

Antonia Costa-Bauza

List of Publications by Year in descending order

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71
papers

1,561
citations

361296

20
h-index

345118

36
g-index

75
all docs

75
docs citations

75
times ranked

1316
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of theobromine on dissolution of uric acid kidney stones. World Journal of Urology, 2022, 40, 2105-2111.	1.2	1
2	Urine and stone analysis for the investigation of the renal stone former: a consensus conference. Urolithiasis, 2021, 49, 1-16.	1.2	43
3	Rare non-papillary lithiasis of calcium oxalate monohydrate generated on a central core of potassium urate. Urology Case Reports, 2021, 34, 101483.	0.1	0
4	Understanding the Protective Effect of Phytate in Bone Decalcification Related-Diseases. Nutrients, 2021, 13, 2859.	1.7	14
5	Validation of a novel diagnostic test for assessing the risk of urinary uric acid crystallization. Clinica Chimica Acta, 2021, 519, 187-192.	0.5	2
6	A Pilot Randomized Crossover Trial Assessing the Safety and Short-Term Effects of Walnut Consumption by Patients with Chronic Kidney Disease. Nutrients, 2020, 12, 63.	1.7	10
7	Comparison of Two Dietary Supplements for Treatment of Uric Acid Renal Lithiasis: Citrate vs. Citrate + Theobromine. Nutrients, 2020, 12, 2012.	1.7	13
8	Reduction of ureteral stent encrustation by modulating the urine pH and inhibiting the crystal film with a new oral composition: a multicenter, placebo controlled, double blind, randomized clinical trial. BMC Urology, 2020, 20, 65.	0.6	22
9	Key Aspects of Myo-Inositol Hexaphosphate (Phytate) and Pathological Calcifications. Molecules, 2019, 24, 4434.	1.7	23
10	Effect of sample time on urinary lithogenic risk indexes in healthy and stone-forming adults and children. BMC Urology, 2018, 18, 116.	0.6	6
11	Effect of Consumption of Cocoa-Derived Products on Uric Acid Crystallization in Urine of Healthy Volunteers. Nutrients, 2018, 10, 1516.	1.7	15
12	2,4-Diamino-N10-methylpterotic acid (DAMPA) crystalluria in a patient with osteosarcoma treated with carboxypeptidase-G2 rescue after high-dose methotrexate-induced nephrotoxicity. Clinica Chimica Acta, 2018, 487, 1-5.	0.5	5
13	Xanthine urolithiasis: Inhibitors of xanthine crystallization. PLoS ONE, 2018, 13, e0198881.	1.1	5
14	Phytate Decreases Formation of Advanced Glycation End-Products in Patients with Type II Diabetes: Randomized Crossover Trial. Scientific Reports, 2018, 8, 9619.	1.6	39
15	Orbitrap [®] high-resolution mass spectrometry for the identification of amoxicillin crystalluria. Clinical Chemistry and Laboratory Medicine, 2018, 56, 268-271.	1.4	4
16	Quantification of xanthine- and uric acid-related compounds in urine using a "dilute-and-shoot" technique coupling ultra-high-performance liquid chromatography and high-resolution Orbitrap mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1067, 53-60.	1.2	17
17	Mechanism of Randall's Plugs Development. Open Access Journal of Science and Technology, 2017, 5, .	0.2	0
18	A Case of Randall's Plugs Associated to Calcium Oxalate Dihydrate Calculi. Urology Case Reports, 2016, 7, 37-38.	0.1	4

