

Mirjam Schuchardt

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,101
citations

304743

22
h-index

233421

45
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49
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49
docs citations

49
times ranked

3165
citing authors

#	ARTICLE	IF	CITATIONS
1	Acid sphingomyelinase promotes SGK1-dependent vascular calcification. <i>Clinical Science</i> , 2021, 135, 515-534.	4.3	9
2	Long-Term Treatment of Azathioprine in Rats Induces Vessel Mineralization. <i>Biomedicines</i> , 2021, 9, 327.	3.2	4
3	Vascular Calcification in Rodent Models—Keeping Track with an Extended Method Assortment. <i>Biology</i> , 2021, 10, 459.	2.8	8
4	Medial Arterial Calcification. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1145-1165.	2.8	106
5	Stressor-Induced Inflammation of Vascular Smooth Muscle Cells via Nlrp3-Mediated Pro-inflammatory Auto-Loop. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 752305.	2.4	9
6	A Novel Long-Term ex vivo Model for Studying Vascular Calcification Pathogenesis: The Rat Isolated-Perfused Aorta. <i>Journal of Vascular Research</i> , 2020, 57, 46-52.	1.4	4
7	Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: Efficacy of Repeat Immunoabsorption. <i>Journal of Clinical Medicine</i> , 2020, 9, 2443.	2.4	24
8	A Novel Protocol for Detection of Senescence and Calcification Markers by Fluorescence Microscopy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3475.	4.1	6
9	Research Models for Studying Vascular Calcification. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2204.	4.1	34
10	Comparability of Plasma Iohexol Clearance Across Population-Based Cohorts. <i>American Journal of Kidney Diseases</i> , 2020, 76, 54-62.	1.9	9
11	The cardiovascular phenotype of adult patients with phenylketonuria. <i>Orphanet Journal of Rare Diseases</i> , 2019, 14, 213.	2.7	33
12	Dysfunctional high-density lipoprotein activates toll-like receptors via serum amyloid A in vascular smooth muscle cells. <i>Scientific Reports</i> , 2019, 9, 3421.	3.3	22
13	In times of tobacco-free nicotine consumption: The influence of nicotine on vascular calcification. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13077.	3.4	21
14	Control of blood pressure and risk of mortality in a cohort of older adults: the Berlin Initiative Study. <i>European Heart Journal</i> , 2019, 40, 2021-2028.	2.2	54
15	Stability of human serum albumin structure upon toxin uptake explored by small angle neutron scattering. <i>Polymer</i> , 2018, 141, 175-183.	3.8	2
16	Diabetes Mellitus in Pregnancy Leads to Growth Restriction and Epigenetic Modification of the <i>Srebf2</i> Gene in Rat Fetuses. <i>Hypertension</i> , 2018, 71, 911-920.	2.7	30
17	Prevalence of reduced kidney function and albuminuria in older adults: the Berlin Initiative Study. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, gfw079.	0.7	52
18	High density lipoprotein (HDL) particles from end-stage renal disease patients are defective in promoting reverse cholesterol transport. <i>Scientific Reports</i> , 2017, 7, 41481.	3.3	25

