Shu Chien

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7339759/publications.pdf

Version: 2024-02-01

138 papers	12,434 citations	50170 46 h-index	28224 105 g-index
142 all docs	142 docs citations	142 times ranked	17346 citing authors

#	Article	IF	Citations
1	Effects of Disturbed Flow on Vascular Endothelium: Pathophysiological Basis and Clinical Perspectives. Physiological Reviews, 2011, 91, 327-387.	13.1	1,661
2	Nanoparticle biointerfacing by platelet membrane cloaking. Nature, 2015, 526, 118-121.	13.7	1,270
3	Regulation of cardiac gene expression during myocardial growth and hypertrophy: molecular studies of an adaptive physiologic response. FASEB Journal, 1991, 5, 3037-3064.	0.2	743
4	Deterministically patterned biomimetic human iPSC-derived hepatic model via rapid 3D bioprinting. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2206-2211.	3.3	676
5	Piezo1, a mechanically activated ion channel, is required for vascular development in mice. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10347-10352.	3.3	651
6	Piezo1 links mechanical forces to red blood cell volume. ELife, 2015, 4, .	2.8	437
7	Shear Stressâ€“Initiated Signaling and Its Regulation of Endothelial Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2191-2198.	1.1	389
8	Flow-dependent YAP/TAZ activities regulate endothelial phenotypes and atherosclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11525-11530.	3.3	323
9	Endothelial cellular response to altered shear stress. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 281, L529-L533.	1.3	314
10	MicroRNA-21 targets peroxisome proliferators-activated receptor-Î± in an autoregulatory loop to modulate flow-induced endothelial inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10355-10360.	3.3	303
11	Effects of Disturbed Flow on Endothelial Cells. Annals of Biomedical Engineering, 2008, 36, 554-562.	1.3	282
12	RAP2 mediates mechanoresponses of the Hippo pathway. Nature, 2018, 560, 655-660.	13.7	266
13	Regulation of Vascular Smooth Muscle Cell Turnover by Endothelial Cellâ€“Secreted MicroRNA-126. Circulation Research, 2013, 113, 40-51.	2.0	223
14	Nanoparticle Functionalization with Platelet Membrane Enables Multifactored Biological Targeting and Detection of Atherosclerosis. ACS Nano, 2018, 12, 109-116.	7.3	222
15	GPR68 Senses Flow and Is Essential for Vascular Physiology. Cell, 2018, 173, 762-775.e16.	13.5	205
16	Mechanogenetics for the remote and noninvasive control of cancer immunotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 992-997.	3.3	181
17	AMPK promotes mitochondrial biogenesis and function by phosphorylating the epigenetic factors DNMT1, RBBP7, and HAT1. Science Signaling, 2017, 10, .	1.6	170
18	Extracellular matrix stiffness dictates Wnt expression through integrin pathway. Scientific Reports, 2016, 6, 20395.	1.6	155

