

# Leon J Schurgers

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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

209  
papers

12,132  
citations

64  
h-index

104  
g-index

229  
ext. papers

14,197  
ext. citations

6  
avg, IF

6.27  
L-index

#	Paper	IF	Citations
209	Identification and characterization of post-translational modifications: Clinical implications.. <i>Molecular Aspects of Medicine</i> , <b>2022</b> , 101066	16.7	5
208	Differential Effects of Platelet Factor 4 (CXCL4) and Its Non-Allelic Variant (CXCL4L1) on Cultured Human Vascular Smooth Muscle Cells.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	1
207	Osteomodulin attenuates smooth muscle cell osteogenic transition in vascular calcification.. <i>Clinical and Translational Medicine</i> , <b>2022</b> , 12, e682	5.7	1
206	Prenatal administration of multipotent adult progenitor cells modulates the systemic and cerebral immune response in an ovine model of chorioamnionitis. <i>Brain, Behavior, &amp; Immunity - Health</i> , <b>2022</b> , 100458	5.1	1
205	Effects of Vitamin D and K on Interleukin-6 in COVID-19.. <i>Frontiers in Nutrition</i> , <b>2021</b> , 8, 761191	6.2	1
204	Altered vitamin K biodistribution and metabolism in experimental and human chronic kidney disease. <i>Kidney International</i> , <b>2021</b> ,	9.9	3
203	Hepatic and Vascular Vitamin K Status in Patients with High Cardiovascular Risk. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	1
202	Functional vitamin K status and risk of incident chronic kidney disease and microalbuminuria: a prospective general population-based cohort study. <i>Nephrology Dialysis Transplantation</i> , <b>2021</b> , 36, 2290-2299	4.3	2
201	Reduced Vitamin K Status as a Potentially Modifiable Risk Factor of Severe Coronavirus Disease 2019. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e4039-e4046	11.6	51
200	Off-target effects of oral anticoagulants - vascular effects of vitamin K antagonist and non-vitamin K antagonist oral anticoagulant dabigatran etexilate. <i>Journal of Thrombosis and Haemostasis</i> , <b>2021</b> , 19, 1348-1363	15.4	5
199	DEFICIENCY OF MYELOID PHD PROTEINS AGGRAVATES ATHEROGENESIS VIA MACROPHAGE APOPTOSIS AND PARACRINE FIBROTIC SIGNALING: Atherogenic effects of myeloid PHD knockdown. <i>Cardiovascular Research</i> , <b>2021</b> ,	9.9	2
198	A biomimetic natural sciences approach to understanding the mechanisms of ageing in burden of lifestyle diseases. <i>Clinical Science</i> , <b>2021</b> , 135, 1251-1272	6.5	1
197	Beyond Nutrient Deficiency-Opportunities to Improve Nutritional Status and Promote Health Modernizing DRIs and Supplementation Recommendations. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	2
196	Vitamin K and cardiovascular complications in chronic kidney disease patients. <i>Kidney International</i> , <b>2021</b> , 100, 1023-1036	9.9	3
195	Nicotine promotes vascular calcification via intracellular Ca <sup>2+</sup> -mediated, Nox5-induced oxidative stress and extracellular vesicle release in vascular smooth muscle cells. <i>Cardiovascular Research</i> , <b>2021</b> ,	9.9	2
194	Glutamyl carboxylase mutations differentially affect the biological function of vitamin K-dependent proteins. <i>Blood</i> , <b>2021</b> , 137, 533-543	2.2	9
193	Endoplasmic Reticulum Stress Mediates Vascular Smooth Muscle Cell Calcification via Increased Release of Grp78 (Glucose-Regulated Protein, 78 kDa)-Loaded Extracellular Vesicles. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, 898-914	9.4	17

