

# Regulatory mechanisms in vascular calcification

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Vitamin D and Vascular Calcification in Chronic Kidney Disease. <i>Kidney and Blood Pressure Research</i> , 2011, 34, 261-268.	0.9	36
2	NT5EMutations and Arterial Calcifications. <i>New England Journal of Medicine</i> , 2011, 364, 1577-1580.	13.9	7
3	Calcific Aortic Valve Stenosis: Methods, Models, and Mechanisms. <i>Circulation Research</i> , 2011, 108, 1392-1412.	2.0	257
4	The LDLR deficient mouse as a model for aortic calcification and quantification by micro-computed tomography. <i>Atherosclerosis</i> , 2011, 219, 455-462.	0.4	54
5	Molecular and cellular mechanisms of valve calcification. <i>Aswan Heart Centre Science &amp; Practice Series</i> , 2011, 2011, .	0.3	8
6	Extracellular matrix calcification in chronic kidney disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2011, 20, 360-368.	1.0	14
7	The exchangeable calcium pool: physiology and pathophysiology in chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 2438-2444.	0.4	28
8	A shift in calcium. <i>Nature Medicine</i> , 2011, 17, 430-431.	15.2	28
9	Exposure to Uremic Serum Induces a Procalcific Phenotype in Human Mesenchymal Stem Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, e45-54.	1.1	44
10	Biom mineralization and matrix vesicles in biology and pathology. <i>Seminars in Immunopathology</i> , 2011, 33, 409-417.	2.8	160
11	Activation of Vascular Bone Morphogenetic Protein Signaling in Diabetes Mellitus. <i>Circulation Research</i> , 2011, 108, 446-457.	2.0	150
12	Arterial Calcification in Chronic Kidney Disease: Key Roles for Calcium and Phosphate. <i>Circulation Research</i> , 2011, 109, 697-711.	2.0	766
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14	Vascular Calcification. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1249-1250.	1.1	13
15	Role of Cellular Cholesterol Metabolism in Vascular Cell Calcification. <i>Journal of Biological Chemistry</i> , 2011, 286, 33701-33706.	1.6	28
16	Osteocalcin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2169-2171.	1.1	42
17	Molecular Imaging Insights Into Early Inflammatory Stages of Arterial and Aortic Valve Calcification. <i>Circulation Research</i> , 2011, 108, 1381-1391.	2.0	276
18	Vascular Calcification. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 237-239.	1.1	23

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19	Association of Serum Phosphate and Related Factors in ESRD-Related Vascular Calcification. <i>International Journal of Nephrology</i> , 2011, 2011, 1-8.	0.7	15
20	Upregulation of a Disintegrin and Metalloproteinase With Thrombospondin Motifs-7 by miR-29 Repression Mediates Vascular Smooth Muscle Calcification. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2580-2588.	1.1	110
21	Inhibition of Bone Morphogenetic Protein Signaling Reduces Vascular Calcification and Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 613-622.	1.1	188
22	Serum myostatin levels are negatively associated with abdominal aortic calcification in older men: the STRAMBO study. <i>European Journal of Endocrinology</i> , 2012, 167, 873-880.	1.9	15
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24	Insulin resistance induces medial artery calcification in fructose-fed rats. <i>Experimental Biology and Medicine</i> , 2012, 237, 50-57.	1.1	26
25	Reduced plasma fetuin-A levels in patients with obstructive sleep apnoea: Table 1. <i>European Respiratory Journal</i> , 2012, 40, 1046-1048.	3.1	4
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27	RANKL Enhances Macrophage Paracrine Pro-Calcific Activity in High Phosphate-Treated Smooth Muscle Cells: Dependence on IL-6 and TNF- $\alpha$ . <i>Journal of Vascular Research</i> , 2012, 49, 510-521.	0.6	86
28	Uraemia disrupts the vascular niche in a 3D co-culture system of human mesenchymal stem cells and endothelial cells. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 2693-2702.	0.4	11
29	Biomarkers Determining Cardiovascular Risk in Patients with Kidney Disease. <i>Current Medicinal Chemistry</i> , 2012, 19, 2555-2571.	1.2	13
30	Hypertension and vascular calcification. <i>Journal of Hypertension</i> , 2012, 30, 1885-1893.	0.3	53
31	Inverse relationship between body mass index and coronary artery calcification in patients with clinically significant coronary lesions. <i>Atherosclerosis</i> , 2012, 221, 176-182.	0.4	46
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36	Aortic stiffness and calcification in men in a population-based international study. <i>Atherosclerosis</i> , 2012, 222, 473-477.	0.4	63