#	Article	IF	Citations
19	FAK and paxillin dynamics at focal adhesions in the protrusions of migrating cells. Scientific Reports, 2014, 4, 6024.	1.6	152
20	Role of histone deacetylases in transcription factor regulation and cell cycle modulation in endothelial cells in response to disturbed flow. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1967-1972.	3.3	130
21	Enhancer-associated long non-coding RNA LEENE regulates endothelial nitric oxide synthase and endothelial function. Nature Communications, 2018, 9, 292.	5.8	129
22	Molecular and mechanical bases of focal lipid accumulation in arterial wall. Progress in Biophysics and Molecular Biology, 2003, 83, 131-151.	1.4	127
23	Oxidative Stress Activates Endothelial Innate Immunity via Sterol Regulatory Element Binding Protein 2 (SREBP2) Transactivation of MicroRNA-92a. Circulation, 2015, 131, 805-814.	1.6	127
24	Flow Activation of AMP-Activated Protein Kinase in Vascular Endothelium Leads to Kruì^ppel-Like Factor 2 Expression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1902-1908.	1.1	112
25	Roles of cell confluency and fluid shear in 3-dimensional intracellular forces in endothelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11110-11115.	3.3	109
26	Endothelial Trauma From Mechanical Thrombectomy in Acute Stroke. Stroke, 2015, 46, 1099-1106.	1.0	108
27	Continuous monitoring of deep-tissue haemodynamics with stretchable ultrasonic phased arrays. Nature Biomedical Engineering, 2021, 5, 749-758.	11.6	100
28	Engineering light-controllable CAR T cells for cancer immunotherapy. Science Advances, 2020, 6, eaay9209.	4.7	97
29	Force-specific activation of Smad1/5 regulates vascular endothelial cell cycle progression in response to disturbed flow. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7770-7775.	3.3	95
30	Systems biology analysis of longitudinal functional response of endothelial cells to shear stress. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10990-10995.	3.3	95
31	Measurement of Orientation and Distribution of Cellular Alignment and Cytoskeletal Organization. Annals of Biomedical Engineering, 1999, 27, 712-720.	1.3	93
32	Regulation of Endothelial Cell Cycle by Laminar Versus Oscillatory Flow. Circulation Research, 2007, 100, 564-571.	2.0	91
33	Mechanosensitive TRPM7 mediates shear stress and modulates osteogenic differentiation of mesenchymal stromal cells through Osterix pathway. Scientific Reports, 2015, 5, 16522.	1.6	85
34	Activation of integrin Î±5 mediated by flow requires its translocation to membrane lipid rafts in vascular endothelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 769-774.	3.3	85
35	Oscillatory Flow-induced Proliferation of Osteoblast-like Cells Is Mediated by Î±vÎ²3 and Î²1 Integrins through Synergistic Interactions of Focal Adhesion Kinase and Shc with Phosphatidylinositol 3-Kinase and the Akt/mTOR/p70S6K Pathway. Journal of Biological Chemistry, 2010, 285, 30-42.	1.6	82
36	Control of the activity of CAR-T cells within tumours via focused ultrasound. Nature Biomedical Engineering, 2021, 5, 1336-1347.	11.6	82

#	Article	IF	Citations
37	Defined MicroRNAs Induce Aspects of Maturation in Mouse and Human Embryonic-Stem-Cell-Derived Cardiomyocytes. Cell Reports, 2015, 12, 1960-1967.	2.9	77
38	Thy-1 dependent uptake of mesenchymal stem cell-derived extracellular vesicles blocks myofibroblastic differentiation. Scientific Reports, 2017, 7, 18052.	1.6	77
39	Epigenetic Mechanism in Regulation of Endothelial Function by Disturbed Flow: Induction of DNA Hypermethylation by DNMT1. Cellular and Molecular Bioengineering, 2014, 7, 218-224.	1.0	73
40	Nuclear envelope proteins modulate proliferation of vascular smooth muscle cells during cyclic stretch application. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5293-5298.	3.3	68
41	METTL3-dependent N ⁶ -methyladenosine RNA modification mediates the atherogenic inflammatory cascades in vascular endothelium. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	68
42	Mechanisms of induction of endothelial cell E-selectin expression by smooth muscle cells and its inhibition by shear stress. Blood, 2007, 110, 519-528.	0.6	67
43	Extracellular MicroRNA-92a Mediates Endothelial Cellâ€“Macrophage Communication. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 2492-2504.	1.1	65
44	MicroRNA Mediation of Endothelial Inflammatory Response to Smooth Muscle Cells and Its Inhibition by Atheroprotective Shear Stress. Circulation Research, 2015, 116, 1157-1169.	2.0	57
45	LINC00341 exerts an anti-inflammatory effect on endothelial cells by repressing VCAM1. Physiological Genomics, 2017, 49, 339-345.	1.0	53
46	Genome-wide colocalization of RNAâ€“DNA interactions and fusion RNA pairs. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3328-3337.	3.3	52
47	MicroRNA-10a is crucial for endothelial response to different flow patterns via interaction of retinoid acid receptors and histone deacetylases. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2072-2077.	3.3	51
48	Coordinated histone modifications and chromatin reorganization in a single cell revealed by FRET biosensors. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11681-E11690.	3.3	48
49	Shear stress activation of nuclear receptor PXR in endothelial detoxification. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13174-13179.	3.3	47
50	Extracellular RNA in a single droplet of human serum reflects physiologic and disease states. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19200-19208.	3.3	46
51	The CCL5/CCR5 Axis Promotes Vascular Smooth Muscle Cell Proliferation and Atherogenic Phenotype Switching. Cellular Physiology and Biochemistry, 2018, 47, 707-720.	1.1	45
52	Atheroprotective Flow Upregulates ITPR3 (Inositol 1,4,5-Trisphosphate Receptor 3) in Vascular Endothelium via KLF4 (KrÃ¼ppel-Like Factor 4)-Mediated Histone Modifications. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 902-914.	1.1	45
53	Control of matrix stiffness promotes endodermal lineage specification by regulating SMAD2/3 via lncRNA LINC00458. Science Advances, 2020, 6, eaay0264.	4.7	45
54	Endotheliumâ€Dependent, Shearâ€Induced Vasodilation Is Rateâ€Sensitive. Microcirculation, 2000, 7, 53-65.	1.0	44

