

Sandeep Kumar

List of Publications by Citations

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121
papers

7,621
citations

48
h-index

86
g-index

130
ext. papers

8,645
ext. citations

7.6
avg, IF

5.84
L-index

#	Paper	IF	Citations
121	Shear stress stimulates phosphorylation of endothelial nitric-oxide synthase at Ser1179 by Akt-independent mechanisms: role of protein kinase A. <i>Journal of Biological Chemistry</i> , 2002 , 277, 3388-96 [†]	5.4	350
120	Role of xanthine oxidoreductase and NAD(P)H oxidase in endothelial superoxide production in response to oscillatory shear stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 285, H2290-7	5.2	341
119	Bone morphogenic protein 4 produced in endothelial cells by oscillatory shear stress induces monocyte adhesion by stimulating reactive oxygen species production from a nox1-based NADPH oxidase. <i>Circulation Research</i> , 2004 , 95, 773-9	15.7	316
118	Partial carotid ligation is a model of acutely induced disturbed flow, leading to rapid endothelial dysfunction and atherosclerosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 297, H1535-43	5.2	313
117	Flow-dependent regulation of endothelial nitric oxide synthase: role of protein kinases. <i>American Journal of Physiology - Cell Physiology</i> , 2003 , 285, C499-508	5.4	284
116	Biomechanical factors in atherosclerosis: mechanisms and clinical implications. <i>European Heart Journal</i> , 2014 , 35, 3013-20, 3020a-3020d	9.5	250
115	Oscillatory shear stress stimulates endothelial production of O ₂ ⁻ from p47phox-dependent NAD(P)H oxidases, leading to monocyte adhesion. <i>Journal of Biological Chemistry</i> , 2003 , 278, 47291-8	5.4	232
114	Bone morphogenic protein 4 produced in endothelial cells by oscillatory shear stress stimulates an inflammatory response. <i>Journal of Biological Chemistry</i> , 2003 , 278, 31128-35	5.4	230
113	Role of flow-sensitive microRNAs in endothelial dysfunction and atherosclerosis: mechanosensitive athero-miRs. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2206-16	9.4	194
112	Flow-dependent epigenetic DNA methylation regulates endothelial gene expression and atherosclerosis. <i>Journal of Clinical Investigation</i> , 2014 , 124, 3187-99	15.9	194
111	Altered shear stress stimulates upregulation of endothelial VCAM-1 and ICAM-1 in a BMP-4- and TGF-beta1-dependent pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 254-60	9.4	182
110	Shear stress stimulates phosphorylation of eNOS at Ser(635) by a protein kinase A-dependent mechanism. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 283, H1819-28	5.2	182
109	MicroRNA-663 upregulated by oscillatory shear stress plays a role in inflammatory response of endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 300, H1762-9	5.2	165
108	The atypical mechanosensitive microRNA-712 derived from pre-ribosomal RNA induces endothelial inflammation and atherosclerosis. <i>Nature Communications</i> , 2013 , 4, 3000	17.4	162
107	Chronic shear induces caveolae formation and alters ERK and Akt responses in endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 285, H1113-22	5.2	143
106	Elevated cyclic stretch induces aortic valve calcification in a bone morphogenic protein-dependent manner. <i>American Journal of Pathology</i> , 2010 , 177, 49-57	5.8	124
105	Discovery of novel mechanosensitive genes in vivo using mouse carotid artery endothelium exposed to disturbed flow. <i>Blood</i> , 2010 , 116, e66-73	2.2	120

