

# Linda L Demer

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6997898/linda-l-demmer-publications-by-year.pdf>

**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Changes in microarchitecture of atherosclerotic calcification assessed by F-NaF PET and CT after a progressive exercise regimen in hyperlipidemic mice. <i>Journal of Nuclear Cardiology</i> , <b>2021</b> , 28, 2207-2214	2.1	13
157	Biomolecules Orchestrating Cardiovascular Calcification. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	2
156	Statin Effects on Vascular Calcification: Microarchitectural Changes in Aortic Calcium Deposits in Aged Hyperlipidemic Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, e185-e192	9.4	8
155	Lipids and cardiovascular calcification: contributions to plaque vulnerability. <i>Current Opinion in Lipidology</i> , <b>2021</b> , 32, 308-314	4.4	
154	Serotonin receptor type 2B activation augments TNF- $\alpha$ -induced matrix mineralization in murine valvular interstitial cells. <i>Journal of Cellular Biochemistry</i> , <b>2021</b> , 122, 249-258	4.7	7
153	Potential impact of the steroid hormone, vitamin D, on the vasculature. <i>American Heart Journal</i> , <b>2021</b> , 239, 147-153	4.9	2
152	The Autism Spectrum: Human Rights Perspectives <b>2020</b> , 356-359		
151	The Paradoxical Relationship Between Skeletal and Cardiovascular Mineralization. <i>Contemporary Cardiology</i> , <b>2020</b> , 319-332	0.1	
150	Low-density lipoproteins cause atherosclerotic cardiovascular disease: pathophysiological, genetic, and therapeutic insights: a consensus statement from the European Atherosclerosis Society Consensus Panel. <i>European Heart Journal</i> , <b>2020</b> , 41, 2313-2330	9.5	301
149	Interactive and Multifactorial Mechanisms of Calcific Vascular and Valvular Disease. <i>Trends in Endocrinology and Metabolism</i> , <b>2019</b> , 30, 646-657	8.8	9
148	Heart valve calcification <b>2019</b> , 307-319		
147	Contractile and hemodynamic forces coordinate Notch1b-mediated outflow tract valve formation. <i>JCI Insight</i> , <b>2019</b> , 5,	9.9	18
146	Regulation of calcific vascular and valvular disease by nuclear receptors. <i>Current Opinion in Lipidology</i> , <b>2019</b> , 30, 357-363	4.4	2
145	The Autism Spectrum: Human Rights Perspectives. <i>Pediatrics</i> , <b>2018</b> , 141, S369-S372	7.4	5
144	Multiscale light-sheet for rapid imaging of cardiopulmonary system. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	23
143	Training the physician-scientist: views from program directors and aspiring young investigators. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	14
142	Spatial and temporal variations in hemodynamic forces initiate cardiac trabeculation. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	27

