

# Alexander N Kapustin

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

2,564  
citations

471061

17  
h-index

713013

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

3799  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2021, 41, 898-914.	1.1	53
2	Antisense oligonucleotide activity in tumour cells is influenced by intracellular LBPA distribution and extracellular vesicle recycling. <i>Communications Biology</i> , 2021, 4, 1241.	2.0	3
3	Using macropinocytosis for intracellular delivery of therapeutic nucleic acids to tumour cells. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180156.	1.8	39
4	Reactive oxygen species regulate axonal regeneration through the release of exosomal NADPH oxidase 2 complexes into injured axons. <i>Nature Cell Biology</i> , 2018, 20, 307-319.	4.6	233
5	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.	0.9	35
6	Prothrombin Loading of Vascular Smooth Muscle Cell-Derived Exosomes Regulates Coagulation and Calcification. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, e22-e32.	1.1	80
7	Extracellular matrix proteomics identifies molecular signature of symptomatic carotid plaques. <i>Journal of Clinical Investigation</i> , 2017, 127, 1546-1560.	3.9	122
8	Emerging roles for vascular smooth muscle cell exosomes in calcification and coagulation. <i>Journal of Physiology</i> , 2016, 594, 2905-2914.	1.3	115
9	UK-Russia Researcher Links Workshop: extracellular vesicles – mechanisms of biogenesis and roles in disease pathogenesis, M.V. Lomonosov Moscow State University, Moscow, Russia, 1 $\text{st}$ –5 $\text{th}$ March 2015. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 28094.	5.5	1
10	Neointimal Hyperplasia and Calcification in Medium Sized Arteries in Adult Patients with Chronic Kidney Disease. <i>Seminars in Dialysis</i> , 2015, 28, E35-40.	0.7	28
11	Vascular Smooth Muscle Cell Calcification Is Mediated by Regulated Exosome Secretion. <i>Circulation Research</i> , 2015, 116, 1312-1323.	2.0	419
12	162 $\beta$ -Regulated Exosome Secretion by Vascular Smooth Muscle Cells Mediates Vascular Calcification. <i>Heart</i> , 2014, 100, A93-A94.	1.2	4
13	Calcium Regulation of Vascular Smooth Muscle Cell-Derived Matrix Vesicles. <i>Trends in Cardiovascular Medicine</i> , 2012, 22, 133-137.	2.3	74
14	Fibulin-5 binds urokinase-type plasminogen activator and mediates urokinase-stimulated $\beta$ 1-integrin-dependent cell migration. <i>Biochemical Journal</i> , 2012, 443, 491-503.	1.7	25
15	Calcium Regulates Key Components of Vascular Smooth Muscle Cell-Derived Matrix Vesicles to Enhance Mineralization. <i>Circulation Research</i> , 2011, 109, e1-12.	2.0	329
16	Arterial Calcification in Chronic Kidney Disease: Key Roles for Calcium and Phosphate. <i>Circulation Research</i> , 2011, 109, 697-711.	2.0	766
17	Osteocalcin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2169-2171.	1.1	42
18	Targeting vascular calcification: softening-up a hard target. <i>Current Opinion in Pharmacology</i> , 2009, 9, 84-89.	1.7	28

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19	Urokinase Gene Transfer Augments Angiogenesis in Ischemic Skeletal and Myocardial Muscle. <i>Molecular Therapy</i> , 2007, 15, 1939-1946.	3.7	53
20	Catalytic Activity of NADH-ubiquinone Oxidoreductase (Complex I) in Intact Mitochondria. <i>Journal of Biological Chemistry</i> , 2001, 276, 9038-9044.	1.6	101