Linda L Demer

List of Publications by Citations

158 papers	16,915 citations	61 h-index	129 g-index
169 ext. papers	18,582 ext. citations	8.7 avg, IF	6.43 L-index

#	Paper	IF	Citations
158	Atherosclerosis: basic mechanisms. Oxidation, inflammation, and genetics. *Circulation*, **1995**, 91, 2488-96	16.7	1162
157	Bone morphogenetic protein expression in human atherosclerotic lesions. *Journal of Clinical Investigation*, **1993**, 91, 1800-9	15.9	770
156	Vascular calcification: mechanisms and clinical ramifications. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 1161-70	9.4	702
155	Vascular calcification: pathobiology of a multifaceted disease. *Circulation*, **2008**, 117, 2938-48	16.7	698
154	Oxidative stress modulates osteoblastic differentiation of vascular and bone cells. *Free Radical Biology and Medicine*, **2001**, 31, 509-19	7.8	617
153	Calcific aortic valve disease: not simply a degenerative process: A review and agenda for research from the National Heart and Lung and Blood Institute Aortic Stenosis Working Group. Executive summary: Calcific aortic valve disease-2011 update. *Circulation*, **2011**, 124, 1783-91	16.7	554
152	Tumor necrosis factor-alpha promotes in vitro calcification of vascular cells via the cAMP pathway. *Circulation*, **2000**, 102, 2636-42	16.7	535
151	Lipid oxidation products have opposite effects on calcifying vascular cell and bone cell differentiation. A possible explanation for the paradox of arterial calcification in osteoporotic patients. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1997**, 17, 680-7	9.4	492
150	The Yin and Yang of oxidation in the development of the fatty streak. A review based on the 1994 George Lyman Duff Memorial Lecture. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1996**, 16, 831-42	9.4	466
149	Expression and function of PPARgamma in rat and human vascular smooth muscle cells. *Circulation*, **2000**, 101, 1311-8	16.7	408
148	Regulatory mechanisms in vascular calcification. *Nature Reviews Cardiology*, **2010**, 7, 528-36	14.8	397
147	TGF-beta 1 and 25-hydroxycholesterol stimulate osteoblast-like vascular cells to calcify. *Journal of Clinical Investigation*, **1994**, 93, 2106-13	15.9	351
146	Active serum vitamin D levels are inversely correlated with coronary calcification. *Circulation*, **1997**, 96, 1755-60	16.7	337
145	Cross-regulatory roles of interleukin (IL)-12 and IL-10 in atherosclerosis. *Journal of Clinical Investigation*, **1996**, 97, 2130-8	15.9	323
144	Peroxisome proliferator-activated receptor activators target human endothelial cells to inhibit leukocyte-endothelial cell interaction. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1999**, 19, 2094-104	9.4	316
143	Low-density lipoproteins cause atherosclerotic cardiovascular disease: pathophysiological, genetic, and therapeutic insights: a consensus statement from the European Atherosclerosis Society Consensus Panel. *European Heart Journal*, **2020**, 41, 2313-2330	9.5	301
142	Multilineage potential of cells from the artery wall. *Circulation*, **2003**, 108, 2505-10	16.7	296