141	Lipoproteins in Cardiovascular Calcification: Potential Targets and Challenges. <i>Frontiers in Cardiovascular Medicine</i> , <b>2018</b> , 5, 172	5.4	18
140	Effects of teriparatide on morphology of aortic calcification in aged hyperlipidemic mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2018</b> , 314, H1203-H1213	5.2	18
139	Steroid Hormone Vitamin D: Implications for Cardiovascular Disease. <i>Circulation Research</i> , <b>2018</b> , 122, 1576-1585	15.7	31
138	Rigor and Reproducibility in Analysis of Vascular Calcification. <i>Circulation Research</i> , <b>2017</b> , 120, 1240-1242	5.7	14
137	Reply: Evolutionary approach sheds light on the significance of vascular calcification. <i>Trends in Cardiovascular Medicine</i> , <b>2017</b> , 27, 72	6.9	1
136	Cell-matrix mechanics and pattern formation in inflammatory cardiovascular calcification. <i>Heart</i> , <b>2016</b> , 102, 1710-1715	5.1	31
135	Two-Point Stretchable Electrode Array for Endoluminal Electrochemical Impedance Spectroscopy Measurements of Lipid-Laden Atherosclerotic Plaques. <i>Annals of Biomedical Engineering</i> , <b>2016</b> , 44, 2695-706	4.7	9
134	Outcomes of a Novel Training Program for Physician-Scientists: Integrating Graduate Degree Training With Specialty Fellowship. <i>Journal of Graduate Medical Education</i> , <b>2016</b> , 8, 85-90	1.6	11
133	Inflammation Drives Retraction, Stiffening, and Nodule Formation via Cytoskeletal Machinery in a Three-Dimensional Culture Model of Aortic Stenosis. <i>American Journal of Pathology</i> , <b>2016</b> , 186, 2378-89	5.8	21
132	Protective Role of Smad6 in Inflammation-Induced Valvular Cell Calcification. <i>Journal of Cellular Biochemistry</i> , <b>2015</b> , 116, 2354-64	4.7	29
131	Effects of bioactive lipids and lipoproteins on bone. <i>Trends in Endocrinology and Metabolism</i> , <b>2014</b> , 25, 53-9	8.8	43
130	Roles of parathyroid hormone (PTH) receptor and reactive oxygen species in hyperlipidemia-induced PTH resistance in preosteoblasts. <i>Journal of Cellular Biochemistry</i> , <b>2014</b> , 115, 179-88	4.7	8
129	Calcific aortic valve disease: a consensus summary from the Alliance of Investigators on Calcific Aortic Valve Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 2387-93	9.4	185
128	FGF23 protein expression in coronary arteries is associated with impaired kidney function. <i>Nephrology Dialysis Transplantation</i> , <b>2014</b> , 29, 1525-32	4.3	37
127	Inflammatory, metabolic, and genetic mechanisms of vascular calcification. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 715-23	9.4	220
126	Regulatory circuits controlling vascular cell calcification. <i>Cellular and Molecular Life Sciences</i> , <b>2013</b> , 70, 3187-97	10.3	23
125	Role of paraoxonase-1 in bone anabolic effects of parathyroid hormone in hyperlipidemic mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2013</b> , 431, 19-24	3.4	5
124	Introduction to the Compendium on calcific aortic valve disease. <i>Circulation Research</i> , <b>2013</b> , 113, 176-8	15.7	6

123	A dynamic model of calcific nodule destabilization in response to monocyte- and oxidized lipid-induced matrix metalloproteinases. <i>American Journal of Physiology - Cell Physiology</i> , <b>2012</b> , 302, C658-65	5.4	18
122	Directing tissue morphogenesis via self-assembly of vascular mesenchymal cells. <i>Biomaterials</i> , <b>2012</b> , 33, 9019-26	15.6	27
121	Vascular Calcification <b>2012</b> , 1383-1389		
120	Enhanced mineralization potential of vascular cells from SM22 <sup>Cre</sup> Rankl (tg) mice. <i>Calcified Tissue International</i> , <b>2012</b> , 91, 379-86	3.9	9
119	Adverse effects of hyperlipidemia on bone regeneration and strength. <i>Journal of Bone and Mineral Research</i> , <b>2012</b> , 27, 309-18	6.3	68
118	Left-right symmetry breaking in tissue morphogenesis via cytoskeletal mechanics. <i>Circulation Research</i> , <b>2012</b> , 110, 551-9	15.7	80
117	Preferred mitotic orientation in pattern formation by vascular mesenchymal cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2012</b> , 303, H1411-7	5.2	2
116	Patterns of periodic holes created by increased cell motility. <i>Interface Focus</i> , <b>2012</b> , 2, 457-64	3.9	11
115	Focal high cell density generates a gradient of patterns in self-organizing vascular mesenchymal cells. <i>Journal of Vascular Research</i> , <b>2012</b> , 49, 441-6	1.9	2
114	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. <i>Circulation</i> , <b>2011</b> , 124, 1783-91	16.7	554
113	Hyperlipidemia induces resistance to PTH bone anabolism in mice via oxidized lipids. <i>Journal of Bone and Mineral Research</i> , <b>2011</b> , 26, 1197-206	6.3	58
112	Runx2-upregulated receptor activator of nuclear factor B ligand in calcifying smooth muscle cells promotes migration and osteoclastic differentiation of macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 1387-96	9.4	124
111	The hemosteoblast: friend or foe?. <i>Circulation Research</i> , <b>2011</b> , 108, 1038-9	15.7	2
110	The roles of lipid oxidation products and receptor activator of nuclear factor-B signaling in atherosclerotic calcification. <i>Circulation Research</i> , <b>2011</b> , 108, 1482-93	15.7	54
109	Role of cellular cholesterol metabolism in vascular cell calcification. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 33701-6	5.4	27
108	Increased lipogenesis and stearate accelerate vascular calcification in calcifying vascular cells. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 23938-49	5.4	30
107	Hyperphosphatemia-induced nanocrystals upregulate the expression of bone morphogenetic protein-2 and osteopontin genes in mouse smooth muscle cells in vitro. <i>Kidney International</i> , <b>2011</b> , 79, 414-22	9.9	162
106	On the osteogenic expression induced by calcium/phosphate deposition. <i>Kidney International</i> , <b>2011</b> , 79, 921	9.9	