104	Multifunctional Nanoparticles Facilitate Molecular Targeting and miRNA Delivery to Inhibit Atherosclerosis in ApoE(-/-) Mice. <i>ACS Nano</i> , 2015 , 9, 8885-97	16.7	109
103	Fluid Mechanics, Arterial Disease, and Gene Expression. <i>Annual Review of Fluid Mechanics</i> , 2014 , 46, 591-614		107
102	Bone morphogenic protein-4 induces hypertension in mice: role of noggin, vascular NADPH oxidases, and impaired vasorelaxation. <i>Circulation</i> , 2006 , 113, 2818-25	16.7	107
101	Bone morphogenic protein antagonists are coexpressed with bone morphogenic protein 4 in endothelial cells exposed to unstable flow in vitro in mouse aortas and in human coronary arteries: role of bone morphogenic protein antagonists in inflammation and atherosclerosis. <i>Circulation</i> , 2007 , 116, 1258-66	16.7	107
100	NF- κ B mediated miR-26a regulation in cardiac fibrosis. <i>Journal of Cellular Physiology</i> , 2013 , 228, 1433-42	7	105
99	An ex vivo study of the biological properties of porcine aortic valves in response to circumferential cyclic stretch. <i>Annals of Biomedical Engineering</i> , 2006 , 34, 1655-65	4.7	101
98	KLF2 and KLF4 control endothelial identity and vascular integrity. <i>JCI Insight</i> , 2017 , 2, e91700	9.9	100
97	Circulating miRNAs as potential marker for pulmonary hypertension. <i>PLoS ONE</i> , 2013 , 8, e64396	3.7	93
96	Peroxiredoxin 2 deficiency exacerbates atherosclerosis in apolipoprotein E-deficient mice. <i>Circulation Research</i> , 2011 , 109, 739-49	15.7	90
95	Expression of cathepsin K is regulated by shear stress in cultured endothelial cells and is increased in endothelium in human atherosclerosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 292, H1479-86	5.2	89
94	Prevention of abdominal aortic aneurysm by anti-microRNA-712 or anti-microRNA-205 in angiotensin II-infused mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 1412-21	9.4	85
93	Protein kinase B/Akt activates c-Jun NH(2)-terminal kinase by increasing NO production in response to shear stress. <i>Journal of Applied Physiology</i> , 2001 , 91, 1574-81	3.7	84
92	Discovery of shear- and side-specific mRNAs and miRNAs in human aortic valvular endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 301, H856-67	5.2	83
91	Role of NADPH oxidases in disturbed flow- and BMP4- induced inflammation and atherosclerosis. <i>Antioxidants and Redox Signaling</i> , 2006 , 8, 1609-19	8.4	78
90	High glucose-induced Ca ²⁺ overload and oxidative stress contribute to apoptosis of cardiac cells through mitochondrial dependent and independent pathways. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012 , 1820, 907-20	4	75
89	Cytoprotective and antioxidant role of diallyl tetrasulfide on cadmium induced renal injury: an in vivo and in vitro study. <i>Life Sciences</i> , 2007 , 80, 650-8	6.8	72
88	Aortic valve: mechanical environment and mechanobiology. <i>Annals of Biomedical Engineering</i> , 2013 , 41, 1331-46	4.7	71
87	Laminar shear stress up-regulates peroxiredoxins (PRX) in endothelial cells: PRX 1 as a mechanosensitive antioxidant. <i>Journal of Biological Chemistry</i> , 2008 , 283, 1622-1627	5.4	71

86	Anti-inflammatory and antiatherogenic role of BMP receptor II in endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1350-9	9.4	68
85	HuR regulates the expression of stress-sensitive genes and mediates inflammatory response in human umbilical vein endothelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 6858-63	11.5	67
84	Target accessibility and signal specificity in live-cell detection of BMP-4 mRNA using molecular beacons. <i>Nucleic Acids Research</i> , 2008 , 36, e30	20.1	66
83	Laminar shear inhibits tubule formation and migration of endothelial cells by an angiotensin-2 dependent mechanism. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 2150-6	9.4	65
82	Role of flow-sensitive microRNAs and long noncoding RNAs in vascular dysfunction and atherosclerosis. <i>Vascular Pharmacology</i> , 2019 , 114, 76-92	5.9	63
81	Circulating miRNA as novel markers for diastolic dysfunction. <i>Molecular and Cellular Biochemistry</i> , 2013 , 376, 33-40	4.2	62
80	Piperlongumine inhibits atherosclerotic plaque formation and vascular smooth muscle cell proliferation by suppressing PDGF receptor signaling. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 427, 349-54	3.4	61
79	Laminar shear stress inhibits cathepsin L activity in endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 1784-90	9.4	61
78	Mechanosensitive PPAP2B Regulates Endothelial Responses to Atherorelevant Hemodynamic Forces. <i>Circulation Research</i> , 2015 , 117, e41-e53	15.7	58
77	Thymosin beta 4 prevents oxidative stress by targeting antioxidant and anti-apoptotic genes in cardiac fibroblasts. <i>PLoS ONE</i> , 2011 , 6, e26912	3.7	57
76	Multigenerational Undernutrition Increases Susceptibility to Obesity and Diabetes that Is Not Reversed after Dietary Recuperation. <i>Cell Metabolism</i> , 2015 , 22, 312-9	24.6	53
75	Animal, in vitro, and ex vivo models of flow-dependent atherosclerosis: role of oxidative stress. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 1433-48	8.4	53
74	Design of an ex vivo culture system to investigate the effects of shear stress on cardiovascular tissue. <i>Journal of Biomechanical Engineering</i> , 2008 , 130, 035001	2.1	52
73	The role of epigenetics in the endothelial cell shear stress response and atherosclerosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2015 , 67, 167-76	5.6	45
72	GTP cyclohydrolase I phosphorylation and interaction with GTP cyclohydrolase feedback regulatory protein provide novel regulation of endothelial tetrahydrobiopterin and nitric oxide. <i>Circulation Research</i> , 2010 , 106, 328-36	15.7	45
71	Downregulation of bone morphogenetic protein 4 expression in coronary arterial endothelial cells: role of shear stress and the cAMP/protein kinase A pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 776-82	9.4	45
70	Role of Noncoding RNAs in the Pathogenesis of Abdominal Aortic Aneurysm. <i>Circulation Research</i> , 2019 , 124, 619-630	15.7	44
69	The effects of combined cyclic stretch and pressure on the aortic valve interstitial cell phenotype. <i>Annals of Biomedical Engineering</i> , 2011 , 39, 1654-67	4.7	42