192	Combined low vitamin D and K status amplifies mortality risk: a prospective study. <i>European Journal of Nutrition</i> , <b>2021</b> , 60, 1645-1654	5.2	2
191	Sodium [F]Fluoride PET Can Efficiently Monitor In Vivo Atherosclerotic Plaque Calcification Progression and Treatment. <i>Cells</i> , <b>2021</b> , 10,	7.9	5
190	Vitamin K in CKD Bone Disorders. <i>Calcified Tissue International</i> , <b>2021</b> , 108, 476-485	3.9	7
189	Functional vitamin K insufficiency, vascular calcification and mortality in advanced chronic kidney disease: A cohort study. <i>PLoS ONE</i> , <b>2021</b> , 16, e0247623	3.7	3
188	Intravenous Vitamin K1 for the Correction of Prolonged Prothrombin Times in Non-Bleeding Critically Ill Patients: A Prospective Observational Study. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	2
187	Development of the BioHybrid Assay: Combining Primary Human Vascular Smooth Muscle Cells and Blood to Measure Vascular Calcification Propensity. <i>Cells</i> , <b>2021</b> , 10,	7.9	1
186	Improved Quantification of Cell Density in the Arterial Wall-A Novel Nucleus Splitting Approach Applied to 3D Two-Photon Laser-Scanning Microscopy.. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 814434	4.6	
185	Magnesium but not nicotinamide prevents vascular calcification in experimental uraemia. <i>Nephrology Dialysis Transplantation</i> , <b>2020</b> , 35, 65-73	4.3	16
184	Sevelamer Use in End-Stage Kidney Disease (ESKD) Patients Associates with Poor Vitamin K Status and High Levels of Gut-Derived Uremic Toxins: A Drug-Bug Interaction?. <i>Toxins</i> , <b>2020</b> , 12,	4.9	9
183	Reactive Oxygen-Forming Nox5 Links Vascular Smooth Muscle Cell Phenotypic Switching and Extracellular Vesicle-Mediated Vascular Calcification. <i>Circulation Research</i> , <b>2020</b> , 127, 911-927	15.7	39
182	Locking and loading the bullet against micro-calcification. <i>European Journal of Preventive Cardiology</i> , <b>2020</b> , 2047487320911138	3.9	4
181	Early vascular ageing in chronic kidney disease: impact of inflammation, vitamin K, senescence and genomic damage. <i>Nephrology Dialysis Transplantation</i> , <b>2020</b> , 35, ii31-ii37	4.3	33
180	Vitamin K2 Needs an RDI Separate from Vitamin K1. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	18
179	Aortic Valve Calcium Associates with All-Cause Mortality Independent of Coronary Artery Calcium and Inflammation in Patients with End-Stage Renal Disease. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	3
178	Matrix Gla protein is an independent predictor of both intimal and medial vascular calcification in chronic kidney disease. <i>Scientific Reports</i> , <b>2020</b> , 10, 6586	4.9	28
177	The Role of Chronic Kidney Disease in Ectopic Calcification. <i>Contemporary Cardiology</i> , <b>2020</b> , 137-166	0.1	
176	Uremic Toxins and Vascular Calcification-Missing the Forest for All the Trees. <i>Toxins</i> , <b>2020</b> , 12,	4.9	9
175	Intimal and medial calcification in relation to cardiovascular risk factors. <i>PLoS ONE</i> , <b>2020</b> , 15, e0235228	3.7	14

