

Mirjam Schuchardt

List of Publications by Year in descending order

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47
papers

2,101
citations

304743

22
h-index

233421

45
g-index

49
all docs

49
docs citations

49
times ranked

3165
citing authors

#	ARTICLE	IF	CITATIONS
1	Two Novel Equations to Estimate Kidney Function in Persons Aged 70 Years or Older. <i>Annals of Internal Medicine</i> , 2012, 157, 471.	3.9	487
2	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
3	The Sphingosine-1-Phosphate Analogue FTY720 Reduces Atherosclerosis in Apolipoprotein Eâ€“Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 607-613.	2.4	152
4	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
5	High-density lipoprotein loses its anti-inflammatory capacity by accumulation of pro-inflammatory-serum amyloid A. <i>Cardiovascular Research</i> , 2012, 94, 154-162.	3.8	122
6	Medial Arterial Calcification. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1145-1165.	2.8	106
7	Arteriosclerosis and vascular calcification: causes, clinical assessment and therapy. <i>European Journal of Clinical Investigation</i> , 2015, 45, 976-985.	3.4	85
8	Enhancement of the endothelial NO synthase attenuates experimental diastolic heart failure. <i>Basic Research in Cardiology</i> , 2009, 104, 499-509.	5.9	63
9	Pharmacological relevance and potential of sphingosine 1â€“phosphate in the vascular system. <i>British Journal of Pharmacology</i> , 2011, 163, 1140-1162.	5.4	61
10	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
11	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
12	Cystatin C standardization decreases assay variation and improves assessment of glomerular filtration rate. <i>Clinica Chimica Acta</i> , 2016, 456, 115-121.	1.1	36
13	Iohexol plasma clearance measurement in older adults with chronic kidney diseaseâ€“sampling time matters. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 1307-1314.	0.7	34
14	Research Models for Studying Vascular Calcification. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2204.	4.1	34
15	Uridine adenosine tetraphosphate activation of the purinergic receptor P2Y enhances in vitro vascular calcification. <i>Kidney International</i> , 2012, 81, 256-265.	5.2	33
16	The cardiovascular phenotype of adult patients with phenylketonuria. <i>Orphanet Journal of Rare Diseases</i> , 2019, 14, 213.	2.7	33
17	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
18	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. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 1035-1040.	2.1	30

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19	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
20	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
21	Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: Efficacy of Repeat Immunoabsorption. <i>Journal of Clinical Medicine</i> , 2020, 9, 2443.	2.4	24
22	Interaction of human serum albumin with uremic toxins: a thermodynamic study. <i>RSC Advances</i> , 2017, 7, 27913-27922.	3.6	23
23	Anti-VEGF Drugs in Eye Diseases: Local Therapy with Potential Systemic Effects. <i>Current Pharmaceutical Design</i> , 2015, 21, 3548-3556.	1.9	23
24	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
25	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
26	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
27	Adenosine 5'-Tetraphosphate Is a Highly Potent Purinergic Endothelium-Derived Vasoconstrictor. <i>Circulation Research</i> , 2008, 103, 1100-1108.	4.5	19
28	Xanthine Oxidase and its Role as Target in Cardiovascular Disease: Cardiovascular Protection by Enzyme Inhibition?. <i>Current Pharmaceutical Design</i> , 2017, 23, 3391-3404.	1.9	19
29	The enzymatic activity of the VEGFR2 receptor for the biosynthesis of dinucleoside polyphosphates. <i>Journal of Molecular Medicine</i> , 2013, 91, 1095-1107.	3.9	17
30	Regulation of endothelial nitric oxide synthase activation in endothelial cells by S1P1 and S1P3. <i>Biochemical and Biophysical Research Communications</i> , 2016, 476, 627-634.	2.1	17
31	P2Y Purinoceptors as Potential Emerging Therapeutical Target in Vascular Disease. <i>Current Pharmaceutical Design</i> , 2012, 18, 6169-6180.	1.9	15
32	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
33	Harmful Effects of the Azathioprine Metabolite 6-Mercaptopurine in Vascular Cells: Induction of Mineralization. <i>PLoS ONE</i> , 2014, 9, e101709.	2.5	13
34	Relevance of Sphingolipids in the Pleiotropic Protective Effects of High-Density Lipoproteins. <i>Current Pharmaceutical Design</i> , 2010, 16, 1468-1479.	1.9	10
35	Beta Trace Protein does not outperform Creatinine and Cystatin C in estimating Glomerular Filtration Rate in Older Adults. <i>Scientific Reports</i> , 2017, 7, 12656.	3.3	9
36	Acid sphingomyelinase promotes SGK1-dependent vascular calcification. <i>Clinical Science</i> , 2021, 135, 515-534.	4.3	9

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37	Comparability of Plasma Iohexol Clearance Across Population-Based Cohorts. <i>American Journal of Kidney Diseases</i> , 2020, 76, 54-62.	1.9	9
38	Stressor-Induced "Inflammaging" of Vascular Smooth Muscle Cells via Nlrp3-Mediated Pro-inflammatory Auto-Loop. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 752305.	2.4	9
39	Vascular Calcification in Rodent Models" Keeping Track with an Extended Method Assortment. <i>Biology</i> , 2021, 10, 459.	2.8	8
40	High-Density Lipoprotein: Structural and Functional Changes Under Uremic Conditions and the Therapeutic Consequences. <i>Handbook of Experimental Pharmacology</i> , 2015, 224, 423-453.	1.8	7
41	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
42	A highly sensitive method for quantification of iohexol. <i>Analytical Methods</i> , 2014, 6, 3706-3712.	2.7	4
43	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
44	Long-Term Treatment of Azathioprine in Rats Induces Vessel Mineralization. <i>Biomedicines</i> , 2021, 9, 327.	3.2	4
45	Identification of a Potent Endothelium-Derived Angiogenic Factor. <i>PLoS ONE</i> , 2013, 8, e68575.	2.5	3
46	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
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