

# Diane Proudfoot

## List of Publications by Year in descending order

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24  
papers

4,224  
citations

361413

20  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

4012  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Vascular Smooth Muscle Cells Undergo Vesicle-Mediated Calcification in Response to Changes in Extracellular Calcium and Phosphate Concentrations. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 2857-2867.	6.1	830
2	Apoptosis Regulates Human Vascular Calcification In Vitro. <i>Circulation Research</i> , 2000, 87, 1055-1062.	4.5	648
3	Medial Localization of Mineralization-Regulating Proteins in Association With Mönckeberg's Sclerosis. <i>Circulation</i> , 1999, 100, 2168-2176.	1.6	595
4	Calcium Regulates Key Components of Vascular Smooth Muscle Cell-Derived Matrix Vesicles to Enhance Mineralization. <i>Circulation Research</i> , 2011, 109, e1-12.	4.5	329
5	Calcium Phosphate Crystals Induce Cell Death in Human Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 2008, 103, e28-34.	4.5	280
6	Calcification of Human Vascular Cells In Vitro Is Correlated With High Levels of Matrix Gla Protein and Low Levels of Osteopontin Expression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 379-388.	2.4	242
7	Biology of Calcification in Vascular Cells: Intima versus Media. <i>Herz</i> , 2001, 26, 245-251.	1.1	180
8	The Role of Gla Proteins in Vascular Calcification. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 1998, 8, 357-375.	0.9	151
9	Molecular mechanisms mediating vascular calcification: Role of matrix Gla protein (Review Article). <i>Nephrology</i> , 2006, 11, 455-461.	1.6	145
10	A Polymorphism of the Human Matrix $\gamma$ -Carboxyglutamic Acid Protein Promoter Alters Binding of an Activating Protein-1 Complex and Is Associated with Altered Transcription and Serum Levels. <i>Journal of Biological Chemistry</i> , 2001, 276, 32466-32473.	3.4	108
11	Reactive Oxygen-Forming Nox5 Links Vascular Smooth Muscle Cell Phenotypic Switching and Extracellular Vesicle-Mediated Vascular Calcification. <i>Circulation Research</i> , 2020, 127, 911-927.	4.5	104
12	Mineral Surface in Calcified Plaque Is Like That of Bone. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 2030-2034.	2.4	95
13	Complement-Induced Release of Monocyte Chemoattractant Protein-1 From Human Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996, 16, 673-677.	2.4	93
14	Matrix Gla Protein Is Regulated by a Mechanism Functionally Related to the Calcium-Sensing Receptor. <i>Biochemical and Biophysical Research Communications</i> , 2000, 277, 736-740.	2.1	87
15	Vascular calcification: new insights into an old problem. <i>Journal of Pathology</i> , 1998, 185, 1-3.	4.5	75
16	Adipocytic Differentiation and Liver X Receptor Pathways Regulate the Accumulation of Triacylglycerols in Human Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 3911-3919.	3.4	70
17	Fetuin-A and Albumin Alter Cytotoxic Effects of Calcium Phosphate Nanoparticles on Human Vascular Smooth Muscle Cells. <i>PLoS ONE</i> , 2014, 9, e97565.	2.5	62
18	Calcium Signaling and Tissue Calcification. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a035303.	5.5	41

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19	Calcium phosphate particles stimulate interleukin-1 $\beta$ release from human vascular smooth muscle cells: A role for spleen tyrosine kinase and exosome release. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 115, 82-93.	1.9	35
20	Human Vascular Smooth Muscle Cell Culture. <i>Methods in Molecular Biology</i> , 2012, 806, 251-263.	0.9	26
21	Nanocrystals seed calcification in more ways than one. <i>Kidney International</i> , 2011, 79, 379-382.	5.2	15
22	Molecular mechanisms of arterial calcification. <i>Artery Research</i> , 2009, 3, 128.	0.6	7
23	A novel cell growth Inhibitor produced by macrophages. <i>Biochemical Society Transactions</i> , 1995, 23, 591S-591S.	3.4	1
24	Vascular Smooth Muscle. , 2001, , 43-64.		0