174	Biomarkers Associated With Aortic Valve Calcification: Should We Focus on Sex Specific Processes?. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 604	5.7	4
173	Treatment to reduce vascular calcification in hemodialysis patients using vitamin K (Trevasc-HDK): A study protocol for a randomized controlled trial. <i>Medicine (United States)</i> , <b>2020</b> , 99, e21906	1.8	11
172	Thrombo-Inflammation in Cardiovascular Disease: An Expert Consensus Document from the Third Maastricht Consensus Conference on Thrombosis. <i>Thrombosis and Haemostasis</i> , <b>2020</b> , 120, 538-564	7	39
171	Menaquinone-7 Supplementation Improves Osteogenesis in Pluripotent Stem Cell Derived Mesenchymal Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 618760	5.7	2
170	Annexin A1 as Neuroprotective Determinant for Blood-Brain Barrier Integrity in Neonatal Hypoxic-Ischemic Encephalopathy. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	26
169	Effect of 6-Month Vitamin D Supplementation on Plasma Matrix Gla Protein in Older Adults. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	9
168	Role of Vascular Smooth Muscle Cell Phenotypic Switching and Calcification in Aortic Aneurysm Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2019</b> , 39, 1351-1368	9.4	92
167	Targeting Coagulation Factor Xa Promotes Regression of Advanced Atherosclerosis in Apolipoprotein-E Deficient Mice. <i>Scientific Reports</i> , <b>2019</b> , 9, 3909	4.9	24
166	Vascular Calcification and not Arrhythmia in Idiopathic Atrial Fibrillation Associates with Sex Differences in Diabetic Microvascular Injury miRNA Profiles. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , <b>2019</b> , 8, 127-134	2.9	9
165	Vitamin K: Double Bonds beyond Coagulation Insights into Differences between Vitamin K1 and K2 in Health and Disease. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	75
164	The Bone-Vasculature Axis: Calcium Supplementation and the Role of Vitamin K. <i>Frontiers in Cardiovascular Medicine</i> , <b>2019</b> , 6, 6	5.4	23
163	The effect of menaquinone-7 supplementation on vascular calcification in patients with diabetes: a randomized, double-blind, placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 883-890	7.8	40
162	A Combination of seeds and Rhizome Extracts Improves Knee Joint Function and Alleviates Pain in Non-Arthritic Adults Following Physical Activity. <i>International Journal of Medical Sciences</i> , <b>2019</b> , 16, 845-853	3.7	5
161	Pharmacological and Nutritional Modulation of Vascular Calcification. <i>Nutrients</i> , <b>2019</b> , 12,	6.7	13
160	Cheese and Healthy Diet: Associations With Incident Cardio-Metabolic Diseases and All-Cause Mortality in the General Population. <i>Frontiers in Nutrition</i> , <b>2019</b> , 6, 185	6.2	7
159	The Role of Vascular Smooth Muscle Cells in Arterial Remodeling: Focus on Calcification-Related Processes. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	93
158	Vitamin K Antagonist Use and Risk for Intracranial Carotid Artery Calcification in Patients With Intracerebral Hemorrhage. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 1278	4.1	3
157	Vitamin K deficiency in critical ill patients; a prospective observational study. <i>Journal of Critical Care</i> , <b>2019</b> , 49, 105-109	4	6