105	Thematic series on the pathobiology of vascular calcification: an introduction. <i>Circulation Research</i> , <b>2011</b> , 108, 1378-80	15.7	40
104	Regulation of interleukin-6 expression in osteoblasts by oxidized phospholipids. <i>Journal of Lipid Research</i> , <b>2010</b> , 51, 1010-6	6.3	19
103	PKA-induced receptor activator of NF-kappaB ligand (RANKL) expression in vascular cells mediates osteoclastogenesis but not matrix calcification. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 29925-31	5.4	29
102	Regulatory mechanisms in vascular calcification. <i>Nature Reviews Cardiology</i> , <b>2010</b> , 7, 528-36	14.8	397
101	The bone-vascular axis in chronic kidney disease. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2010</b> , 19, 349-53	3.5	33
100	Mechanical stress analysis of a rigid inclusion in distensible material: a model of atherosclerotic calcification and plaque vulnerability. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2009</b> , 297, H802-10	5.2	77
99	Systems biology of vascular calcification. <i>Trends in Cardiovascular Medicine</i> , <b>2009</b> , 19, 118-23	6.9	10
98	T0901317, an LXR agonist, augments PKA-induced vascular cell calcification. <i>FEBS Letters</i> , <b>2009</b> , 583, 1344-8	3.8	15
97	Oxidized lipids enhance RANKL production by T lymphocytes: implications for lipid-induced bone loss. <i>Clinical Immunology</i> , <b>2009</b> , 133, 265-75	9	61
96	Mechanisms linking osteoporosis with cardiovascular calcification. <i>Current Osteoporosis Reports</i> , <b>2009</b> , 7, 42-6	5.4	26
95	A matter of degree: a commentary on "Influence of oxidized low-density lipoproteins (LDL) on the viability of osteoblastic cells". <i>Free Radical Biology and Medicine</i> , <b>2008</b> , 44, 504-5	7.8	
94	Phosphate and pyrophosphate mediate PKA-induced vascular cell calcification. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 374, 553-8	3.4	51
93	Vitamin D and osteogenic differentiation in the artery wall. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2008</b> , 3, 1542-7	6.9	42
92	Vascular calcification: pathobiology of a multifaceted disease. <i>Circulation</i> , <b>2008</b> , 117, 2938-48	16.7	698
91	The formation of labyrinths, spots and stripe patterns in a biochemical approach to cardiovascular calcification. <i>New Journal of Physics</i> , <b>2008</b> , 10, 055002	2.9	34
90	Nanoscale architecture in atherosclerotic calcification. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2008</b> , 28, 1882-4	9.4	11
89	Osteoprotegerin inhibits vascular calcification without affecting atherosclerosis in <i>ldlr</i> (-/-) mice. <i>Circulation</i> , <b>2008</b> , 117, 411-20	16.7	203
88	Murine models of atherosclerotic calcification. <i>Current Drug Targets</i> , <b>2008</b> , 9, 224-8	3	9

