Alexander N Kapustin

List of Publications by Year
in descending order

20	2,564	471061 17	713013 21
papers	citations	h-index	g-index

21	21	21	3799
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Arterial Calcification in Chronic Kidney Disease: Key Roles for Calcium and Phosphate. Circulation Research, 2011, 109, 697-711.	2.0	766
2	Vascular Smooth Muscle Cell Calcification Is Mediated by Regulated Exosome Secretion. Circulation Research, 2015, 116, 1312-1323.	2.0	419
3	Calcium Regulates Key Components of Vascular Smooth Muscle Cellâ€"Derived Matrix Vesicles to Enhance Mineralization. Circulation Research, 2011, 109, e1-12.	2.0	329
4	Reactive oxygen species regulate axonal regeneration through the release of exosomal NADPH oxidase 2 complexes into injured axons. Nature Cell Biology, 2018, 20, 307-319.	4.6	233
5	Extracellular matrix proteomics identifies molecular signature of symptomatic carotid plaques. Journal of Clinical Investigation, 2017, 127, 1546-1560.	3.9	122
6	Emerging roles for vascular smooth muscle cell exosomes in calcification and coagulation. Journal of Physiology, 2016, 594, 2905-2914.	1.3	115
7	Catalytic Activity of NADH-ubiquinone Oxidoreductase (Complex I) in Intact Mitochondria. Journal of Biological Chemistry, 2001, 276, 9038-9044.	1.6	101
8	Prothrombin Loading of Vascular Smooth Muscle Cellâ€"Derived Exosomes Regulates Coagulation and Calcification. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, e22-e32.	1.1	80
9	Calcium Regulation of Vascular Smooth Muscle Cellâ€"Derived Matrix Vesicles. Trends in Cardiovascular Medicine, 2012, 22, 133-137.	2.3	74
10	Urokinase Gene Transfer Augments Angiogenesis in Ischemic Skeletal and Myocardial Muscle. Molecular Therapy, 2007, 15, 1939-1946.	3.7	53
11	Endoplasmic Reticulum Stress Mediates Vascular Smooth Muscle Cell Calcification via Increased Release of Grp78 (Glucose-Regulated Protein, 78 kDa)-Loaded Extracellular Vesicles. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 898-914.	1.1	53
12	Osteocalcin. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2169-2171.	1.1	42
13	Using macropinocytosis for intracellular delivery of therapeutic nucleic acids to tumour cells. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180156.	1.8	39
14	Calcium phosphate particles stimulate interleukin-1Î² release from human vascular smooth muscle cells: A role for spleen tyrosine kinase and exosome release. Journal of Molecular and Cellular Cardiology, 2018, 115, 82-93.	0.9	35
15	Targeting vascular calcification: softening-up a hard target. Current Opinion in Pharmacology, 2009, 9, 84-89.	1.7	28
16	Neointimal Hyperplasia and Calcification in Medium Sized Arteries in Adult Patients with Chronic Kidney Disease. Seminars in Dialysis, 2015, 28, E35-40.	0.7	28
17	Fibulin-5 binds urokinase-type plasminogen activator and mediates urokinase-stimulated Î²1-integrin-dependent cell migration. Biochemical Journal, 2012, 443, 491-503.	1.7	25
18	162â€...Regulated Exosome Secretion by Vascular Smooth Muscle Cells Mediates Vascular Calcification. Heart, 2014, 100, A93-A94.	1.2	4

#	Article	IF	Citations
19	Antisense oligonucleotide activity in tumour cells is influenced by intracellular LBPA distribution and extracellular vesicle recycling. Communications Biology, 2021, 4, 1241.	2.0	3
20	UKâ€“Russia Researcher Links Workshop: extracellular vesicles â€“ mechanisms of biogenesis and roles in disease pathogenesis, M.V. Lomonosov Moscow State University, Moscow, Russia, 1â€“5ÂMarch 2015. Journal of Extracellular Vesicles, 2015, 4, 28094.	5.5	1