156	Target identification for the diagnosis and intervention of vulnerable atherosclerotic plaques beyond F-fluorodeoxyglucose positron emission tomography imaging: promising tracers on the horizon. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2019</b> , 46, 251-265	8.8	18
155	Influence of pH and phosphate concentration on the phosphate binding capacity of five contemporary binders. An in vitro study. <i>Nephrology</i> , <b>2019</b> , 24, 221-226	2.2	8
154	Calcific aortic valve stenosis: hard disease in the heart: A biomolecular approach towards diagnosis and treatment. <i>European Heart Journal</i> , <b>2018</b> , 39, 2618-2624	9.5	69
153	Chronic Kidney Disease Circulating Calciprotein Particles and Extracellular Vesicles Promote Vascular Calcification: A Role for GRP (Gla-Rich Protein). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2018</b> , 38, 575-587	9.4	79
152	Ucma/GRP inhibits phosphate-induced vascular smooth muscle cell calcification via SMAD-dependent BMP signalling. <i>Scientific Reports</i> , <b>2018</b> , 8, 4961	4.9	27
151	Desphospho-Uncarboxylated Matrix-Gla Protein Is Increased Postoperatively in Cardiovascular Risk Patients. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	5
150	Bicuspid Aortic Valve Stenosis and the Effect of Vitamin K2 on Calcification Using F-Sodium Fluoride Positron Emission Tomography/Magnetic Resonance: The BASIK2 Rationale and Trial Design. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	15
149	Decreased Levels of Circulating Carboxylated Osteocalcin in Children with Low Energy Fractures: A Pilot Study. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	6
148	A Novel Biomimetic Tool for Assessing Vitamin K Status Based on Molecularly Imprinted Polymers. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	8
147	Renal matrix Gla protein expression increases progressively with CKD and predicts renal outcome. <i>Experimental and Molecular Pathology</i> , <b>2018</b> , 105, 120-129	4.4	14
146	Initiation and Propagation of Vascular Calcification Is Regulated by a Concert of Platelet- and Smooth Muscle Cell-Derived Extracellular Vesicles. <i>Frontiers in Cardiovascular Medicine</i> , <b>2018</b> , 5, 36	5.4	43
145	Vitamin K Antagonists, Non-Vitamin K Antagonist Oral Anticoagulants, and Vascular Calcification in Patients with Atrial Fibrillation. <i>TH Open</i> , <b>2018</b> , 2, e391-e398	2.7	14
144	AnnexinA5-pHrodo: a new molecular probe for measuring efferocytosis. <i>Scientific Reports</i> , <b>2018</b> , 8, 17731	4.9	3
143	Missense mutation of VKORC1 leads to medial arterial calcification in rats. <i>Scientific Reports</i> , <b>2018</b> , 8, 13733	4.9	6
142	The role of kidney transplantation and phosphate binder use in vitamin K status. <i>PLoS ONE</i> , <b>2018</b> , 13, e0203157	3.7	29
141	Prothrombin Loading of Vascular Smooth Muscle Cell-Derived Exosomes Regulates Coagulation and Calcification. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2017</b> , 37, e22-e32	9.4	64
140	Vascular CXCR4 Limits Atherosclerosis by Maintaining Arterial Integrity: Evidence From Mouse and Human Studies. <i>Circulation</i> , <b>2017</b> , 136, 388-403	16.7	83
139	Platelet extracellular vesicles induce a pro-inflammatory smooth muscle cell phenotype. <i>Journal of Extracellular Vesicles</i> , <b>2017</b> , 6, 1322454	16.4	49

