

Andreas Pasch

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,580
citations

218592

26
h-index

189801

50
g-index

64
all docs

64
docs citations

64
times ranked

2548
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticle-Based Test Measures Overall Propensity for Calcification in Serum. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 1744-1752.	3.0	275
2	The Reactive Species Interactome: Evolutionary Emergence, Biological Significance, and Opportunities for Redox Metabolomics and Personalized Medicine. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 684-712.	2.5	244
3	Serum Calcification Propensity Predicts All-Cause Mortality in Predialysis CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 339-348.	3.0	198
4	Calcification of vascular smooth muscle cells is induced by secondary calciprotein particles and enhanced by tumor necrosis factor- α . <i>Atherosclerosis</i> , 2016, 251, 404-414.	0.4	188
5	Oxidative Stress and Redox-Modulating Therapeutics in Inflammatory Bowel Disease. <i>Trends in Molecular Medicine</i> , 2020, 26, 1034-1046.	3.5	169
6	Signaling pathways involved in vascular smooth muscle cell calcification during hyperphosphatemia. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2077-2091.	2.4	127
7	Blood Calcification Propensity, Cardiovascular Events, and Survival in Patients Receiving Hemodialysis in the EVOLVE Trial. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 315-322.	2.2	122
8	Sodium thiosulfate prevents vascular calcifications in uremic rats. <i>Kidney International</i> , 2008, 74, 1444-1453.	2.6	120
9	Calcification Propensity and Survival among Renal Transplant Recipients. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 239-248.	3.0	115
10	Hydrogen sulfide attenuates calcification of vascular smooth muscle cells via KEAP1/NRF2/NQO1 activation. <i>Atherosclerosis</i> , 2017, 265, 78-86.	0.4	83
11	Sodium thiosulfate attenuates angiotensin II-induced hypertension, proteinuria and renal damage. These authors contributed equally to this manuscript. <i>Nitric Oxide - Biology and Chemistry</i> , 2014, 42, 87-98.	1.2	73
12	Oral Magnesium Supplementation in Chronic Kidney Disease Stages 3 and 4: Efficacy, Safety, and Effect on Serum Calcification Propensity. Prospective Randomized Double-Blinded Placebo-Controlled Clinical Trial. <i>Kidney International Reports</i> , 2017, 2, 380-389.	0.4	72
13	Urinary Sulfur Metabolites Associate with a Favorable Cardiovascular Risk Profile and Survival Benefit in Renal Transplant Recipients. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1303-1312.	3.0	64
14	A novel fluorescent probe-based flow cytometric assay for mineral-containing nanoparticles in serum. <i>Scientific Reports</i> , 2017, 7, 5686.	1.6	62
15	The Vacuolar H ⁺ -ATPase B1 Subunit Polymorphism p.E161K Associates with Impaired Urinary Acidification in Recurrent Stone Formers. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1544-1554.	3.0	48
16	Sodium Thiosulfate Ameliorates Oxidative Stress and Preserves Renal Function in Hyperoxaluric Rats. <i>PLoS ONE</i> , 2015, 10, e0124881.	1.1	44
17	Novel assessments of systemic calcification propensity. <i>Current Opinion in Nephrology and Hypertension</i> , 2016, 25, 278-284.	1.0	39
18	Serum free thiols predict cardiovascular events and all-cause mortality in the general population: a prospective cohort study. <i>BMC Medicine</i> , 2020, 18, 130.	2.3	39

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19	Circulating uromodulin inhibits vascular calcification by interfering with pro-inflammatory cytokine signalling. <i>Cardiovascular Research</i> , 2021, 117, 930-941.	1.8	38
20	Phosphate, Calcification in Blood, and Mineral Stress: The Physiologic Blood Mineral Buffering System and Its Association with Cardiovascular Risk. <i>International Journal of Nephrology</i> , 2018, 2018, 1-5.	0.7	33
21	Impact of C-reactive protein on osteo-/chondrogenic transdifferentiation and calcification of vascular smooth muscle cells. <i>Aging</i> , 2019, 11, 5445-5462.	1.4	33
22	High-Flux Hemodialysis and High-Volume Hemodiafiltration Improve Serum Calcification Propensity. <i>PLoS ONE</i> , 2016, 11, e0151508.	1.1	30
23	The effect of increasing dialysate magnesium on calciprotein particles, inflammation and bone markers: <i>post hoc</i> analysis from a randomized controlled clinical trial. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 713-721.	0.4	30
24	High urinary sulfate concentration is associated with reduced risk of renal disease progression in type 2 diabetes. <i>Nitric Oxide - Biology and Chemistry</i> , 2016, 55-56, 18-24.	1.2	28
25	High signal intensity in dentate nucleus and globus pallidus on unenhanced T1-weighted MR images in three patients with impaired renal function and vascular calcification. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 245-250.	0.4	28
26	Serum calcification propensity is associated with renal tissue oxygenation and resistive index in patients with arterial hypertension or chronic kidney disease. <i>Journal of Hypertension</i> , 2017, 35, 2044-2052.	0.3	28
27	Oxidative stress is associated with suspected non-alcoholic fatty liver disease and all-cause mortality in the general population. <i>Liver International</i> , 2020, 40, 2148-2159.	1.9	28
28	PTH and 1.25 vitamin D response to a low-calcium diet is associated with bone mineral density in renal stone formers. <i>Nephrology Dialysis Transplantation</i> , 2008, 23, 2563-2570.	0.4	19
29	The role of the gasotransmitter hydrogen sulfide in pathological calcification. <i>British Journal of Pharmacology</i> , 2020, 177, 778-792.	2.7	18
30	Haemodialysis in massive caffeine intoxication. <i>CKJ: Clinical Kidney Journal</i> , 2012, 5, 150-152.	1.4	17
31	Systemic Oxidative Stress, Aging and the Risk of Cardiovascular Events in the General Female Population. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 630543.	1.1	16
32	Phosphocalcic Markers and Calcification Propensity for Assessment of Interstitial Fibrosis and Vascular Lesions in Kidney Allograft Recipients. <i>PLoS ONE</i> , 2016, 11, e0167929.	1.1	15
33	The effect of phosphate binder therapy with sucroferric oxyhydroxide on calcification propensity in chronic haemodialysis patients: a randomized, controlled, crossover trial. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 631-638.	1.4	13
34	Effect of nutritional calcium and phosphate loading on calciprotein particle kinetics in adults with normal and impaired kidney function. <i>Scientific Reports</i> , 2022, 12, 7358.	1.6	13
35	Living kidney donation does not adversely affect serum calcification propensity and markers of vascular stiffness. <i>Transplant International</i> , 2015, 28, 1074-1080.	0.8	12
36	Safety and Tolerability of Sodium Thiosulfate in Patients with an Acute Coronary Syndrome Undergoing Coronary Angiography: A Dose-Escalation Safety Pilot Study (SAFE-ACS). <i>Journal of Interventional Cardiology</i> , 2020, 2020, 1-8.	0.5	12