#	ARTICLE	IF	CITATIONS
19	Protective Effect of Myo-Inositol Hexaphosphate (Phytate) on Abdominal Aortic Calcification in Patients With Chronic Kidney Disease. , 2016, 26, 226-236.		20
20	Simplified methods for the evaluation of the risk of forming renal stones and the follow-up of stone-forming propensity during the preventive treatment of stone-formation. Urolithiasis, 2016, 44, 77-82.	1.2	4
21	Novel Colorimetric Determination of Phytate in Urine. Analytical Letters, 2016, 49, 307-318.	1.0	5
22	Effect of consuming a grape seed supplement with abundant phenolic compounds on the oxidative status of healthy human volunteers. Nutrition Journal, 2015, 14, 94.	1.5	32
23	Effects of Polyphenols from Grape Seeds on Renal Lithiasis. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-6.	1.9	23
24	Characterization of deposits in patients with calcific tendinopathy of the supraspinatus. Role of phytate and osteopontin. Journal of Orthopaedic Research, 2015, 33, 475-482.	1.2	14
25	On the origin of calcium oxalate monohydrate papillary renal stones. Urolithiasis, 2015, 43, 33-39.	1.2	20
26	Factors Associated With the Lower Prevalence of Nephrolithiasis in Children Compared With Adults. Urology, 2015, 86, 587-592.	0.5	2
27	Efficacy of Mixtures of Magnesium, Citrate and Phytate as Calcium Oxalate Crystallization Inhibitors in Urine. Journal of Urology, 2015, 194, 812-819.	0.2	32
28	HPLC method for urinary theobromine determination: Effect of consumption of cocoa products on theobromine urinary excretion in children. Clinical Biochemistry, 2015, 48, 1138-1143.	0.8	21
29	Application of nuclear magnetic resonance spectroscopy for identification of ciprofloxacin crystalluria. Clinica Chimica Acta, 2015, 438, 43-45.	0.5	5
30	Relationship between Urinary Level of Phytate and Valvular Calcification in an Elderly Population: A Cross-Sectional Study. PLoS ONE, 2015, 10, e0136560.	1.1	26
31	Theobromine Inhibits Uric Acid Crystallization. A Potential Application in the Treatment of Uric Acid Nephrolithiasis. PLoS ONE, 2014, 9, e111184.	1.1	42
32	Internalization of Calcium Oxalate Calculi Developed in Narrow Cavities. Urology Case Reports, 2014, 2, 51-53.	0.1	1
33	A new device for simple and accurate urinary pH testing by the Stone-former patient. SpringerPlus, 2014, 3, 209.	1.2	15
34	Urinary Phytate (Myo-Inositol Hexaphosphate) in Healthy School Children and Risk of Nephrolithiasis. , 2014, 24, 219-223.		9
35	Renal papillary calcification and the development of calcium oxalate monohydrate papillary renal calculi: a case series study. BMC Urology, 2013, 13, 14.	0.6	13
36	Tracheal oxalosis associated with <i>Aspergillus niger</i> tracheobronchitis. European Respiratory Journal, 2013, 41, 995-997.	3.1	6

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37	A simple and rapid colorimetric method for determination of phytate in urine. <i>Urological Research</i> , 2012, 40, 663-669.	1.5	12
38	Urinary lithogenesis risk tests: Comparison of a commercial kit and a laboratory prototype test. <i>Scandinavian Journal of Urology and Nephrology</i> , 2011, 45, 312-318.	1.4	10
39	The influence of consumption of phytate on the bone mass in posmenopausal women of Mallorca. <i>ReumatologÃa ClÃnica (English Edition)</i> , 2011, 7, 220-223.	0.2	1
40	Rare calcium oxalate monohydrate calculus attached to the wall of the renal pelvis. <i>International Journal of Urology</i> , 2011, 18, 323-325.	0.5	5
41	Non-infectious phosphate renal calculi: Fine structure, chemical and phase composition. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2011, 71, 407-412.	0.6	6
42	Analysis of spontaneously passed urinary tract stones. <i>Urological Research</i> , 2010, 38, 35-39.	1.5	8
43	Phytate levels and bone parameters A retrospective pilot clinical trial. <i>Frontiers in Bioscience - Elite</i> , 2010, E2, 1093-1098.	0.9	13
44	A potential role for crystallization inhibitors in treatment of Alzheimerâ€™s disease. <i>Medical Hypotheses</i> , 2010, 74, 118-119.	0.8	8
45	Origin and Types of Calcium Oxalate Monohydrate Papillary Renal Calculi. <i>Urology</i> , 2010, 76, 1339-1345.	0.5	11
46	Phytotherapy and renal stones: the role of antioxidants. A pilot study in Wistar rats. <i>Urological Research</i> , 2009, 37, 35-40.	1.5	35
47	Anticalculus effect of a triclosan mouthwash containing phytate: a double-blind, randomized, three-period crossover trial. <i>Journal of Periodontal Research</i> , 2009, 44, 616-621.	1.4	33
48	Phytate inhibits bovine pericardium calcification in vitro. <i>Cardiovascular Pathology</i> , 2008, 17, 139-145.	0.7	20
49	The Relationship between High Fluoride Intake and Nephrolithiasis. <i>Current Urology</i> , 2008, 1, 155-160.	0.4	0
50	Uric acid as inducer of calcium oxalate crystal development. <i>Scandinavian Journal of Urology and Nephrology</i> , 2007, 41, 26-31.	1.4	21
51	Type of renal calculi: variation with age and sex. <i>World Journal of Urology</i> , 2007, 25, 415-421.	1.2	68
52	Phytate acts as an inhibitor in formation of renal calculi. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 2580.	3.0	78
53	Renal lithiasis and nutrition. <i>Nutrition Journal</i> , 2006, 5, 23.	1.5	106
54	Papillary and Nonpapillary Calcium Oxalate Monohydrate Renal Calculi: Comparative Study of Etiologic Factors. <i>Scientific World Journal</i> , The, 2006, 6, 2411-2419.	0.8	12

