

# Andriy Yabluchanskiy

## List of Publications by Year in descending order

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Version: 2024-02-01

118  
papers

5,076  
citations

70961

41  
h-index

102304

66  
g-index

119  
all docs

119  
docs citations

119  
times ranked

6230  
citing authors

#	ARTICLE	IF	CITATIONS
1	Matrix Metalloproteinase-9: Many Shades of Function in Cardiovascular Disease. <i>Physiology</i> , 2013, 28, 391-403.	1.6	385
2	IL-10 improves cardiac remodeling after myocardial infarction by stimulating M2 macrophage polarization and fibroblast activation. <i>Basic Research in Cardiology</i> , 2017, 112, 33.	2.5	278
3	Temporal neutrophil polarization following myocardial infarction. <i>Cardiovascular Research</i> , 2016, 110, 51-61.	1.8	253
4	Nicotinamide mononucleotide (NMN) supplementation rescues cerebrovascular endothelial function and neurovascular coupling responses and improves cognitive function in aged mice. <i>Redox Biology</i> , 2019, 24, 101192.	3.9	181
5	Neutrophil roles in left ventricular remodeling following myocardial infarction. <i>Fibrogenesis and Tissue Repair</i> , 2013, 6, 11.	3.4	157
6	A Novel Collagen Matricryptin Reduces Left Ventricular Dilation Post-Myocardial Infarction by Promoting Scar Formation and Angiogenesis. <i>Journal of the American College of Cardiology</i> , 2015, 66, 1364-1374.	1.2	145
7	Treatment with the mitochondrial-targeted antioxidant peptide $\alpha$ 31 rescues neurovascular coupling responses and cerebrovascular endothelial function and improves cognition in aged mice. <i>Aging Cell</i> , 2018, 17, e12731.	3.0	128
8	Nrf2 deficiency in aged mice exacerbates cellular senescence promoting cerebrovascular inflammation. <i>GeroScience</i> , 2018, 40, 513-521.	2.1	114
9	IGF-1 has sexually dimorphic, pleiotropic, and time-dependent effects on healthspan, pathology, and lifespan. <i>GeroScience</i> , 2017, 39, 129-145.	2.1	111
10	Nrf2 Deficiency Exacerbates Obesity-Induced Oxidative Stress, Neurovascular Dysfunction, Blood-Brain Barrier Disruption, Neuroinflammation, Amyloidogenic Gene Expression, and Cognitive Decline in Mice, Mimicking the Aging Phenotype. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 853-863.	1.7	111
11	Single-cell RNA sequencing identifies senescent cerebrovascular endothelial cells in the aged mouse brain. <i>GeroScience</i> , 2020, 42, 429-444.	2.1	102
12	Nicotinamide mononucleotide (NMN) treatment attenuates oxidative stress and rescues angiogenic capacity in aged cerebrovascular endothelial cells: a potential mechanism for the prevention of vascular cognitive impairment. <i>GeroScience</i> , 2019, 41, 619-630.	2.1	97
13	CORM-3, a carbon monoxide-releasing molecule, alters the inflammatory response and reduces brain damage in a rat model of hemorrhagic stroke*. <i>Critical Care Medicine</i> , 2012, 40, 544-552.	0.4	94
14	Nicotinamide mononucleotide (NMN) supplementation promotes neurovascular rejuvenation in aged mice: transcriptional footprint of SIRT1 activation, mitochondrial protection, anti-inflammatory, and anti-apoptotic effects. <i>GeroScience</i> , 2020, 42, 527-546.	2.1	85
15	Treatment with the poly(ADP-ribose) polymerase inhibitor PJ-34 improves cerebrovascular endothelial function, neurovascular coupling responses and cognitive performance in aged mice, supporting the NAD <sup>+</sup> depletion hypothesis of neurovascular aging. <i>GeroScience</i> , 2019, 41, 533-542.	2.1	84
16	Nrf2 dysfunction and impaired cellular resilience to oxidative stressors in the aged vasculature: from increased cellular senescence to the pathogenesis of age-related vascular diseases. <i>GeroScience</i> , 2019, 41, 727-738.	2.1	80
17	Deriving a cardiac ageing signature to reveal MMP-9-dependent inflammatory signalling in senescence. <i>Cardiovascular Research</i> , 2015, 106, 421-431.	1.8	79
18	Cerebrovascular dysfunction predicts cognitive decline and gait abnormalities in a mouse model of whole brain irradiation-induced accelerated brain senescence. <i>GeroScience</i> , 2017, 39, 33-42.	2.1	78