68	A model of disturbed flow-induced atherosclerosis in mouse carotid artery by partial ligation and a simple method of RNA isolation from carotid endothelium. <i>Journal of Visualized Experiments</i> , 2010 ,	1.6	42
67	Vascular Semaphorin 7A Upregulation by Disturbed Flow Promotes Atherosclerosis Through Endothelial $\alpha 1$ Integrin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 335-343	9.4	41
66	Tetrahydrobiopterin deficiency and nitric oxide synthase uncoupling contribute to atherosclerosis induced by disturbed flow. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1547-54	9.4	41
65	Accelerated atherosclerosis development in C57Bl6 mice by overexpressing AAV-mediated PCSK9 and partial carotid ligation. <i>Laboratory Investigation</i> , 2017 , 97, 935-945	5.9	39
64	Flow-dependent expression of ectonucleotide tri(di)phosphohydrolase-1 and suppression of atherosclerosis. <i>Journal of Clinical Investigation</i> , 2015 , 125, 3027-36	15.9	38
63	Endothelial Reprogramming by Disturbed Flow Revealed by Single-Cell RNA and Chromatin Accessibility Study. <i>Cell Reports</i> , 2020 , 33, 108491	10.6	37
62	Cadmium induced mitochondrial injury and apoptosis in vero cells: protective effect of diallyl tetrasulfide from garlic. <i>International Journal of Biochemistry and Cell Biology</i> , 2007 , 39, 161-70	5.6	37
61	Cardiac-specific genetic inhibition of nuclear factor- κ B prevents right ventricular hypertrophy induced by monocrotaline. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 302, H1655-66	5.2	36
60	Disturbed flow induces systemic changes in metabolites in mouse plasma: a metabolomics study using ApoE ^{-/-} mice with partial carotid ligation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 308, R62-72	3.2	35
59	The role of endothelial mechanosensitive genes in atherosclerosis and omics approaches. <i>Archives of Biochemistry and Biophysics</i> , 2016 , 591, 111-31	4.1	34
58	Disturbed Flow Increases UBE2C (Ubiquitin E2 Ligase C) via Loss of miR-483-3p, Inducing Aortic Valve Calcification by the pVHL (von Hippel-Lindau Protein) and HIF-1 α (Hypoxia-Inducible Factor-1 α) Pathway in Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 467-481	9.4	32
57	Dynamic immune cell accumulation during flow-induced atherogenesis in mouse carotid artery: an expanded flow cytometry method. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 623-32	9.4	31
56	Inhibition of nuclear factor κ B regresses cardiac hypertrophy by modulating the expression of extracellular matrix and adhesion molecules. <i>Free Radical Biology and Medicine</i> , 2011 , 50, 206-15	7.8	31
55	Thymosin beta 4 protects cardiomyocytes from oxidative stress by targeting anti-oxidative enzymes and anti-apoptotic genes. <i>PLoS ONE</i> , 2012 , 7, e42586	3.7	31
54	Identification of side- and shear-dependent microRNAs regulating porcine aortic valve pathogenesis. <i>Scientific Reports</i> , 2016 , 6, 25397	4.9	31
53	The novel coronary artery disease risk gene JCAD/KIAA1462 promotes endothelial dysfunction and atherosclerosis. <i>European Heart Journal</i> , 2019 , 40, 2398-2408	9.5	30
52	Affinity-Driven Design of Cargo-Switching Nanoparticles to Leverage a Cholesterol-Rich Microenvironment for Atherosclerosis Therapy. <i>ACS Nano</i> , 2020 , 14, 6519-6531	16.7	30
51	Shear-Sensitive Genes in Aortic Valve Endothelium. <i>Antioxidants and Redox Signaling</i> , 2016 , 25, 401-14	8.4	30