141	Leptin enhances the calcification of vascular cells: artery wall as a target of leptin. *Circulation Research*, **2001**, 88, 954-60	15.7	271
140	Monocyte/macrophage regulation of vascular calcification in vitro. *Circulation*, **2002**, 105, 650-5	16.7	266
139	Assessment of coronary artery disease severity by positron emission tomography. Comparison with quantitative arteriography in 193 patients. *Circulation*, **1989**, 79, 825-35	16.7	255
138	Inflammatory, metabolic, and genetic mechanisms of vascular calcification. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 715-23	9.4	220
137	Pathology of atheromatous lesions in inbred and genetically engineered mice. Genetic determination of arterial calcification. *Arteriosclerosis and Thrombosis: A Journal of Vascular Biology*, **1994**, 14, 1480-97		209
136	Atherogenic high-fat diet reduces bone mineralization in mice. *Journal of Bone and Mineral Research*, **2001**, 16, 182-8	6.3	207
135	Osteoprotegerin inhibits vascular calcification without affecting atherosclerosis in ldlr(-/-) mice. *Circulation*, **2008**, 117, 411-20	16.7	203
134	Atherogenic diet and minimally oxidized low density lipoprotein inhibit osteogenic and promote adipogenic differentiation of marrow stromal cells. *Journal of Bone and Mineral Research*, **1999**, 14, 2067-78	6.3	199
133	Calcific aortic valve disease: a consensus summary from the Alliance of Investigators on Calcific Aortic Valve Disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 2387-93	9.4	185
132	Mesenchymal stem cells and the artery wall. *Circulation Research*, **2004**, 95, 671-6	15.7	183
131	Minimally modified low density lipoprotein is biologically active in vivo in mice. *Journal of Clinical Investigation*, **1991**, 87, 2253-7	15.9	177
130	Matrix GLA protein modulates differentiation induced by bone morphogenetic protein-2 in C3H10T1/2 cells. *Journal of Biological Chemistry*, **2001**, 276, 14044-52	5.4	169
129	Passive biaxial mechanical properties of isolated canine myocardium. *Journal of Physiology*, **1983**, 339, 615-30	3.9	168
128	Systolic blood pressure and mortality. *Lancet, The*, **2000**, 355, 175-80	40	164
127	Hyperphosphatemia-induced nanocrystals upregulate the expression of bone morphogenetic protein-2 and osteopontin genes in mouse smooth muscle cells in vitro. *Kidney International*, **2011**, 79, 414-22	9.9	162
126	High-density lipoprotein regulates calcification of vascular cells. *Circulation Research*, **2002**, 91, 570-6	15.7	150
125	Metabolic and functional recovery of ischemic human myocardium after coronary angioplasty. *Journal of the American College of Cardiology*, **1991**, 18, 966-78	15.1	144
124	Role of lipids in osteoporosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2000**, 20, 2346-8	9.4	142

123	cAMP stimulates osteoblast-like differentiation of calcifying vascular cells. Potential signaling pathway for vascular calcification. *Journal of Biological Chemistry*, **1998**, 273, 7547-53	5.4	137
122	Hyperlipidemia promotes osteoclastic potential of bone marrow cells ex vivo. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, e6-10	9.4	135
121	Runx2-upregulated receptor activator of nuclear factor B ligand in calcifying smooth muscle cells promotes migration and osteoclastic differentiation of macrophages. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 1387-96	9.4	124
120	Inhibition of osteoblast-specific transcription factor Cbfa1 by the cAMP pathway in osteoblastic cells. Ubiquitin/proteasome-dependent regulation. *Journal of Biological Chemistry*, **1999**, 274, 28875-9	5.4	124
119	Pathogenesis of atherosclerosis. *American Journal of Cardiology*, **1995**, 76, 18C-23C	3	120
118	Mineral exploration: search for the mechanism of vascular calcification and beyond: the 2003 Jeffrey M. Hoeg Award lecture. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2003**, 23, 1739-43	9.4	119
117	Monocyte recruitment to endothelial cells in response to oscillatory shear stress. *FASEB Journal*, **2003**, 17, 1648-57	0.9	115
116	Vascular calcification and osteoporosis: inflammatory responses to oxidized lipids. *International Journal of Epidemiology*, **2002**, 31, 737-41	7.8	113
115	Recent advances in multifactorial regulation of vascular calcification. *Current Opinion in Lipidology*, **2001**, 12, 555-60	4.4	108
114	A skeleton in the atherosclerosis closet. *Circulation*, **1995**, 92, 2029-32	16.7	102
113	Pattern formation by vascular mesenchymal cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 9247-50	11.5	100
112	8-Isoprostaglandin E2 enhances receptor-activated NFkappa B ligand (RANKL)-dependent osteoclastic potential of marrow hematopoietic precursors via the cAMP pathway. *Journal of Biological Chemistry*, **2002**, 277, 14221-6	5.4	100
111	Fibronectin and collagen I matrixes promote calcification of vascular cells in vitro, whereas collagen IV matrix is inhibitory. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1998**, 18, 1964-71	9.4	96
110	Mineralocorticoid receptor activation promotes vascular cell calcification. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2007**, 27, 799-805	9.4	94
109	Insulin-like growth factor-I regulates proliferation and osteoblastic differentiation of calcifying vascular cells via extracellular signal-regulated protein kinase and phosphatidylinositol 3-kinase pathways. *Circulation Research*, **2005**, 96, 398-400	15.7	94
108	Atherosclerotic calcification: relation to developmental osteogenesis. *American Journal of Cardiology*, **1995**, 75, 88B-91B	3	87
107	N-3 fatty acids inhibit vascular calcification via the p38-mitogen-activated protein kinase and peroxisome proliferator-activated receptor-gamma pathways. *Circulation Research*, **2006**, 98, 727-9	15.7	86
106	Effect of calcification on in vivo mechanical response of rabbit arteries to balloon dilation. *Circulation*, **1991**, 83, 2083-93	16.7	86