#	Article	IF	Citations
55	TIFA as a crucial mediator for NLRP3 inflammasome. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 15078-15083.	3.3	43
56	Longitudinal shear stress response in human endothelial cells to atheroprone and atheroprotective conditions. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	43
57	Effect of seeding duration on the strength of chondrocyte adhesion to articular cartilage. Journal of Orthopaedic Research, 1999, 17, 121-129.	1.2	42
58	Three-dimensional forces exerted by leukocytes and vascular endothelial cells dynamically facilitate diapedesis. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 133-138.	3.3	42
59	VAMP3 and SNAP23 mediate the disturbed flow-induced endothelial microRNA secretion and smooth muscle hyperplasia. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8271-8276.	3.3	40
60	Mapping RNAâ€“chromatin interactions by sequencing with iMARGI. Nature Protocols, 2019, 14, 3243-3272.	5.5	36
61	Four-and-a-Half LIM Domains Protein 2 Is a Coactivator of Wnt Signaling in Diabetic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2015, 26, 3072-3084.	3.0	34
62	MicroRNA-23b Regulates Cyclin-Dependent Kinaseâ€“Activating Kinase Complex Through Cyclin H Repression to Modulate Endothelial Transcription and Growth Under Flow. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1437-1445.	1.1	33
63	Engineered proteins with sensing and activating modules for automated reprogramming of cellular functions. Nature Communications, 2017, 8, 477.	5.8	33
64	MiR-145 mediates cell morphology-regulated mesenchymal stem cell differentiation to smooth muscle cells. Biomaterials, 2019, 204, 59-69.	5.7	32
65	Relative impact of uniaxial alignment vs. form-induced stress on differentiation of human adipose derived stem cells. Biomaterials, 2013, 34, 9812-9818.	5.7	31
66	Suspension state promotes metastasis of breast cancer cells by up-regulating cyclooxygenase-2. Theranostics, 2018, 8, 3722-3736.	4.6	31
67	The effects of actin cytoskeleton perturbation on keratin intermediate filament formation in mesenchymal stem/stromal cells. Biomaterials, 2014, 35, 3934-3944.	5.7	29
68	Elongated neutrophil-derived structures are blood-borne microparticles formed by rolling neutrophils during sepsis. Journal of Experimental Medicine, 2021, 218, .	4.2	29
69	Molecular basis of rheological modulation of endothelial functions: importance of stress direction. Biorheology, 2006, 43, 95-116.	1.2	29
70	Molecular basis of red cell membrane rheology. Biorheology, 1990, 27, 327-344.	1.2	28
71	Role of Leukocyte-Endothelium Adhesion in Affecting Recovery from Ischemic Episodes. Annals of the New York Academy of Sciences, 1989, 565, 308-315.	1.8	27
72	Lis1 dysfunction leads to traction force reduction and cytoskeletal disorganization during cell migration. Biochemical and Biophysical Research Communications, 2018, 497, 869-875.	1.0	27