87	Hyperlipidemia impairs osteoanabolic effects of PTH. <i>Journal of Bone and Mineral Research</i> , <b>2008</b> , 23, 1672-9	6.3	34
86	Mineralocorticoid receptor activation promotes vascular cell calcification. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 799-805	9.4	94
85	Atherogenic phospholipids attenuate osteogenic signaling by BMP-2 and parathyroid hormone in osteoblasts. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 21237-43	5.4	36
84	Pitting phosphate transport inhibitors against vascular calcification. <i>Circulation Research</i> , <b>2006</b> , 98, 857-9	15.7	8
83	N-3 fatty acids inhibit vascular calcification via the p38-mitogen-activated protein kinase and peroxisome proliferator-activated receptor-gamma pathways. <i>Circulation Research</i> , <b>2006</b> , 98, 727-9	15.7	86
82	Role of osteoprotegerin and its ligands and competing receptors in atherosclerotic calcification. <i>Journal of Investigative Medicine</i> , <b>2006</b> , 54, 395-401	2.9	33
81	Mechanical response of a calcified plaque model to fluid shear force. <i>Annals of Biomedical Engineering</i> , <b>2006</b> , 34, 1535-41	4.7	33
80	Fluid Shear Stress Destabilizes the Vascular Mesenchymal Stem Cells-Derived Calcifying Nodules. <i>FASEB Journal</i> , <b>2006</b> , 20, A632	0.9	
79	Osteoprotegerin (OPG) inhibits vascular calcification in vivo. <i>FASEB Journal</i> , <b>2006</b> , 20, A653	0.9	
78	Regulation of RANKL-induced osteoclastic differentiation by vascular cells. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2005</b> , 39, 389-93	5.8	26
77	Return to ectopia: stem cells in the artery wall. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2005</b> , 25, 1307-8	9.4	11
76	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. <i>Circulation Research</i> , <b>2005</b> , 96, 398-400	15.7	94
75	Pattern formation by vascular mesenchymal cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 9247-50	11.5	100
74	Hyperlipidemia promotes osteoclastic potential of bone marrow cells ex vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2004</b> , 24, e6-10	9.4	135
73	Mesenchymal stem cells and the artery wall. <i>Circulation Research</i> , <b>2004</b> , 95, 671-6	15.7	183
72	Micro sensors: linking real-time oscillatory shear stress with vascular inflammatory responses. <i>Annals of Biomedical Engineering</i> , <b>2004</b> , 32, 189-201	4.7	27
71	Vascular calcification: mechanisms and clinical ramifications. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2004</b> , 24, 1161-70	9.4	702
70	Role of inflammation in atherosclerotic calcification, metaplasia and osteoporosis. <i>International Congress Series</i> , <b>2004</b> , 1262, 570-573		3

69	Vascular calcification and its relation to bone calcification: possible underlying mechanisms. <i>Journal of Nuclear Cardiology</i> , <b>2003</b> , 10, 177-83	2.1	42
68	Mineral exploration: search for the mechanism of vascular calcification and beyond: the 2003 Jeffrey M. Hoeg Award lecture. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2003</b> , 23, 1739-43	9.4	119
67	Monocyte recruitment to endothelial cells in response to oscillatory shear stress. <i>FASEB Journal</i> , <b>2003</b> , 17, 1648-57	0.9	115
66	Multilineage potential of cells from the artery wall. <i>Circulation</i> , <b>2003</b> , 108, 2505-10	16.7	296
65	Role of the cholesterol biosynthetic pathway in osteoblastic differentiation of marrow stromal cells. <i>Journal of Bone and Mineral Research</i> , <b>2002</b> , 17, 1997-2003	6.3	53
64	Endothelial cell dynamics under pulsating flows: significance of high versus low shear stress slew rates (d(tau)/dt). <i>Annals of Biomedical Engineering</i> , <b>2002</b> , 30, 646-56	4.7	56
63	Monocyte/macrophage regulation of vascular calcification in vitro. <i>Circulation</i> , <b>2002</b> , 105, 650-5	16.7	266
62	High-density lipoprotein regulates calcification of vascular cells. <i>Circulation Research</i> , <b>2002</b> , 91, 570-6	15.7	150
61	8-Isoprostaglandin E2 enhances receptor-activated NFkappa B ligand (RANKL)-dependent osteoclastic potential of marrow hematopoietic precursors via the cAMP pathway. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 14221-6	5.4	100
60	Vascular calcification and osteoporosis: inflammatory responses to oxidized lipids. <i>International Journal of Epidemiology</i> , <b>2002</b> , 31, 737-41	7.8	113
59	Novel mechanisms in accelerated vascular calcification in renal disease patients. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2002</b> , 11, 437-43	3.5	42
58	Adipose Rex. <i>Circulation Research</i> , <b>2002</b> , 90, 241-243	15.7	6
57	Atherogenic high-fat diet reduces bone mineralization in mice. <i>Journal of Bone and Mineral Research</i> , <b>2001</b> , 16, 182-8	6.3	207
56	Placental calcification: a metastatic process?. <i>Placenta</i> , <b>2001</b> , 22, 591-6	3.4	35
55	Oxidative stress modulates osteoblastic differentiation of vascular and bone cells. <i>Free Radical Biology and Medicine</i> , <b>2001</b> , 31, 509-19	7.8	617
54	Matrix GLA protein modulates differentiation induced by bone morphogenetic protein-2 in C3H10T1/2 cells. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 14044-52	5.4	169
53	Leptin enhances the calcification of vascular cells: artery wall as a target of leptin. <i>Circulation Research</i> , <b>2001</b> , 88, 954-60	15.7	271
52	Pulsatile flow regulates monocyte adhesion to oxidized lipid-induced endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2001</b> , 21, 1770-6	9.4	49