138	Slower Progress of Aortic Valve Calcification With Vitamin K Supplementation: Results From a Prospective Interventional Proof-of-Concept Study. <i>Circulation</i> , <b>2017</b> , 135, 2081-2083	16.7	75
137	Circulating annexin A5 levels are associated with carotid intima-media thickness but not coronary plaque composition. <i>Diabetes and Vascular Disease Research</i> , <b>2017</b> , 14, 415-422	3.3	1
136	Does statins promote vascular calcification in chronic kidney disease?. <i>European Journal of Clinical Investigation</i> , <b>2017</b> , 47, 137-148	4.6	48
135	Annexin A5 reduces early plaque formation in ApoE <sup>-/-</sup> mice. <i>PLoS ONE</i> , <b>2017</b> , 12, e0190229	3.7	11
134	Phosphate binders affect vitamin K concentration by undesired binding, an in vitro study. <i>BMC Nephrology</i> , <b>2017</b> , 18, 149	2.7	37
133	Use of Cyclic Backbone NGR-Based SPECT to Increase Efficacy of Postmyocardial Infarction Angiogenesis Imaging. <i>Contrast Media and Molecular Imaging</i> , <b>2017</b> , 2017, 8638549	3.2	3
132	Vitamin K antagonism aggravates chronic kidney disease-induced neointimal hyperplasia and calcification in arterialized veins: role of vitamin K treatment?. <i>Kidney International</i> , <b>2016</b> , 89, 601-11	9.9	18
131	Vascular calcification in chronic kidney disease: an update. <i>Nephrology Dialysis Transplantation</i> , <b>2016</b> , 31, 31-9	4.3	153
130	Lack of evidence does not justify neglect: how can we address unmet medical needs in calciphylaxis?. <i>Nephrology Dialysis Transplantation</i> , <b>2016</b> , 31, 1211-9	4.3	34
129	Microparticle-Induced Coagulation Relates to Coronary Artery Atherosclerosis in Severe Aortic Valve Stenosis. <i>PLoS ONE</i> , <b>2016</b> , 11, e0151499	3.7	10
128	Cathepsin K Deficiency Prevents the Aggravated Vascular Remodeling Response to Flow Cessation in ApoE <sup>-/-</sup> Mice. <i>PLoS ONE</i> , <b>2016</b> , 11, e0162595	3.7	5
127	Response to letter to the editor: annexin A5 levels or circulating microparticles: what we see depends mainly on what we look for. <i>Journal of Internal Medicine</i> , <b>2016</b> , 279, 606-7	10.8	
126	What's in a name? The pharmacy of vitamin K. <i>British Journal of Haematology</i> , <b>2016</b> , 174, 989-90	4.5	4
125	Circulating annexin A5 predicts mortality in patients with heart failure. <i>Journal of Internal Medicine</i> , <b>2016</b> , 279, 89-97	10.8	15
124	Vascular smooth muscle cell calcification is mediated by regulated exosome secretion. <i>Circulation Research</i> , <b>2015</b> , 116, 1312-23	15.7	319
123	Prevention of vasculopathy by vitamin K supplementation: can we turn fiction into fact?. <i>Atherosclerosis</i> , <b>2015</b> , 240, 10-6	3.1	39
122	Myeloid A disintegrin and metalloproteinase domain 10 deficiency modulates atherosclerotic plaque composition by shifting the balance from inflammation toward fibrosis. <i>American Journal of Pathology</i> , <b>2015</b> , 185, 1145-55	5.8	27
121	Apolipoprotein E Regulates Amyloid Formation within Endosomes of Pigment Cells. <i>Cell Reports</i> , <b>2015</b> , 13, 43-51	10.6	77