#	Article	IF	Citations
73	Roles of KLF4 and AMPK in the inhibition of glycolysis by pulsatile shear stress in endothelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	27
74	Shear stress regulation of miR-93 and miR-484 maturation through nucleolin. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12974-12979.	3.3	26
75	KDM4B is a coactivator of c-Jun and involved in gastric carcinogenesis. Cell Death and Disease, 2019, 10, 68.	2.7	24
76	Identification of AMP-activated protein kinase targets by a consensus sequence search of the proteome. BMC Systems Biology, 2015, 9, 13.	3.0	23
77	The Mammalian Target of Rapamycin and DNA methyltransferase 1 axis mediates vascular endothelial dysfunction in response to disturbed flow. Scientific Reports, 2017, 7, 14996.	1.6	23
78	In-situ coupling between kinase activities and protein dynamics within single focal adhesions. Scientific Reports, 2016, 6, 29377.	1.6	22
79	The dynamics of shear disaggregation of red blood cells in a flow channel. Biorheology, 1990, 27, 135-147.	1.2	20
80	Inhibition of Serine Protease Activity Protects Against High Fat Diet-Induced Inflammation and Insulin Resistance. Scientific Reports, 2020, 10, 1725.	1.6	20
81	Engineering as a new frontier for translational medicine. Science Translational Medicine, 2015, 7, 281fs13.	5.8	19
82	Cation Type Specific Cell Remodeling Regulates Attachment Strength. PLoS ONE, 2014, 9, e102424.	1.1	17
83	Elucidating the Biomechanics of Leukocyte Transendothelial Migration by Quantitative Imaging. Frontiers in Cell and Developmental Biology, 2021, 9, 635263.	1.8	17
84	Anti-cancer effects of nitrogen-containing bisphosphonates on human cancer cells. Oncotarget, 2016, 7, 57932-57942.	0.8	17
85	Decipher the dynamic coordination between enzymatic activity and structural modulation at focal adhesions in living cells. Scientific Reports, 2014, 4, 5756.	1.6	14
86	Regulation of actin catch-slip bonds with a RhoA-formin module. Scientific Reports, 2016, 6, 35058.	1.6	14
87	The Anastomotic Angle of Hemodialysis Arteriovenous Fistula Is Associated With Flow Disturbance at the Venous Stenosis Location on Angiography. Frontiers in Bioengineering and Biotechnology, 2020, 8, 846.	2.0	14
88	Vitexin inhibits APEX1 to counteract the flow-induced endothelial inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	14
89	Role of Excessive Autophagy Induced by Mechanical Overload in Vein Graft Neointima Formation: Prediction and Prevention. Scientific Reports, 2016, 6, 22147.	1.6	12
90	Dexamethasone-induced cellular tension requires SGK1-stimulated Sec5/GEF-H1 interaction. Journal of Cell Science, 2015, 128, 3757-68.	1.2	11