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19	Insulin-like growth factor 1 deficiency exacerbates hypertension-induced cerebral microhemorrhages in mice, mimicking the aging phenotype. <i>Aging Cell</i> , 2017, 16, 469-479.	3.0	78
20	Hypertension impairs neurovascular coupling and promotes microvascular injury: role in exacerbation of Alzheimer's disease. <i>GeroScience</i> , 2017, 39, 359-372.	2.1	78
21	Nicotinamide mononucleotide (NMN) supplementation promotes anti-aging miRNA expression profile in the aorta of aged mice, predicting epigenetic rejuvenation and anti-atherogenic effects. <i>GeroScience</i> , 2019, 41, 419-439.	2.1	75
22	Obesity in Aging Exacerbates Neuroinflammation, Dysregulating Synaptic Function-Related Genes and Altering Eicosanoid Synthesis in the Mouse Hippocampus: Potential Role in Impaired Synaptic Plasticity and Cognitive Decline. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 290-298.	1.7	72
23	Demonstration of impaired neurovascular coupling responses in TG2576 mouse model of Alzheimer's disease using functional laser speckle contrast imaging. <i>GeroScience</i> , 2017, 39, 465-473.	2.1	70
24	Role of endothelial NAD <sup>+</sup> deficiency in age-related vascular dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H1253-H1266.	1.5	68
25	Retinal biomarkers for Alzheimer's disease and vascular cognitive impairment and dementia (VCID): implication for early diagnosis and prognosis. <i>GeroScience</i> , 2020, 42, 1499-1525.	2.1	64
26	Hypertension-induced synapse loss and impairment in synaptic plasticity in the mouse hippocampus mimics the aging phenotype: implications for the pathogenesis of vascular cognitive impairment. <i>GeroScience</i> , 2017, 39, 385-406.	2.1	63
27	Assessment of age-related decline of neurovascular coupling responses by functional near-infrared spectroscopy (fNIRS) in humans. <i>GeroScience</i> , 2019, 41, 495-509.	2.1	63
28	Myocardial Infarction Superimposed on Aging: MMP-9 Deletion Promotes M2 Macrophage Polarization. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 475-483.	1.7	62
29	Age-related decline in peripheral vascular health predicts cognitive impairment. <i>GeroScience</i> , 2019, 41, 125-136.	2.1	62
30	Pharmacological or genetic depletion of senescent astrocytes prevents whole brain irradiation-induced impairment of neurovascular coupling responses protecting cognitive function in mice. <i>GeroScience</i> , 2020, 42, 409-428.	2.1	62
31	Building a better infarct: Modulation of collagen cross-linking to increase infarct stiffness and reduce left ventricular dilation post-myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 85, 229-239.	0.9	59
32	Central IGF-1 protects against features of cognitive and sensorimotor decline with aging in male mice. <i>GeroScience</i> , 2019, 41, 185-208.	2.1	59
33	Role of age-related alterations of the cerebral venous circulation in the pathogenesis of vascular cognitive impairment. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H1124-H1140.	1.5	56
34	Age-related impairment of neurovascular coupling responses: a dynamic vessel analysis (DVA)-based approach to measure decreased flicker light stimulus-induced retinal arteriolar dilation in healthy older adults. <i>GeroScience</i> , 2019, 41, 341-349.	2.1	53
35	Cardiac aging is initiated by matrix metalloproteinase-9-mediated endothelial dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H1398-H1407.	1.5	51
36	Transgenic overexpression of macrophage matrix metalloproteinase-9 exacerbates age-related cardiac hypertrophy, vessel rarefaction, inflammation, and fibrosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H375-H383.	1.5	51