51	A complex flow pattern of low shear stress and flow reversal promotes monocyte binding to endothelial cells. <i>Atherosclerosis</i> , <b>2001</b> , 158, 385-90	3.1	51
50	Cholesterol in Vascular and Valvular Calcification. <i>Circulation</i> , <b>2001</b> , 104, 1881-1883	16.7	55
49	Recent advances in multifactorial regulation of vascular calcification. <i>Current Opinion in Lipidology</i> , <b>2001</b> , 12, 555-60	4.4	108
48	Boning Up (or Down) on Statins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2001</b> , 21, 1565-1566	9.4	4
47	HOXB7 overexpression promotes differentiation of C3H10T1/2 cells to smooth muscle cells. <i>Journal of Cellular Biochemistry</i> , <b>2000</b> , 78, 210-21	4.7	38
46	Role of lipids in osteoporosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2000</b> , 20, 2346-8	9.4	142
45	Expression and function of PPARgamma in rat and human vascular smooth muscle cells. <i>Circulation</i> , <b>2000</b> , 101, 1311-8	16.7	408
44	Tumor necrosis factor-alpha promotes in vitro calcification of vascular cells via the cAMP pathway. <i>Circulation</i> , <b>2000</b> , 102, 2636-42	16.7	535
43	Systolic blood pressure and mortality. <i>Lancet, The</i> , <b>2000</b> , 355, 175-80	4.0	164
42	Peroxisome proliferator-activated receptor activators modulate the osteoblastic maturation of MC3T3-E1 preosteoblasts. <i>FEBS Letters</i> , <b>2000</b> , 471, 119-24	3.8	75
41	Inhibition of osteoblast-specific transcription factor Cbfa1 by the cAMP pathway in osteoblastic cells. Ubiquitin/proteasome-dependent regulation. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 28875-9	5.4	124
40	Osteopontin. Between a rock and a hard plaque. <i>Circulation Research</i> , <b>1999</b> , 84, 250-2	15.7	15
39	Peroxisome proliferator-activated receptor activators target human endothelial cells to inhibit leukocyte-endothelial cell interaction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1999</b> , 19, 2094-104	9.4	316
38	Atherogenic diet and minimally oxidized low density lipoprotein inhibit osteogenic and promote adipogenic differentiation of marrow stromal cells. <i>Journal of Bone and Mineral Research</i> , <b>1999</b> , 14, 2067-78	6.7	199
37	cAMP stimulates osteoblast-like differentiation of calcifying vascular cells. Potential signaling pathway for vascular calcification. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 7547-53	5.4	137
36	Fibronectin and collagen I matrixes promote calcification of vascular cells in vitro, whereas collagen IV matrix is inhibitory. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1998</b> , 18, 1964-71	9.4	96
35	Arterial calcification in face of osteoporosis in ageing: can we blame oxidized lipids?. <i>Current Opinion in Lipidology</i> , <b>1997</b> , 8, 312-4	4.4	41
34	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. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1997</b> , 17, 680-7	9.4	492