#	Article	IF	Citations
91	RAMP2-AS1 Regulates Endothelial Homeostasis and Aging. Frontiers in Cell and Developmental Biology, 2021, 9, 635307.	1.8	10
92	The interplay between matrix deformation and the coordination of turning events governs directed neutrophil migration in 3D matrices. Science Advances, 2021, 7, .	4.7	10
93	Integration of FRET and sequencing to engineer kinase biosensors from mammalian cell libraries. Nature Communications, 2021, 12, 5031.	5.8	10
94	Endothelial Yin Yang 1 Phosphorylation at S118 Induces Atherosclerosis Under Flow. Circulation Research, 2021, 129, 1158-1174.	2.0	10
95	Mechanosensor Piezo1 mediates bimodal patterns of intracellular calcium and <scp>FAK</scp> signaling. EMBO Journal, 2022, 41, .	3.5	10
96	The National Institute of Biomedical Imaging and Bioengineering. Annual Review of Biomedical Engineering, 2004, 6, 1-26.	5.7	7
97	Mechanoresponsive Smad5 Enhances MiR-487a Processing to Promote Vascular Endothelial Proliferation in Response to Disturbed Flow. Frontiers in Cell and Developmental Biology, 2021, 9, 647714.	1.8	5
98	Maintenance of HDACs and H3K9me3 Prevents Arterial Flow-Induced Venous Endothelial Damage. Frontiers in Cell and Developmental Biology, 2021, 9, 642150.	1.8	5
99	Effects of myakuryu on hemorheological characteristics and mesenteric microcirculation of rats fed with a high-fat diet. Biorheology, 2008, 45, 587-598.	1.2	4
100	Newest Member of the NIH Family. Science, 2001, 291, 1701c-1702.	6.0	3
101	Monocytes engineered with <scp>iSNAP</scp> inhibit human <scp>Bâ€lymphoma</scp> progression. Bioengineering and Translational Medicine, 2022, 7, .	3.9	3
102	Biomechanical interactions of Schistosoma mansoni eggs with vascular endothelial cells facilitate egg extravasation. PLoS Pathogens, 2022, 18, e1010309.	2.1	3
103	Dr. Y. C. Fung's Contributions to Biomechanics, Bioengineering, and Humanity: Warmest Celebration for a Magnificent Centenarian. Journal of Biomechanical Engineering, 2019, 141, .	0.6	2
104	Reply to Verwilt et al.: Experimental evidence against DNA contamination in SILVER-seq. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18937-18938.	3.3	2
105	Epigenetic profiling with ultralow DNA amounts. Nature Biomedical Engineering, 2018, 2, 146-147.	11.6	1
106	Mechanical Activation of Smad, A Novel Regulator for Endothelial Cell Proliferation Induced by Disturbed Flow. FASEB Journal, 2010, 24, 598.12.	0.2	1
107	Richard Skalak: Some Personal Reflections. Biorheology, 1997, 34, ix-x.	1.2	0
108	Shear stress increases endothelial cell-membrane fluidity. , 0, , .		0

#	Article	IF	Citations
109	A Tribute to Professor Van C. Mow: A Wonderful Scholar and Leader in Bioengineering. Cellular and Molecular Bioengineering, 2009, 2, 282-284.	1.0	0
110	A Brief History of the Bioengineering Institute of California and the UC System-wide Symposia. Annals of Biomedical Engineering, 2011, 39, 1156-1162.	1.3	0
111	UCSDâ€™s Institute of Engineering in Medicine: Fostering Collaboration Through Research and Education. IEEE Pulse, 2012, 3, 35-41.	0.1	0
112	Laudatio for Harry Goldsmith. Biorheology, 2016, 52, 295-299.	1.2	0
113	Mechanical Activation of mTOR Signaling Requires a Phospholipase Dâ€Mediated Increase in Phosphatidic Acid. FASEB Journal, 2006, 20, A818.	0.2	0
114	Roles of cytoskeleton in the localization and tyrosine phosphorylation of paxillin in endothelial cells. FASEB Journal, 2006, 20, A1167.	0.2	0
115	Dynamic motion of paxillin on actin filaments in living endothelial responses to shear stress. FASEB Journal, 2008, 22, 964.28.	0.2	0
116	The Mechanism of Phenotypic Modulation of Vascular Smooth Muscle Cells: Role of extracellular matrix and PDGFâ€BB/ILâ€1b. FASEB Journal, 2008, 22, 965.4.	0.2	0
117	Shear Stress Induces Syntheticâ€toâ€contractile Phenotypic Change of Smooth Muscle Cells via Paracrine Effect of Prostacyclin from Endothelial Cells and the PPARâ€±/Î´ Pathways. FASEB Journal, 2008, 22, 1208.7.	0.2	0
118	Roles of focal adhesion kinase and paxillin in focal adhesion dynamics of living endothelial cells. FASEB Journal, 2009, 23, 965.5.	0.2	0
119	Global analysis of miRNA expression in endothelial cells under different flow patterns. FASEB Journal, 2009, 23, 776.2.	0.2	0
120	Y. C FUNG AND BIOMECHANICS: FROM ORGANS-SYSTEMS TO MOLECULES-GENES. , 2009, , 257-277.		0
121	Focal Adhesion Kinase Dynamics under Shear Stress in Live Endothelial Cells Studied with a FRET Biosensor. FASEB Journal, 2010, 24, 784.1.	0.2	0
122	Visualization of virtual screening results on tiled display walls (TDW). FASEB Journal, 2010, 24, 1060.2.	0.2	0
123	Deep Sequencing and Bioinformatics Analysis of Endothelial MicroRNA under Hypoxia Stress. FASEB Journal, 2010, 24, 784.10.	0.2	0
124	High-Throughput Systems for Stem Cell Engineering. , 2011, , 347-374.		0
125	Biomineralized matrices promote osteogenic differentiation of human mesenchymal stem cells: A mechanistic study. FASEB Journal, 2012, 26, lb65.	0.2	0
126	Role of histone deacetylases in regulation of NFâ€E2â€related factor 2, kruppelâ€like factor 2, and cell cycle in vascular endothelial cells in response to disturbed flow. FASEB Journal, 2012, 26, 1129.1.	0.2	0