50	AIBP Limits Angiogenesis Through ESecretase-Mediated Upregulation of Notch Signaling. <i>Circulation Research</i> , 2017 , 120, 1727-1739	15.7	29
49	3D Imaging and Quantitative Analysis of Vascular Networks: A Comparison of Ultramicroscopy and Micro-Computed Tomography. <i>Theranostics</i> , 2018 , 8, 2117-2133	12.1	29
48	Disturbed Flow Promotes Arterial Stiffening Through Thrombospondin-1. <i>Circulation</i> , 2017 , 136, 1217-1227	13.7	29
47	Azelnidipine prevents cardiac dysfunction in streptozotocin-diabetic rats by reducing intracellular calcium accumulation, oxidative stress and apoptosis. <i>Cardiovascular Diabetology</i> , 2011 , 10, 97	8.7	29
46	Oxidized phospholipids regulate amino acid metabolism through MTHFD2 to facilitate nucleotide release in endothelial cells. <i>Nature Communications</i> , 2018 , 9, 2292	17.4	26
45	Development of immortalized mouse aortic endothelial cell lines. <i>Vascular Cell</i> , 2014 , 6, 7	1	26
44	Cardiotoxicity of calmidazolium chloride is attributed to calcium aggravation, oxidative and nitrosative stress, and apoptosis. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 699-709	7.8	25
43	Optimization of isolation and functional characterization of primary murine aortic endothelial cells. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2003 , 10, 103-9		25
42	Thymosin α 4 and cardiac protection: implication in inflammation and fibrosis. <i>Annals of the New York Academy of Sciences</i> , 2012 , 1269, 84-91	6.5	24
41	Azelnidipine protects myocardium in hyperglycemia-induced cardiac damage. <i>Cardiovascular Diabetology</i> , 2010 , 9, 82	8.7	24
40	Recent advances in nanomaterials for therapy and diagnosis for atherosclerosis. <i>Advanced Drug Delivery Reviews</i> , 2021 , 170, 142-199	18.5	24
39	Mechanosensitive microRNA-181b Regulates Aortic Valve Endothelial Matrix Degradation by Targeting TIMP3. <i>Cardiovascular Engineering and Technology</i> , 2018 , 9, 141-150	2.2	22
38	Laminar shear stress upregulates endothelial Ca^{2+} -activated K^{+} channels $KCa_{2.3}$ and $KCa_{3.1}$ via a Ca^{2+} /calmodulin-dependent protein kinase kinase/Akt/p300 cascade. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 305, H484-93	5.2	22
37	Disturbed flow enhances inflammatory signaling and atherogenesis by increasing thioredoxin-1 level in endothelial cell nuclei. <i>PLoS ONE</i> , 2014 , 9, e108346	3.7	21
36	Flow-dependent regulation of genome-wide mRNA and microRNA expression in endothelial cells in vivo. <i>Scientific Data</i> , 2014 , 1, 140039	8.2	19
35	The histone demethylase JMJD2B regulates endothelial-to-mesenchymal transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 4180-4187	11.5	19
34	ZBTB46 is a shear-sensitive transcription factor inhibiting endothelial cell proliferation via gene expression regulation of cell cycle proteins. <i>Laboratory Investigation</i> , 2019 , 99, 305-318	5.9	17
33	Location, location, location: Beneficial effects of autologous fat transplantation. <i>Scientific Reports</i> , 2011 , 1, 81	4.9	17