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55	Role of uric acid in different types of calcium oxalate renal calculi. <i>International Journal of Urology</i> , 2006, 13, 252-256.	0.5	24
56	Influence of Concomitant Food Intake on the Excretion of Orally Administered myo-Inositol Hexaphosphate in Humans. <i>Journal of Medicinal Food</i> , 2006, 9, 72-76.	0.8	15
57	Papillary and Nonpapillary Calcium Oxalate Monohydrate Renal Calculi: Comparative Study of Etiologic Factors. <i>TSW Urology</i> , 2006, 1, 116-124.	0.1	4
58	An experimental study on residual lithiasis after shock wave lithotripsy. <i>Urological Research</i> , 2005, 33, 51-56.	1.5	18
59	Factors affecting the regrowth of renal stones in vitro: A contribution to the understanding of renal stone development. <i>Scandinavian Journal of Urology and Nephrology</i> , 2005, 39, 194-199.	1.4	14
60	Role of the organic matter in calcium oxalate lithiasis. <i>Frontiers in Bioscience - Landmark</i> , 2005, 10, 1534.	3.0	2
61	The role of glycoproteins in calcium oxalate crystal development. <i>BJU International</i> , 2004, 94, 177-181.	1.3	11
62	Effect of phytate on element bioavailability in the second generation of rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2004, 17, 229-234.	1.5	33
63	Determination of myo-inositol in biological samples by liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 802, 367-370.	1.2	15
64	Sialolithiasis: mechanism of calculi formation and etiologic factors. <i>Clinica Chimica Acta</i> , 2003, 334, 131-136.	0.5	136
65	Recurrence of renal lithiasis. <i>Scandinavian Journal of Urology and Nephrology</i> , 2003, 37, 482-486.	1.4	16
66	Simple classification of renal calculi closely related to their micromorphology and etiology. <i>Clinica Chimica Acta</i> , 2002, 322, 29-36.	0.5	123
67	Synergism between the brushite and hydroxyapatite urinary crystallization inhibitors. <i>International Urology and Nephrology</i> , 2002, 34, 447-451.	0.6	6
68	Absorption and excretion of orally administered inositol hexaphosphate (IP ₆ or phytate) in humans. <i>BioFactors</i> , 2001, 15, 53-61.	2.6	110
69	Kinetic versus thermodynamic factors in calcium renal lithiasis. <i>International Urology and Nephrology</i> , 2000, 32, 19-27.	0.6	16
70	Uric acid calculi: types, etiology and mechanisms of formation. <i>Clinica Chimica Acta</i> , 2000, 302, 89-104.	0.5	40
71	Mechanisms of Renal and Salivary Calculi Formation and Development. , 0, , 39-69.		1