinical Pathology, 1996, 105, 576-582.	0.4	47
25	Amoxycillin, a rare but possible cause of crystalluria. Nephrology Dialysis Transplantation, 2003, 18, 212-214.	0.4	44
26	Topography, Composition and Structure of Incipient Randall Plaque at the Nanoscale Level. Journal of Urology, 2016, 196, 1566-1574.	0.2	43
27	Fragments and dust after Holmium laser lithotripsy with or without â€œMoses technologyâ€: How are they different?. Journal of Biophotonics, 2019, 12, e201800227.	1.1	42
28	Demographics and Characterization of 10,282 Randall Plaque-Related Kidney Stones. Medicine (United) Tj ETQq0 0 0 rgBT /Overlock 10	0.4	39
29	Quality Assessment of Urinary Stone Analysis: Results of a Multicenter Study of Laboratories in Europe. PLoS ONE, 2016, 11, e0156606.	1.1	37
30	High levels of atazanavir and darunavir in urine and crystalluria in asymptomatic patients. Journal of Antimicrobial Chemotherapy, 2013, 68, 1850-1856.	1.3	36
31	What is the exact definition of stone dust? An in vitro evaluation. World Journal of Urology, 2021, 39, 187-194.	1.2	35
32	Classification of Stones According to Michel Daudon: A Narrative Review. European Urology Focus, 2021, 7, 13-21.	1.6	33
33	Chronic Interstitial Nephritis in An HIV Type-1-Infected Patient Receiving Ritonavir-Boosted Atazanavir. Antiviral Therapy, 2011, 16, 119-121.	0.6	31
34	Calcium and vitamin D have a synergistic role in a rat model of kidney stone disease. Kidney International, 2016, 90, 809-817.	2.6	30
35	Adverse events associated with currently used medical treatments for cystinuria and treatment goals: results from a series of 442 patients in France. BJU International, 2019, 124, 849-861.	1.3	30
36	Urolithiasis in Patients with End Stage Renal Failure. Journal of Urology, 1992, 147, 977-980.	0.2	29

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37	Decreased Kidney Function and Crystal Deposition in the Tubules After Kidney Transplant. American Journal of Kidney Diseases, 2010, 56, 585-590.	2.1	28
38	Crystalluria analysis improves significantly etiologic diagnosis and therapeutic monitoring of nephrolithiasis. Comptes Rendus Chimie, 2016, 19, 1514-1526.	0.2	27
39	Can ureteral stent encrustation analysis predict urinary stone composition?. Urology, 2005, 66, 246-251.	0.5	24
40	Vitamin D and Calcium Supplementation Accelerates Randall's Plaque Formation in a Murine Model. American Journal of Pathology, 2019, 189, 2171-2180.	1.9	24
41	Efavirenz urolithiasis. Aids, 2007, 21, 1992.	1.0	23
42	Randallâ€™s plaque and kidney stones: Recent advances and future challenges. Comptes Rendus Chimie, 2016, 19, 1456-1460.	0.2	22
43	Piridoxilate-Induced Calcium Oxalate Calculi: A New Drug-Induced Metabolic Nephrolithiasis. Journal of Urology, 1987, 138, 258-260.	0.2	20
44	Ciprofloxacin crystalluria. Nephrology Dialysis Transplantation, 2006, 21, 2982-2983.	0.4	20
45	Toward improved endoscopic examination of urinary stones: a concordance study between endoscopic digital pictures vs microscopy. BJU International, 2021, 128, 319-330.	1.3	20
46	Pseudoxanthoma Elasticum, Kidney Stones and Pyrophosphate: From a Rare Disease to Urolithiasis and Vascular Calcifications. International Journal of Molecular Sciences, 2019, 20, 6353.	1.8	19
47	Stone Composition and Morphology: A Window on Etiology. , 2012, , 113-140.		19
48	Endoscopic description of renal papillary abnormalities in stone disease by flexible ureteroscopy: a proposed classification of severity and type. World Journal of Urology, 2016, 34, 1575-1582.	1.2	18
49	Nanometric Chemical Speciation of Abnormal Deposits in Kidney Biopsy: Infrared-Nanospectroscopy Reveals Heterogeneities within Vancomycin Casts. Analytical Chemistry, 2020, 92, 7388-7392.	3.2	18
50	Towards automatic recognition of pure and mixed stones using intraâ€•operative endoscopic digital images. BJU International, 2022, 129, 234-242.	1.3	17
51	The Case | A crystal-clear diagnosis: acute kidney injury in a patient with suspected meningoencephalitis. Kidney International, 2014, 86, 1065-1066.	2.6	16
52	Indinavirâ€•Induced Cholelithiasis in a Patient Infected with Human Immunodeficiency Virus. Clinical Infectious Diseases, 2002, 35, e57-e59.	2.9	15
53	Nephrotoxicity induced by drugs: The case of foscarnet and atazanavirâ€”A SEM and Î¼FTIR investigation. Comptes Rendus Chimie, 2016, 19, 1565-1572.	0.2	15
54	Daily Green Tea Infusions in Hypercalciuric Renal Stone Patients: No Evidence for Increased Stone Risk Factors or Oxalate-Dependent Stones. Nutrients, 2019, 11, 256.	1.7	15