105	Mechanism of calcification in atherosclerosis. *Trends in Cardiovascular Medicine*, **1994**, 4, 45-9	6.9	84
104	Left-right symmetry breaking in tissue morphogenesis via cytoskeletal mechanics. *Circulation Research*, **2012**, 110, 551-9	15.7	80
103	Ethnic origin and serum levels of 1alpha,25-dihydroxyvitamin D3 are independent predictors of coronary calcium mass measured by electron-beam computed tomography. *Circulation*, **1997**, 96, 1477-81	16.7	80
102	Mechanical stress analysis of a rigid inclusion in distensible material: a model of atherosclerotic calcification and plaque vulnerability. *American Journal of Physiology - Heart and Circulatory Physiology*, **2009**, 297, H802-10	5.2	77
101	Assessing stenosis severity: coronary flow reserve, collateral function, quantitative coronary arteriography, positron imaging, and digital subtraction angiography. A review and analysis. *Progress in Cardiovascular Diseases*, **1988**, 30, 307-22	8.5	76
100	Peroxisome proliferator-activated receptor activators modulate the osteoblastic maturation of MC3T3-E1 preosteoblasts. *FEBS Letters*, **2000**, 471, 119-24	3.8	75
99	Relation between geometric dimensions of coronary artery stenoses and myocardial perfusion reserve in man. *Journal of Clinical Investigation*, **1987**, 79, 1473-8	15.9	70
98	Adverse effects of hyperlipidemia on bone regeneration and strength. *Journal of Bone and Mineral Research*, **2012**, 27, 309-18	6.3	68
97	Oxidized lipids enhance RANKL production by T lymphocytes: implications for lipid-induced bone loss. *Clinical Immunology*, **2009**, 133, 265-75	9	61
96	Genetic determination of cartilaginous metaplasia in mouse aorta. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1995**, 15, 2265-72	9.4	61
95	Hyperlipidemia induces resistance to PTH bone anabolism in mice via oxidized lipids. *Journal of Bone and Mineral Research*, **2011**, 26, 1197-206	6.3	58
94	Endothelial cell dynamics under pulsating flows: significance of high versus low shear stress slew rates (d(tau)/dt). *Annals of Biomedical Engineering*, **2002**, 30, 646-56	4.7	56
93	Cholesterol in Vascular and Valvular Calcification. *Circulation*, **2001**, 104, 1881-1883	16.7	55
92	Calcifying subpopulation of bovine aortic smooth muscle cells is responsive to 17 beta-estradiol. *Circulation*, **1997**, 95, 1954-60	16.7	55
91	The roles of lipid oxidation products and receptor activator of nuclear factor-B signaling in atherosclerotic calcification. *Circulation Research*, **2011**, 108, 1482-93	15.7	54
90	Role of the cholesterol biosynthetic pathway in osteoblastic differentiation of marrow stromal cells. *Journal of Bone and Mineral Research*, **2002**, 17, 1997-2003	6.3	53
89	Phosphate and pyrophosphate mediate PKA-induced vascular cell calcification. *Biochemical and Biophysical Research Communications*, **2008**, 374, 553-8	3.4	51
88	A complex flow pattern of low shear stress and flow reversal promotes monocyte binding to endothelial cells. *Atherosclerosis*, **2001**, 158, 385-90	3.1	51