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37	Serum free sulfhydryl status associates with new-onset chronic kidney disease in the general population. <i>Redox Biology</i> , 2021, 48, 102211.	3.9	11
38	Hope for CKD-MBD Patients: New Diagnostic Approaches for Better Treatment of CKD-MBD. <i>Kidney Diseases (Basel, Switzerland)</i> , 2017, 3, 8-14.	1.2	9
39	Elevated serum magnesium lowers calcification propensity in Memo1-deficient mice. <i>PLoS ONE</i> , 2020, 15, e0236361.	1.1	9
40	Serum calcification propensity is associated with HbA1c in type 2 diabetes mellitus. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002016.	1.2	9
41	The Case Hypercalcemia in a 60-year-old male. <i>Kidney International</i> , 2014, 85, 219-221.	2.6	8
42	Bone mass gain after parathyroidectomy. <i>Kidney International</i> , 2008, 74, 697-699.	2.6	7
43	Serum Calcification Propensity T50 Associates with Disease Severity in Patients with Pseudoxanthoma Elasticum. <i>Journal of Clinical Medicine</i> , 2022, 11, 3727.	1.0	7
44	Rapid calcification propensity testing in blood using a temperature controlled microfluidic polymer chip. <i>PLoS ONE</i> , 2020, 15, e0230493.	1.1	6
45	Serum calcification propensity in type 1 diabetes associates with mineral stress. <i>Diabetes Research and Clinical Practice</i> , 2019, 158, 107917.	1.1	5
46	Protective effects of spironolactone on vascular calcification in chronic kidney disease. <i>Biochemical and Biophysical Research Communications</i> , 2021, 582, 28-34.	1.0	4
47	Serum Calcification Propensity and Calcification of the Abdominal Aorta in Patients With Primary Aldosteronism. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 771096.	1.1	4
48	Favourable serum calcification propensity with intraperitoneal as compared with subcutaneous insulin administration in type 1 diabetes. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2020, 11, 204201882090845.	1.4	3
49	When extracorporeal CPR fails—fatal ionized hypocalcemia during cardiac arrest. <i>American Journal of Emergency Medicine</i> , 2016, 34, 2251.e1-2251.e2.	0.7	2
50	Long-Term Effects of Sevelamer on Vascular Calcification, Arterial Stiffness, and Calcification Propensity in Patients Receiving Peritoneal Dialysis: The Randomized Pilot SERENE (Sevelamer on) Tj ETQq0 0 0 rgBT.0 Overlook 10 Tf 50		
51	The Case A nonhealing skin ulcer in a patient 5 years after successful transplantation. <i>Kidney International</i> , 2021, 100, 1357-1358.	2.6	1
52	Efficacy and Safety of Cinacalcet in Chronic Kidney Disease Stage III and IV. <i>Clinical Medicine Therapeutics</i> , 2009, 1, CMT.S3189.	0.1	0
53	Title is missing!. , 2020, 15, e0230493.		0
54	Title is missing!. , 2020, 15, e0230493.		0

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55	Title is missing!. , 2020, 15, e0230493.		0
56	Title is missing!. , 2020, 15, e0230493.		0
57	Title is missing!. , 2020, 15, e0230493.		0
58	Title is missing!. , 2020, 15, e0230493.		0
59	Title is missing!. , 2020, 15, e0230493.		0
60	Elevated serum magnesium lowers calcification propensity in Memo1-deficient mice. , 2020, 15, e0236361.		0
61	Elevated serum magnesium lowers calcification propensity in Memo1-deficient mice. , 2020, 15, e0236361.		0
62	Elevated serum magnesium lowers calcification propensity in Memo1-deficient mice. , 2020, 15, e0236361.		0
63	Elevated serum magnesium lowers calcification propensity in Memo1-deficient mice. , 2020, 15, e0236361.		0