120	High-Dose Menaquinone-7 Supplementation Reduces Cardiovascular Calcification in a Murine Model of Extraosseous Calcification. <i>Nutrients</i> , <b>2015</b> , 7, 6991-7011	6.7	33
119	Menaquinone-7 Supplementation to Reduce Vascular Calcification in Patients with Coronary Artery Disease: Rationale and Study Protocol (VitaK-CAC Trial). <i>Nutrients</i> , <b>2015</b> , 7, 8905-15	6.7	41
118	New Insights into the Pros and Cons of the Clinical Use of Vitamin K Antagonists (VKAs) Versus Direct Oral Anticoagulants (DOACs). <i>Nutrients</i> , <b>2015</b> , 7, 9538-57	6.7	43
117	Pharmacological Treatment with Annexin A1 Reduces Atherosclerotic Plaque Burden in LDLR <sup>-/-</sup> Mice on Western Type Diet. <i>PLoS ONE</i> , <b>2015</b> , 10, e0130484	3.7	43
116	Intra-Section Analysis of Human Coronary Arteries Reveals a Potential Role for Micro-Calcifications in Macrophage Recruitment in the Early Stage of Atherosclerosis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0142335	3.7	38
115	Mutations in the ABCC6 gene as a cause of generalized arterial calcification of infancy: genotypic overlap with pseudoxanthoma elasticum. <i>Journal of Investigative Dermatology</i> , <b>2014</b> , 134, 658-665	4.3	58
114	The realm of vitamin K dependent proteins: shifting from coagulation toward calcification. <i>Molecular Nutrition and Food Research</i> , <b>2014</b> , 58, 1620-35	5.9	72
113	Molecular imaging of cell death in tumors. Increasing annexin A5 size reduces contribution of phosphatidylserine-targeting function to tumor uptake. <i>PLoS ONE</i> , <b>2014</b> , 9, e96749	3.7	6
112	Differential cellular effects of old and new oral anticoagulants: consequences to the genesis and progression of atherosclerosis. <i>Thrombosis and Haemostasis</i> , <b>2014</b> , 112, 909-17	7	25
111	Vitamin K1 to slow vascular calcification in haemodialysis patients (VitaVasK trial): a rationale and study protocol. <i>Nephrology Dialysis Transplantation</i> , <b>2014</b> , 29, 1633-8	4.3	54
110	162 Regulated Exosome Secretion by Vascular Smooth Muscle Cells Mediates Vascular Calcification. <i>Heart</i> , <b>2014</b> , 100, A93-A94	5.1	4
109	AnxA5 reduces plaque inflammation of advanced atherosclerotic lesions in apoE <sup>(-/-)</sup> mice. <i>Journal of Cellular and Molecular Medicine</i> , <b>2014</b> , 18, 2117-24	5.6	18
108	Warfarin accelerates ectopic mineralization in Abcc6 <sup>(-/-)</sup> mice: clinical relevance to pseudoxanthoma elasticum. <i>American Journal of Pathology</i> , <b>2013</b> , 182, 1139-50	5.8	16
107	Ectopic calcification in $\beta$ -thalassaemia patients is associated with increased oxidative stress and lower MGP carboxylation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2013</b> , 1832, 2077-84	6.9	14
106	Vitamin K-dependent carboxylation of matrix Gla-protein: a crucial switch to control ectopic mineralization. <i>Trends in Molecular Medicine</i> , <b>2013</b> , 19, 217-26	11.5	195
105	Circulating matrix Gla protein is associated with coronary artery calcification and vitamin K status in healthy women. <i>Journal of Nutritional Biochemistry</i> , <b>2013</b> , 24, 624-8	6.3	81
104	Vitamin K: key vitamin in controlling vascular calcification in chronic kidney disease. <i>Kidney International</i> , <b>2013</b> , 83, 782-4	9.9	31
103	Novel insights into osteogenesis and matrix remodelling associated with calcific uraemic arteriopathy. <i>Nephrology Dialysis Transplantation</i> , <b>2013</b> , 28, 856-68	4.3	62