87	Pulsatile flow regulates monocyte adhesion to oxidized lipid-induced endothelial cells. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2001**, 21, 1770-6	9.4	49
86	In vivo assessment of vascular dilatation during percutaneous transluminal coronary angioplasty. *American Journal of Cardiology*, **1987**, 60, 988-92	3	44
85	Effects of bioactive lipids and lipoproteins on bone. *Trends in Endocrinology and Metabolism*, **2014**, 25, 53-9	8.8	43
84	Role of molecular regulation in vascular calcification. *Journal of Atherosclerosis and Thrombosis*, **1996**, 3, 90-4	4	43
83	Vitamin D and osteogenic differentiation in the artery wall. *Clinical Journal of the American Society of Nephrology: CJASN*, **2008**, 3, 1542-7	6.9	42
82	Vascular calcification and its relation to bone calcification: possible underlying mechanisms. *Journal of Nuclear Cardiology*, **2003**, 10, 177-83	2.1	42
81	Novel mechanisms in accelerated vascular calcification in renal disease patients. *Current Opinion in Nephrology and Hypertension*, **2002**, 11, 437-43	3.5	42
80	Differential accumulation of intimal monocyte-macrophages relative to lipoproteins and lipofuscin corresponds to hemodynamic forces on cardiac valves in mice. *Arteriosclerosis and Thrombosis: A Journal of Vascular Biology*, **1991**, 11, 947-57		42
79	Arterial calcification in face of osteoporosis in ageing: can we blame oxidized lipids?. *Current Opinion in Lipidology*, **1997**, 8, 312-4	4.4	41
78	Lipid hypothesis of cardiovascular calcification. *Circulation*, **1997**, 95, 297-8	16.7	41
77	Thematic series on the pathobiology of vascular calcification: an introduction. *Circulation Research*, **2011**, 108, 1378-80	15.7	40
76	HOXB7 overexpression promotes differentiation of C3H10T1/2 cells to smooth muscle cells. *Journal of Cellular Biochemistry*, **2000**, 78, 210-21	4.7	38
75	FGF23 protein expression in coronary arteries is associated with impaired kidney function. *Nephrology Dialysis Transplantation*, **2014**, 29, 1525-32	4.3	37
74	Atherogenic phospholipids attenuate osteogenic signaling by BMP-2 and parathyroid hormone in osteoblasts. *Journal of Biological Chemistry*, **2007**, 282, 21237-43	5.4	36
73	Placental calcification: a metastatic process?. *Placenta*, **2001**, 22, 591-6	3.4	35
72	The formation of labyrinths, spots and stripe patterns in a biochemical approach to cardiovascular calcification. *New Journal of Physics*, **2008**, 10, 055002	2.9	34
71	Hyperlipidemia impairs osteoanabolic effects of PTH. *Journal of Bone and Mineral Research*, **2008**, 23, 1672-9	6.3	34
70	The bone-vascular axis in chronic kidney disease. *Current Opinion in Nephrology and Hypertension*, **2010**, 19, 349-53	3.5	33

69	Role of osteoprotegerin and its ligands and competing receptors in atherosclerotic calcification. *Journal of Investigative Medicine*, **2006**, 54, 395-401	2.9	33
68	Mechanical response of a calcified plaque model to fluid shear force. *Annals of Biomedical Engineering*, **2006**, 34, 1535-41	4.7	33
67	High intensity ultrasound increases distensibility of calcific atherosclerotic arteries. *Journal of the American College of Cardiology*, **1991**, 18, 1259-62	15.1	33
66	Cell-matrix mechanics and pattern formation in inflammatory cardiovascular calcification. *Heart*, **2016**, 102, 1710-1715	5.1	31
65	Steroid Hormone Vitamin D: Implications for Cardiovascular Disease. *Circulation Research*, **2018**, 122, 1576-1585	15.7	31
64	Increased lipogenesis and stearate accelerate vascular calcification in calcifying vascular cells. *Journal of Biological Chemistry*, **2011**, 286, 23938-49	5.4	30
63	Protective Role of Smad6 in Inflammation-Induced Valvular Cell Calcification. *Journal of Cellular Biochemistry*, **2015**, 116, 2354-64	4.7	29
62	PKA-induced receptor activator of NF-kappaB ligand (RANKL) expression in vascular cells mediates osteoclastogenesis but not matrix calcification. *Journal of Biological Chemistry*, **2010**, 285, 29925-31	5.4	29
61	Directing tissue morphogenesis via self-assembly of vascular mesenchymal cells. *Biomaterials*, **2012** , 33, 9019-26	15.6	27
60	Role of cellular cholesterol metabolism in vascular cell calcification. *Journal of Biological Chemistry*, **2011**, 286, 33701-6	5.4	27
59	Micro sensors: linking real-time oscillatory shear stress with vascular inflammatory responses. *Annals of Biomedical Engineering*, **2004**, 32, 189-201	4.7	27
58	Spatial and temporal variations in hemodynamic forces initiate cardiac trabeculation. *JCI Insight*, **2018**, 3,	9.9	27
57	Mechanisms linking osteoporosis with cardiovascular calcification. *Current Osteoporosis Reports*, **2009**, 7, 42-6	5.4	26
56	Regulation of RANKL-induced osteoclastic differentiation by vascular cells. *Journal of Molecular and Cellular Cardiology*, **2005**, 39, 389-93	5.8	26
55	Effect of calcification and formalin fixation on in vitro distensibility of human femoral arteries. *American Heart Journal*, **1993**, 125, 344-9	4.9	24
54	Regulatory circuits controlling vascular cell calcification. *Cellular and Molecular Life Sciences*, **2013**, 70, 3187-97	10.3	23
53	Multiscale light-sheet for rapid imaging of cardiopulmonary system. *JCI Insight*, **2018**, 3,	9.9	23
52	Inflammation Drives Retraction, Stiffening, and Nodule Formation via Cytoskeletal Machinery in a Three-Dimensional Culture Model of Aortic Stenosis. *American Journal of Pathology*, **2016**, 186, 2378-89	5.8	21