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19	Interaction of human serum albumin with uremic toxins: a thermodynamic study. RSC Advances, 2017, 7, 27913-27922.	3.6	23
20	Beta Trace Protein does not outperform Creatinine and Cystatin C in estimating Glomerular Filtration Rate in Older Adults. Scientific Reports, 2017, 7, 12656.	3.3	9
21	Xanthine Oxidase and its Role as Target in Cardiovascular Disease: Cardiovascular Protection by Enzyme Inhibition?. Current Pharmaceutical Design, 2017, 23, 3391-3404.	1.9	19
22	Regulation of endothelial nitric oxide synthase activation in endothelial cells by S1P1 and S1P3. Biochemical and Biophysical Research Communications, 2016, 476, 627-634.	2.1	17
23	Cystatin C standardization decreases assay variation and improves assessment of glomerular filtration rate. Clinica Chimica Acta, 2016, 456, 115-121.	1.1	36
24	Arteriosclerosis and vascular calcification: causes, clinical assessment and therapy. European Journal of Clinical Investigation, 2015, 45, 976-985.	3.4	85
25	Iohexol plasma clearance measurement in older adults with chronic kidney disease—sampling time matters. Nephrology Dialysis Transplantation, 2015, 30, 1307-1314.	0.7	34
26	High-Density Lipoprotein: Structural and Functional Changes Under Uremic Conditions and the Therapeutic Consequences. Handbook of Experimental Pharmacology, 2015, 224, 423-453.	1.8	7
27	Anti-VEGF Drugs in Eye Diseases: Local Therapy with Potential Systemic Effects. Current Pharmaceutical Design, 2015, 21, 3548-3556.	1.9	23
28	A highly sensitive method for quantification of iohexol. Analytical Methods, 2014, 6, 3706-3712.	2.7	4
29	Harmful Effects of the Azathioprine Metabolite 6-Mercaptopurine in Vascular Cells: Induction of Mineralization. PLoS ONE, 2014, 9, e101709.	2.5	13
30	The enzymatic activity of the VEGFR2 receptor for the biosynthesis of dinucleoside polyphosphates. Journal of Molecular Medicine, 2013, 91, 1095-1107.	3.9	17
31	Identification of a Potent Endothelium-Derived Angiogenic Factor. PLoS ONE, 2013, 8, e68575.	2.5	3
32	High-density lipoprotein loses its anti-inflammatory capacity by accumulation of pro-inflammatory-serum amyloid A. Cardiovascular Research, 2012, 94, 154-162.	3.8	122
33	P2Y Purinoceptors as Potential Emerging Therapeutic Target in Vascular Disease. Current Pharmaceutical Design, 2012, 18, 6169-6180.	1.9	15
34	Two Novel Equations to Estimate Kidney Function in Persons Aged 70 Years or Older. Annals of Internal Medicine, 2012, 157, 471.	3.9	487
35	Uridine adenosine tetraphosphate (Up4A) is a strong inducer of smooth muscle cell migration via activation of the P2Y2 receptor and cross-communication to the PDGF receptor. Biochemical and Biophysical Research Communications, 2012, 417, 1035-1040.	2.1	30
36	Uridine adenosine tetraphosphate activation of the purinergic receptor P2Y enhances in vitro vascular calcification. Kidney International, 2012, 81, 256-265.	5.2	33

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37	Pharmacological relevance and potential of sphingosine 1-phosphate in the vascular system. <i>British Journal of Pharmacology</i> , 2011, 163, 1140-1162.	5.4	61
38	The endothelium-derived contracting factor uridine adenosine tetraphosphate induces P2Y2-mediated pro-inflammatory signaling by monocyte chemoattractant protein-1 formation. <i>Journal of Molecular Medicine</i> , 2011, 89, 799-810.	3.9	20
39	Relevance of Sphingolipids in the Pleiotropic Protective Effects of High-Density Lipoproteins. <i>Current Pharmaceutical Design</i> , 2010, 16, 1468-1479.	1.9	10
40	Increased type IIA secretory phospholipase A2 expression contributes to oxidative stress in end-stage renal disease. <i>Journal of Molecular Medicine</i> , 2010, 88, 75-83.	3.9	13
41	Differential effects of uridine adenosine tetraphosphate on purinoceptors in the rat isolated perfused kidney. <i>British Journal of Pharmacology</i> , 2010, 161, 530-540.	5.4	30
42	Enhancement of the endothelial NO synthase attenuates experimental diastolic heart failure. <i>Basic Research in Cardiology</i> , 2009, 104, 499-509.	5.9	63
43	HDL-Associated Lysosphingolipids Inhibit NAD(P)H Oxidase-Dependent Monocyte Chemoattractant Protein-1 Production. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1542-1548.	2.4	136
44	Adenosine 5'-Tetraphosphate Is a Highly Potent Purinergic Endothelium-Derived Vasoconstrictor. <i>Circulation Research</i> , 2008, 103, 1100-1108.	4.5	19
45	Mass-Spectrometric Identification of a Novel Angiotensin Peptide in Human Plasma. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 297-302.	2.4	165
46	The Sphingosine-1-Phosphate Analogue FTY720 Reduces Atherosclerosis in Apolipoprotein E-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 607-613.	2.4	152
47	The sphingosine-1-phosphate analogue FTY720 reduces atherosclerosis in apolipoprotein e-deficient mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, S224.	1.9	1