102	Matrix gla protein and alkaline phosphatase are differently modulated in human dermal fibroblasts from PXE patients and controls. <i>Journal of Investigative Dermatology</i> , <b>2013</b> , 133, 946-54	4.3	27
101	Cell surface-expressed phosphatidylserine as therapeutic target to enhance phagocytosis of apoptotic cells. <i>Cell Death and Differentiation</i> , <b>2013</b> , 20, 49-56	12.7	25
100	Warfarin induces cardiovascular damage in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 2618-24	9.4	76
99	Relationship between sclerostin and cardiovascular calcification in hemodialysis patients: a cross-sectional study. <i>BMC Nephrology</i> , <b>2013</b> , 14, 219	2.7	120
98	Effect of vitamin K2 supplementation on functional vitamin K deficiency in hemodialysis patients: a randomized trial. <i>American Journal of Kidney Diseases</i> , <b>2012</b> , 59, 186-95	7.4	209
97	Incorporation of disulfide containing protein modules into multivalent antigenic conjugates: generation of antibodies against the thrombin-sensitive region of murine protein S. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 19318-21	16.4	9
96	Molecular imaging to identify the vulnerable plaque--from basic research to clinical practice. <i>Molecular Imaging and Biology</i> , <b>2012</b> , 14, 523-33	3.8	15
95	Vascular calcification: the price to pay for anticoagulation therapy with vitamin K-antagonists. <i>Blood Reviews</i> , <b>2012</b> , 26, 155-66	11.1	106
94	Comparison of menaquinone-4 and menaquinone-7 bioavailability in healthy women. <i>Nutrition Journal</i> , <b>2012</b> , 11, 93	4.3	73
93	Vitamin K-antagonists accelerate atherosclerotic calcification and induce a vulnerable plaque phenotype. <i>PLoS ONE</i> , <b>2012</b> , 7, e43229	3.7	100
92	Vitamin k intake and plasma desphospho-uncarboxylated matrix Gla-protein levels in kidney transplant recipients. <i>PLoS ONE</i> , <b>2012</b> , 7, e47991	3.7	59
91	Mechanisms of arterial remodeling: lessons from genetic diseases. <i>Frontiers in Genetics</i> , <b>2012</b> , 3, 290	4.5	81
90	Calcification inhibitors in vascular calciphylaxis associated with normal renal function. <i>Thrombosis and Haemostasis</i> , <b>2012</b> , 108, 1241-3	7	4
89	A fluorescent method to determine vitamin K-dependent gamma-glutamyl carboxylase activity. <i>Analytical Biochemistry</i> , <b>2012</b> , 421, 411-6	3.1	4
88	Association of vitamin K status with adiponectin and body composition in healthy subjects: uncarboxylated osteocalcin is not associated with fat mass and body weight. <i>British Journal of Nutrition</i> , <b>2012</b> , 108, 1017-24	3.6	33
87	Vitamin K intake and status are low in hemodialysis patients. <i>Kidney International</i> , <b>2012</b> , 82, 605-10	9.9	121
86	Low-dose menaquinone-7 supplementation improved extra-hepatic vitamin K status, but had no effect on thrombin generation in healthy subjects. <i>British Journal of Nutrition</i> , <b>2012</b> , 108, 1652-7	3.6	64
85	Microcalcifications in early intimal lesions of atherosclerotic human coronary arteries. <i>American Journal of Pathology</i> , <b>2011</b> , 178, 2879-87	5.8	77



84	Role of vitamin K-dependent proteins in the arterial vessel wall. <i>Hamostaseologie</i> , <b>2011</b> , 31, 251-7	1.9	27
83	Circulating levels of non-phosphorylated undercarboxylated matrix Gla protein are associated with disease severity in patients with chronic heart failure. <i>Clinical Science</i> , <b>2011</b> , 121, 119-27	6.5	50
82	Circulating matrix $\gamma$ -carboxyglutamate protein (MGP) species are refractory to vitamin K treatment in a new case of Keutel syndrome. <i>Journal of Thrombosis and Haemostasis</i> , <b>2011</b> , 9, 1225-35	15.4	27
81	Vitamin K supplementation increases vitamin K tissue levels but fails to counteract ectopic calcification in a mouse model for pseudoxanthoma elasticum. <i>Journal of Molecular Medicine</i> , <b>2011</b> , 89, 1125-35	5.5	38
80	Atypical presentation of pseudoxanthoma elasticum with abdominal cutis laxa: evidence for a spectrum of ectopic calcification disorders?. <i>American Journal of Medical Genetics, Part A</i> , <b>2011</b> , 155A, 2855-9	2.5	15
79	Progression of aortic calcification is associated with disorders of mineral metabolism and mortality in chronic dialysis patients. <i>Nephrology Dialysis Transplantation</i> , <b>2011</b> , 26, 1662-9	4.3	106
78	Calcium regulates key components of vascular smooth muscle cell-derived matrix vesicles to enhance mineralization. <i>Circulation Research</i> , <b>2011</b> , 109, e1-12	15.7	269
77	Administration of vitamin K does not counteract the ectopic mineralization of connective tissues in Abcc6 (-/-) mice, a model for pseudoxanthoma elasticum. <i>Cell Cycle</i> , <b>2011</b> , 10, 701-7	4.7	41
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2	Reduced Vitamin K Status as A Potentially Modifiable Prognostic Risk Factor in COVID-19		12
1	Reduced Vitamin K Status as A Potentially Modifiable Prognostic Risk Factor in COVID-19		2