51	The atherosclerosis-calcification link?. *Current Opinion in Lipidology*, **1996**, 7, 101-4	4.4	20
50	Regulation of interleukin-6 expression in osteoblasts by oxidized phospholipids. *Journal of Lipid Research*, **2010**, 51, 1010-6	6.3	19
49	A dynamic model of calcific nodule destabilization in response to monocyte- and oxidized lipid-induced matrix metalloproteinases. *American Journal of Physiology - Cell Physiology*, **2012**, 302, C658-65	5.4	18
48	Contractile and hemodynamic forces coordinate Notch1b-mediated outflow tract valve formation. *JCI Insight*, **2019**, 5,	9.9	18
47	Lipoproteins in Cardiovascular Calcification: Potential Targets and Challenges. *Frontiers in Cardiovascular Medicine*, **2018**, 5, 172	5.4	18
46	Effects of teriparatide on morphology of aortic calcification in aged hyperlipidemic mice. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 314, H1203-H1213	5.2	18
45	T0901317, an LXR agonist, augments PKA-induced vascular cell calcification. *FEBS Letters*, **2009**, 583, 1344-8	3.8	15
44	Osteopontin. Between a rock and a hard plaque. *Circulation Research*, **1999**, 84, 250-2	15.7	15
43	Rigor and Reproducibility in Analysis of Vascular Calcification. *Circulation Research*, **2017**, 120, 1240-1242	15.7	14
42	Effect of inflation pressures on coronary angioplasty balloons. *American Journal of Cardiology*, **1986**, 57, 26-8	3	14
41	Training the physician-scientist: views from program directors and aspiring young investigators. *JCI Insight*, **2018**, 3,	9.9	14
40	Changes in microarchitecture of atherosclerotic calcification assessed by F-NaF PET and CT after a progressive exercise regimen in hyperlipidemic mice. *Journal of Nuclear Cardiology*, **2021**, 28, 2207-2214	2.1	13
39	Patterns of periodic holes created by increased cell motility. *Interface Focus*, **2012**, 2, 457-64	3.9	11
38	Nanoscale architecture in atherosclerotic calcification. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 1882-4	9.4	11
37	Return to ectopia: stem cells in the artery wall. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 1307-8	9.4	11
36	Outcomes of a Novel Training Program for Physician-Scientists: Integrating Graduate Degree Training With Specialty Fellowship. *Journal of Graduate Medical Education*, **2016**, 8, 85-90	1.6	11
35	Systems biology of vascular calcification. *Trends in Cardiovascular Medicine*, **2009**, 19, 118-23	6.9	10
34	Two-Point Stretchable Electrode Array for Endoluminal Electrochemical Impedance Spectroscopy Measurements of Lipid-Laden Atherosclerotic Plaques. *Annals of Biomedical Engineering*, **2016**, 44, 2695-706	4.7	9