#	Article	IF	Citations
127	Mechanisms of the Antiâ€inflammatory Action of Pulsatile Laminar Flow: Role of AMPK in Chromatin Remodeling. FASEB Journal, 2012, 26, 905.18.	0.2	0
128	Flowâ€regulation of Vascular Smooth Muscle Cell Proliferation: Roles of Endothelial Cellâ€secreted MicroRNAâ€126. FASEB Journal, 2012, 26, 870.37.	0.2	0
129	Human Mesenchymal Stem Cell Modulates the Stretchâ€induced Inflammatory Response in Bronchial Epithelial Cells. FASEB Journal, 2012, 26, 658.2.	0.2	0
130	Dynamics of focal adhesion kinase and paxillin in lamellipodial protrusion of migrating endothelial cells. FASEB Journal, 2012, 26, 1129.13.	0.2	0
131	Focal adhesion kinase leads paxillin in focal adhesion assembly at lamellipodial protrusion of migrating endothelial cells. FASEB Journal, 2013, 27, 707.3.	0.2	0
132	Focal adhesion kinase leads paxillin in the assembly of nascent focal adhesions in lamellipodial protrusions of migrating endothelial cells. FASEB Journal, 2015, 29, 797.5.	0.2	0
133	1. A light inducible gene activation system toward controllable cellâ€based therapeutics. FASEB Journal, 2018, 32, 804.62.	0.2	0
134	â€œRole of RNA N6â€methyladenosine methylation in endothelial response to flowâ€. FASEB Journal, 2018, 32, 787.3.	0.2	0
135	Roles of Cellâ€Cell Junction and Substrate Stiffness in Determining 3D Forces of Endothelial Cells. FASEB Journal, 2018, 32, 846.4.	0.2	0
136	Reversal of phenotypic abnormalities by CRISPR/Cas9â€mediated gene correction in iPSCs derived from Fabry IVS4+919 mutation patients. FASEB Journal, 2018, 32, 649.9.	0.2	0
137	MicroRNAâ€146a Deficiency Promotes Atherosclerosis by Dysregulating Cholesterol Homeostasis in Macrophages. FASEB Journal, 2018, 32, 752.6.	0.2	0
138	Abstract 21097: Three-Dimensional Traction Stresses Facilitate Leukocyte Diapedesis. Circulation, 2017, 136, .	1.6	0