33	Lipid hypothesis of cardiovascular calcification. <i>Circulation</i> , <b>1997</b> , 95, 297-8	16.7	41
32	Calcifying subpopulation of bovine aortic smooth muscle cells is responsive to 17 beta-estradiol. <i>Circulation</i> , <b>1997</b> , 95, 1954-60	16.7	55
31	Ethnic origin and serum levels of 1alpha,25-dihydroxyvitamin D3 are independent predictors of coronary calcium mass measured by electron-beam computed tomography. <i>Circulation</i> , <b>1997</b> , 96, 1477-81	16.7	80
30	Active serum vitamin D levels are inversely correlated with coronary calcification. <i>Circulation</i> , <b>1997</b> , 96, 1755-60	16.7	337
29	Role of molecular regulation in vascular calcification. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>1996</b> , 3, 90-4	4	43
28	The atherosclerosis-calcification link?. <i>Current Opinion in Lipidology</i> , <b>1996</b> , 7, 101-4	4.4	20
27	Endothelium-dependent vasodilators do not cause propagated intercellular Ca <sup>2+</sup> waves in vascular endothelial monolayers. <i>Cell Calcium</i> , <b>1996</b> , 19, 97-104	4	3
26	The Yin and Yang of oxidation in the development of the fatty streak. A review based on the 1994 George Lyman Duff Memorial Lecture. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1996</b> , 16, 831-42	9.4	466
25	Cross-regulatory roles of interleukin (IL)-12 and IL-10 in atherosclerosis. <i>Journal of Clinical Investigation</i> , <b>1996</b> , 97, 2130-8	15.9	323
24	Mechanism of Atherosclerotic Calcification. <i>Medical Science Symposia Series</i> , <b>1996</b> , 35-42		
23	Atherosclerotic calcification: relation to developmental osteogenesis. <i>American Journal of Cardiology</i> , <b>1995</b> , 75, 88B-91B	3	87
22	Genetic determination of cartilaginous metaplasia in mouse aorta. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1995</b> , 15, 2265-72	9.4	61
21	Pathogenesis of atherosclerosis. <i>American Journal of Cardiology</i> , <b>1995</b> , 76, 18C-23C	3	120
20	Atherosclerosis: basic mechanisms. Oxidation, inflammation, and genetics. <i>Circulation</i> , <b>1995</b> , 91, 2488-96	16.7	1162
19	A skeleton in the atherosclerosis closet. <i>Circulation</i> , <b>1995</b> , 92, 2029-32	16.7	102
18	Homeostasis of Lipid Oxidation in the Artery Wall <b>1995</b> , 41-43		
17	Pathology of atheromatous lesions in inbred and genetically engineered mice. Genetic determination of arterial calcification. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , <b>1994</b> , 14, 1480-97		209
16	Mechanism of calcification in atherosclerosis. <i>Trends in Cardiovascular Medicine</i> , <b>1994</b> , 4, 45-9	6.9	84

15	TGF-beta 1 and 25-hydroxycholesterol stimulate osteoblast-like vascular cells to calcify. <i>Journal of Clinical Investigation</i> , <b>1994</b> , 93, 2106-13	15.9	351
14	Effect of calcification and formalin fixation on in vitro distensibility of human femoral arteries. <i>American Heart Journal</i> , <b>1993</b> , 125, 344-9	4.9	24
13	Bone morphogenetic protein expression in human atherosclerotic lesions. <i>Journal of Clinical Investigation</i> , <b>1993</b> , 91, 1800-9	15.9	770
12	Differential accumulation of intimal monocyte-macrophages relative to lipoproteins and lipofuscin corresponds to hemodynamic forces on cardiac valves in mice. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , <b>1991</b> , 11, 947-57		42
11	Effect of calcification on in vivo mechanical response of rabbit arteries to balloon dilation. <i>Circulation</i> , <b>1991</b> , 83, 2083-93	16.7	86
10	High intensity ultrasound increases distensibility of calcific atherosclerotic arteries. <i>Journal of the American College of Cardiology</i> , <b>1991</b> , 18, 1259-62	15.1	33
9	Metabolic and functional recovery of ischemic human myocardium after coronary angioplasty. <i>Journal of the American College of Cardiology</i> , <b>1991</b> , 18, 966-78	15.1	144
8	Minimally modified low density lipoprotein is biologically active in vivo in mice. <i>Journal of Clinical Investigation</i> , <b>1991</b> , 87, 2253-7	15.9	177
7	Assessment of coronary artery disease severity by positron emission tomography. Comparison with quantitative arteriography in 193 patients. <i>Circulation</i> , <b>1989</b> , 79, 825-35	16.7	255
6	Assessing stenosis severity: coronary flow reserve, collateral function, quantitative coronary arteriography, positron imaging, and digital subtraction angiography. A review and analysis. <i>Progress in Cardiovascular Diseases</i> , <b>1988</b> , 30, 307-22	8.5	76
5	In vivo assessment of vascular dilatation during percutaneous transluminal coronary angioplasty. <i>American Journal of Cardiology</i> , <b>1987</b> , 60, 988-92	3	44
4	Relation between geometric dimensions of coronary artery stenoses and myocardial perfusion reserve in man. <i>Journal of Clinical Investigation</i> , <b>1987</b> , 79, 1473-8	15.9	70
3	Effect of inflation pressures on coronary angioplasty balloons. <i>American Journal of Cardiology</i> , <b>1986</b> , 57, 26-8	3	14
2	Passive biaxial mechanical properties of isolated canine myocardium. <i>Journal of Physiology</i> , <b>1983</b> , 339, 615-30	3.9	168
1	Chapter 93. Vascular Calcification 436-442		2