33	Interactive and Multifactorial Mechanisms of Calcific Vascular and Valvular Disease. *Trends in Endocrinology and Metabolism*, **2019**, 30, 646-657	8.8	9
32	Enhanced mineralization potential of vascular cells from SM22-Rankl (tg) mice. *Calcified Tissue International*, **2012**, 91, 379-86	3.9	9
31	Murine models of atherosclerotic calcification. *Current Drug Targets*, **2008**, 9, 224-8	3	9
30	Roles of parathyroid hormone (PTH) receptor and reactive oxygen species in hyperlipidemia-induced PTH resistance in preosteoblasts. *Journal of Cellular Biochemistry*, **2014**, 115, 179-88	4.7	8
29	Pitting phosphate transport inhibitors against vascular calcification. *Circulation Research*, **2006**, 98, 857-9	15.7	8
28	Statin Effects on Vascular Calcification: Microarchitectural Changes in Aortic Calcium Deposits in Aged Hyperlipidemic Mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, 41, e185-e192	9.4	8
27	Serotonin receptor type 2B activation augments TNF-induced matrix mineralization in murine valvular interstitial cells. *Journal of Cellular Biochemistry*, **2021**, 122, 249-258	4.7	7
26	Introduction to the Compendium on calcific aortic valve disease. *Circulation Research*, **2013**, 113, 176-8	15.7	6
25	Adipose Rex. *Circulation Research*, **2002**, 90, 241-243	15.7	6
24	The Autism Spectrum: Human Rights Perspectives. *Pediatrics*, **2018**, 141, S369-S372	7.4	5
23	Role of paraoxonase-1 in bone anabolic effects of parathyroid hormone in hyperlipidemic mice. *Biochemical and Biophysical Research Communications*, **2013**, 431, 19-24	3.4	5
22	Boning Up (or Down) on Statins. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2001**, 21, 1565-1566	9.4	4
21	Role of inflammation in atherosclerotic calcification, metaplasia and osteoporosis. *International Congress Series*, **2004**, 1262, 570-573		3
20	Endothelium-dependent vasodilators do not cause propagated intercellular Ca2+ waves in vascular endothelial monolayers. *Cell Calcium*, **1996**, 19, 97-104	4	3
19	The hemosteoblast: friend or foe?. *Circulation Research*, **2011**, 108, 1038-9	15.7	2
18	Preferred mitotic orientation in pattern formation by vascular mesenchymal cells. *American Journal of Physiology - Heart and Circulatory Physiology*, **2012**, 303, H1411-7	5.2	2
17	Focal high cell density generates a gradient of patterns in self-organizing vascular mesenchymal cells. *Journal of Vascular Research*, **2012**, 49, 441-6	1.9	2
16	Biomolecules Orchestrating Cardiovascular Calcification. *Biomolecules*, **2021**, 11,	5.9	2

15	Regulation of calcific vascular and valvular disease by nuclear receptors. *Current Opinion in Lipidology*, **2019**, 30, 357-363	4.4	2
14	Potential impact of the steroid hormone, vitamin D, on the vasculature. *American Heart Journal*, **2021**, 239, 147-153	4.9	2
13	Chapter 93. Vascular Calcification436-442		2
12	Reply: Evolutionary approach sheds light on the significance of vascular calcification. *Trends in Cardiovascular Medicine*, **2017**, 27, 72	6.9	1
11	Heart valve calcification **2019**, 307-319		
10	Vascular Calcification **2012**, 1383-1389		
9	On the osteogenic expression induced by calcium/phosphate deposition. *Kidney International*, **2011** , 79, 921	9.9	
8	A matter of degree: a commentary on "Influence of oxidized low-density lipoproteins (LDL) on the viability of osteoblastic cells". *Free Radical Biology and Medicine*, **2008**, 44, 504-5	7.8	
7	The Autism Spectrum: Human Rights Perspectives **2020**, 356-359		
6	Fluid Shear Stress Destabilizes the Vascular Mesenchymal Stem Cells-Derived Calcifying Nodules. *FASEB Journal*, **2006**, 20, A632	0.9	
5	Osteoprotegerin (OPG) inhibits vascular calcification in vivo. *FASEB Journal*, **2006**, 20, A653	0.9	
4	The Paradoxical Relationship Between Skeletal and Cardiovascular Mineralization. *Contemporary Cardiology*, **2020**, 319-332	0.1	
3	Homeostasis of Lipid Oxidation in the Artery Wall **1995**, 41-43		
2	Mechanism of Atherosclerotic Calcification. *Medical Science Symposia Series*, **1996**, 35-42		
1	Lipids and cardiovascular calcification: contributions to plaque vulnerability. *Current Opinion in Lipidology*, **2021**, 32, 308-314	4.4	