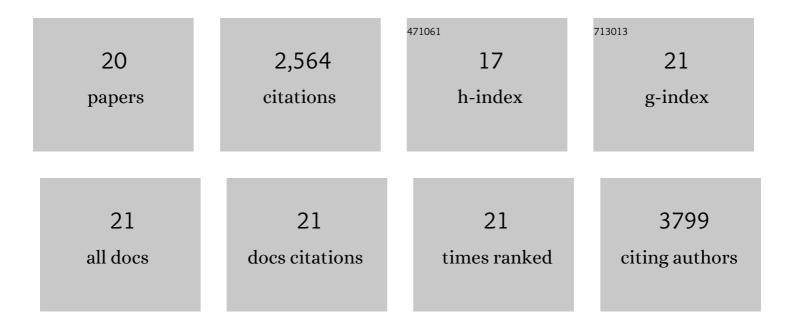
Alexander N Kapustin

List of Publications by Year in descending order

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| # | 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 Cell–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 Cell–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 Cell–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-1β 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 β1-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 | UK–Russia Researcher Links Workshop: extracellular vesicles – mechanisms of biogenesis and roles in disease pathogenesis, M.V. Lomonosov Moscow State University, Moscow, Russia, 1–5ÂMarch 2015. Journal of Extracellular Vesicles, 2015, 4, 28094. | 5.5 | 1 |