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38	Engineering three-dimensional cell mechanical microenvironment with hydrogels. <i>Biofabrication</i> , 2012, 4, 042001.	3.7	146
39	Magnitude and presentation of mechanical signals influence adult stem cell behavior in 3-dimensional macroporous hydrogels. <i>Soft Matter</i> , 2012, 8, 8113.	1.2	51
40	Regression of vascular calcification in chronic kidney disease â€“ feasible or fantasy? A review of the clinical evidence. <i>British Journal of Clinical Pharmacology</i> , 2013, 76, 560-572.	1.1	23
41	Proteomic Identification of a Novel Hsp90-Containing Proteinâ€™Mineral Complex Which Can Be Induced in Cells in Response to Massive Calcium Influx. <i>Journal of Proteome Research</i> , 2012, 11, 3160-3174.	1.8	9
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50	Calcification resistance for photooxidatively crosslinked acellular bovine jugular vein conduits in rightâ€™side heart implantation. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2644-2653.	2.1	10
51	Circulating Sclerostin and Dickkopf-1 (DKK1) in Predialysis Chronic Kidney Disease (CKD): Relationship with Bone Density and Arterial Stiffness. <i>Calcified Tissue International</i> , 2012, 90, 473-480.	1.5	145
52	Gastrointestinal Phosphate Handling in CKD and Its Association With Cardiovascular Disease. <i>American Journal of Kidney Diseases</i> , 2013, 62, 1006-1011.	2.1	18
53	Composition and Distribution of Elements and Ultrastructural Topography of a Human Cardiac Calculus. <i>Biological Trace Element Research</i> , 2013, 152, 143-151.	1.9	8
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61	Vascular progenitor cells with decalcifying potential: a step toward prevention or treatment of atherosclerotic vascular calcification?. <i>Expert Review of Cardiovascular Therapy</i> , 2013, 11, 937-939.	0.6	1
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64	Thrombomodulin, a novel molecule regulating inorganic phosphate-induced vascular smooth muscle cell calcification. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 56, 72-80.	0.9	14
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73	Defining Vascular Stem Cells. <i>Stem Cells and Development</i> , 2013, 22, 1018-1026.	1.1	73

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81	Osteogenesis of Heterotopically Transplanted Mesenchymal Stromal Cells in Rat Models of Chronic Kidney Disease. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 2523-2534.	3.1	26
82	Expression of Both Matrix Metalloproteinase-2 and Its Tissue Inhibitor-2 in Tunica Media of Radial Artery in Uremic Patients. <i>Renal Failure</i> , 2013, 35, 37-42.	0.8	2
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113	Increased Calcification in Osteoprotegerin-Deficient Smooth Muscle Cells: Dependence on Receptor Activator of NF- $\kappa$ B Ligand and Interleukin 6. <i>Journal of Vascular Research</i> , 2014, 51, 118-131.	0.6	85
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115	Kidney Pericytes: Roles in Regeneration and Fibrosis. <i>Seminars in Nephrology</i> , 2014, 34, 374-383.	0.6	120
116	Hydrogen Sulfide. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 471-473.	1.1	5
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150	Obesity and cardiovascular outcomes: a review. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016, 5, 77-85.	0.4	75
151	Apocynin attenuates angiotensin II-induced vascular smooth muscle cells osteogenic switching via suppressing extracellular signal-regulated kinase 1/2. <i>Oncotarget</i> , 2016, 7, 83588-83600.	0.8	25
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