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55	Whitlockite structures in kidney stones indicate infectious origin: a scanning electron microscopy and Synchrotron Radiation investigation. Comptes Rendus Chimie, 2022, 25, 343-354.	0.2	15
56	Using micro computed tomographic imaging for analyzing kidney stones. Comptes Rendus Chimie, 2022, 25, 61-72.	0.2	14
57	Scanning electron microscopyâ€"a powerful imaging technique for the clinician. Comptes Rendus Chimie, 2022, 25, 37-60.	0.2	14
58	How to identify sulfamethoxazole crystals in the urine. Clinica Chimica Acta, 2016, 452, 106-108.	0.5	13
59	Silicone-hydrocoated ureteral stents encrustation and biofilm formation after 3-week dwell time: results of a prospective randomized multicenter clinical study. World Journal of Urology, 2021, 39, 3623-3629.	1.2	13
60	High Prevalence of Opaline Silica in Urinary Stones From Burkina Faso. Urology, 2015, 86, 1090-1096.	0.5	12
61	Classification of the renal papillary abnormalities by flexible ureteroscopy: evaluation of the 2016 version and update. World Journal of Urology, 2021, 39, 177-185.	1.2	11
62	Evaluation and understanding of automated urinary stone recognition methods. BJU International, 2022, 130, 786-798.	1.3	11
63	Crystal size in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î¼</mml:mi></mml:math>crystalline pathologies and its clinical implication. Comptes Rendus Chimie, 2022, 25, 133-147.	0.2	10
64	Clinical Features and Risk Factors for Atazanavir (ATV)-Associated Urolithiasis: A Case-Control Study. PLoS ONE, 2014, 9, e112836.	1.1	10
65	Pathologies related to abnormal deposits in dermatology: a physico-chemical approach. Comptes Rendus Chimie, 2022, 25, 445-476.	0.2	10
66	Intravascular Foscarnet Crystal Precipitation Causing Multiorgan Failure. American Journal of Kidney Diseases, 2015, 65, 152-155.	2.1	9
67	Stone composition independently predicts stone size in 18,029 spontaneously passed stones. World Journal of Urology, 2019, 37, 2493-2499.	1.2	9
68	Raman opportunities in the field of pathological calcifications. Comptes Rendus Chimie, 2022, 25, 83-103.	0.2	9
69	Delayed ileal perforation from sodium polystyreneÂsulfonate. Kidney International, 2018, 93, 1251-1252.	2.6	8
70	Amoxicillin crystalluria is associated with acute kidney injury in patients treated for acute infective endocarditis. Nephrology Dialysis Transplantation, 2021, 36, 1955-1958.	0.4	8
71	In Search of an Efficient Complexing Agent for Oxalates and Phosphates: A Quantum Chemical Study. Nanomaterials, 2021, 11, 1763.	1.9	8
72	Opportunities given by density functional theory in pathological calcifications. Comptes Rendus Chimie, 2022, 25, 209-218.	0.2	7

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73	The crucial contribution of X-ray fluorescence spectroscopy in medicine. Comptes Rendus Chimie, 2022, 25, 165-188.	0.2	6
74	Necrotizing Infundibular Crystalline Folliculitis: An Unusual Clinical Presentation and Demonstration of the Presence of Calcium Palmitate. American Journal of Dermatopathology, 2018, 40, e9-e11.	0.3	4
75	Randallâ€™s plaque as the origin of idiopathic calcium oxalate stone formation: an update. Comptes Rendus Chimie, 2022, 25, 373-391.	0.2	4
76	How Reliable Is Endoscopic Stone Recognition? A Comparison Between Visual Stone Identification and Formal Stone Analysis. Journal of Endourology, 2022, 36, 1362-1370.	1.1	4
77	Thulium Fiber Laser's Dust for Stone Composition Analysis: Is It Enough? A Pilot Study. Journal of Endourology, 2022, 36, 1468-1474.	1.1	4
78	RE: Geobiology reveals how human kidney stones dissolve in vivo (by: Sivaguru et al. 2018). World Journal of Urology, 2019, 37, 2543-2543.	1.2	3
79	Drug-induced nephrolithiasis and crystalluria: theÂparticular case of the sulfasalazine derivatives. Comptes Rendus Chimie, 2022, 25, 295-306.	0.2	3
80	Physicochemistry in medicine: some selected examples. Journal of Spectral Imaging, 0, , .	0.0	3
81	Tolvaptan might prevent kidney stone formation. Nature Reviews Urology, 2016, 13, 130-131.	1.9	2
82	Endoscopic in-situ recognition of urinary stones during LASER-induced stone fragmentation: a modern, effective and essential approach in the diagnostic process in urolithiasis. Comptes Rendus Chimie, 2022, 25, 407-416.	0.2	1