32	Discovery of novel peptides targeting pro-atherogenic endothelium in disturbed flow regions -Targeted siRNA delivery to pro-atherogenic endothelium in vivo. <i>Scientific Reports</i> , 2016 , 6, 25636	4.9	14
31	Targeted Delivery of Anti-miR-712 by VCAM1-Binding Au Nanospheres for Atherosclerosis Therapy. <i>ChemNanoMat</i> , 2016 , 2, 400-406	3.5	12
30	Omics-based approaches to understand mechanosensitive endothelial biology and atherosclerosis. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2016 , 8, 378-401	6.6	12
29	Micro-CT Technique Is Well Suited for Documentation of Remodeling Processes in Murine Carotid Arteries. <i>PLoS ONE</i> , 2015 , 10, e0130374	3.7	11
28	miR-214 is Stretch-Sensitive in Aortic Valve and Inhibits Aortic Valve Calcification. <i>Annals of Biomedical Engineering</i> , 2019 , 47, 1106-1115	4.7	10
27	Cassia auriculata: Aspects of Safety Pharmacology and Drug Interaction. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011 , 2011, 915240	2.3	9
26	The flagellin-TLR5-Nox4 axis promotes the migration of smooth muscle cells in atherosclerosis. <i>Experimental and Molecular Medicine</i> , 2019 , 51, 1-13	12.8	8
25	Delivery of Anti-microRNA-712 to Inflamed Endothelial Cells Using Poly(L-amino ester) Nanoparticles Conjugated with VCAM-1 Targeting Peptide. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2001894	10.1	8
24	High glucose and palmitate increases bone morphogenic protein 4 expression in human endothelial cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2016 , 20, 169-75	1.8	7
23	Mechanical forces regulate endothelial-to-mesenchymal transition and atherosclerosis via an Alk5-Shc mechanotransduction pathway. <i>Science Advances</i> , 2021 , 7,	14.3	7
22	Detection of low levels of nitric oxide using an electrochemical sensor. <i>Methods in Molecular Biology</i> , 2011 , 704, 81-9	1.4	6
21	Delivery of siRNA to Endothelial Cells In Vivo Using Lysine/Histidine Oligopeptide-Modified Poly(L-amino ester) Nanoparticles. <i>Cardiovascular Engineering and Technology</i> , 2021 , 12, 114-125	2.2	5
20	Ventricular reshaping with a beating heart implant improves pump function in experimental heart failure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020 ,	1.5	4
19	Conditional Deoxyribozyme-Nanoparticle Conjugates for miRNA-Triggered Gene Regulation. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 37851-37861	9.5	4
18	Functional screening of mammalian mechanosensitive genes using Drosophila RNAi library-Smarcd3/Bap60 is a mechanosensitive pro-inflammatory gene. <i>Scientific Reports</i> , 2016 , 6, 36461	4.9	3
17	Recent Progress in Models for Atherosclerosis Studies.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 790529	5.4	3
16	Combined LXR and RXR Agonist Therapy Increases ABCA1 Protein Expression and Enhances ApoAI-Mediated Cholesterol Efflux in Cultured Endothelial Cells. <i>Metabolites</i> , 2021 , 11,	5.6	3
15	Hypoxia inducible factor 1 inhibitor PX-478 reduces atherosclerosis in mice.. <i>Atherosclerosis</i> , 2022 , 344, 20-30	3.1	2

14	Hemodynamics and Mechanobiology of Aortic Valve Calcification. <i>Biosystems and Biorobotics</i> , 2016 , 237-261	2
13	Endothelial Poldip2 regulates sepsis-induced lung injury via Rho pathway activation. <i>Cardiovascular Research</i> , 2021 ,	9.9 2
12	Characterization of Poldip2 knockout mice: Avoiding incorrect gene targeting.. <i>PLoS ONE</i> , 2021 , 16, e0247261	9.7 2
11	SWI/SNF (BAF) complexes: From framework to a functional role in endothelial mechanotransduction. <i>Current Topics in Membranes</i> , 2021 , 87, 171-198	2.2 1
10	Endothelial reprogramming by disturbed flow revealed by single-cell RNA and chromatin accessibility study	1
9	Biomechanical regulation of endothelial function in atherosclerosis 2021 , 3-47	1
8	Role of circulating miRNAs in the pathophysiology of CVD: As a potential biomarker. <i>Gene Reports</i> , 2018 , 13, 146-150	1.4 1
7	Stable Flow-induced Expression of KLK10 Inhibits Endothelial Inflammation and Atherosclerosis	1
6	Targeting mechanosensitive endothelial TXNDC5 to stabilize eNOS and reduce atherosclerosis in vivo.. <i>Science Advances</i> , 2022 , 8, eabl8096	14.3 0
5	Atorvastatin and blood flow regulate expression of distinctive sets of genes in mouse carotid artery endothelium. <i>Current Topics in Membranes</i> , 2021 , 87, 97-130	2.2 0
4	Very late vasomotor responses and gene expression with bioresorbable scaffolds and metallic drug-eluting stents. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 98, 723-732	2.7 0
3	Role of Biomechanical Stress and Mechanosensitive miRNAs in Calcific Aortic Valve Disease. <i>Contemporary Cardiology</i> , 2020 , 117-135	0.1
2	Disturbed Blood Flow induces Arterial Stiffening Through Thrombospondin-1. <i>FASEB Journal</i> , 2018 , 32, 143.1	0.9
1	Yield and economic performance of crop rotation systems in South Dakota 2021 , 4, e20196	