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37	Obesity-induced cognitive impairment in older adults: a microvascular perspective. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H740-H761.	1.5	51
38	Overexpression of catalase targeted to mitochondria improves neurovascular coupling responses in aged mice. <i>GeroScience</i> , 2019, 41, 609-617.	2.1	50
39	Microvascular contributions to age-related macular degeneration (AMD): from mechanisms of choriocapillaris aging to novel interventions. <i>GeroScience</i> , 2019, 41, 813-845.	2.1	49
40	Cerebral venous congestion promotes blood-brain barrier disruption and neuroinflammation, impairing cognitive function in mice. <i>GeroScience</i> , 2019, 41, 575-589.	2.1	47
41	Connective tissue growth factor (CTGF) in age-related vascular pathologies. <i>GeroScience</i> , 2017, 39, 491-498.	2.1	46
42	Fusogenic liposomes effectively deliver resveratrol to the cerebral microcirculation and improve endothelium-dependent neurovascular coupling responses in aged mice. <i>GeroScience</i> , 2019, 41, 711-725.	2.1	45
43	Treatment with the BCL-2/BCL-xL inhibitor senolytic drug ABT263/Navitoclax improves functional hyperemia in aged mice. <i>GeroScience</i> , 2021, 43, 2427-2440.	2.1	40
44	Short-term weight loss reverses obesity-induced microvascular endothelial dysfunction. <i>GeroScience</i> , 2018, 40, 337-346.	2.1	39
45	Circulating anti-geronic factors from heterochronic parabionts promote vascular rejuvenation in aged mice: transcriptional footprint of mitochondrial protection, attenuation of oxidative stress, and rescue of endothelial function by young blood. <i>GeroScience</i> , 2020, 42, 727-748.	2.1	39
46	Citrate Synthase Is a Novel <i>In Vivo</i> Matrix Metalloproteinase-9 Substrate That Regulates Mitochondrial Function in the Postmyocardial Infarction Left Ventricle. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1974-1985.	2.5	38
47	The circular relationship between matrix metalloproteinase-9 and inflammation following myocardial infarction. <i>IUBMB Life</i> , 2015, 67, 611-618.	1.5	38
48	Macrophage overexpression of matrix metalloproteinase-9 in aged mice improves diastolic physiology and cardiac wound healing after myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H224-H235.	1.5	37
49	IGF-1 Deficiency Promotes Pathological Remodeling of Cerebral Arteries: A Potential Mechanism Contributing to the Pathogenesis of Intracerebral Hemorrhages in Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 446-454.	1.7	37
50	Increased cognitive workload evokes greater neurovascular coupling responses in healthy young adults. <i>PLoS ONE</i> , 2021, 16, e0250043.	1.1	37
51	Exogenous CXCL4 infusion inhibits macrophage phagocytosis by limiting CD36 signalling to enhance post-myocardial infarction cardiac dilation and mortality. <i>Cardiovascular Research</i> , 2019, 115, 395-408.	1.8	36
52	IGF1R signaling regulates astrocyte-mediated neurovascular coupling in mice: implications for brain aging. <i>GeroScience</i> , 2021, 43, 901-911.	2.1	35
53	Matrix metalloproteinases: drug targets for myocardial infarction. <i>Current Drug Targets</i> , 2013, 14, 276-86.	1.0	34
54	Increases in hypertension-induced cerebral microhemorrhages exacerbate gait dysfunction in a mouse model of Alzheimer's disease. <i>GeroScience</i> , 2020, 42, 1685-1698.	2.1	33

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55	Advances and challenges in geroscience research: An update. <i>Physiology International</i> , 2018, 105, 298-308.	0.8	31
56	Endothelial deficiency of insulin-like growth factor-1 receptor (IGF1R) impairs neurovascular coupling responses in mice, mimicking aspects of the brain aging phenotype. <i>GeroScience</i> , 2021, 43, 2387-2394.	2.1	31
57	Matrix Metalloproteinases: Drug Targets for Myocardial Infarction. <i>Current Drug Targets</i> , 2013, 14, 276-286.	1.0	31
58	Demonstration of age-related blood-brain barrier disruption and cerebrovascular rarefaction in mice by longitudinal intravital two-photon microscopy and optical coherence tomography. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H1370-H1392.	1.5	28
59	Using plasma matrix metalloproteinase-9 and monocyte chemoattractant protein-1 to predict future cardiovascular events in subjects with carotid atherosclerosis. <i>Atherosclerosis</i> , 2014, 232, 231-233.	0.4	25
60	Age-related alterations in the cerebrovasculature affect neurovascular coupling and BOLD fMRI responses: Insights from animal models of aging. <i>Psychophysiology</i> , 2021, 58, e13718.	1.2	25
61	Spatial transcriptomic analysis reveals inflammatory foci defined by senescent cells in the white matter, hippocampi and cortical grey matter in the aged mouse brain. <i>GeroScience</i> , 2022, 44, 661-681.	2.1	25
62	Cerebral blood flow alteration following acute myocardial infarction in mice. <i>Bioscience Reports</i> , 2018, 38, .	1.1	23
63	Potential Adverse Cardiovascular Effects of Treatment With Fluoxetine and Other Selective Serotonin Reuptake Inhibitors (SSRIs) in Patients With Geriatric Depression: Implications for Atherogenesis and Cerebrovascular Dysregulation. <i>Frontiers in Genetics</i> , 2019, 10, 898.	1.1	22
64	Sleep deprivation impairs cognitive performance, alters task-associated cerebral blood flow and decreases cortical neurovascular coupling-related hemodynamic responses. <i>Scientific Reports</i> , 2021, 11, 20994.	1.6	22
65	Differential effects of IGF-1 deficiency during the life span on structural and biomechanical properties in the tibia of aged mice. <i>Age</i> , 2016, 38, 38.	3.0	19
66	Repeated Valsalva maneuvers promote symptomatic manifestations of cerebral microhemorrhages: implications for the pathogenesis of vascular cognitive impairment in older adults. <i>GeroScience</i> , 2018, 40, 485-496.	2.1	18
67	Age-Related Alterations in Gait Function in Freely Moving Male C57BL/6 Mice: Translational Relevance of Decreased Cadence and Increased Gait Variability. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1417-1421.	1.7	18
68	Imaging retinal microvascular manifestations of carotid artery disease in older adults: from diagnosis of ocular complications to understanding microvascular contributions to cognitive impairment. <i>GeroScience</i> , 2021, 43, 1703-1723.	2.1	18
69	Relationship Between Leukocyte Kinetics and Behavioral Tests Changes in the Inflammatory Process of Hemorrhagic Stroke Recovery. <i>International Journal of Neuroscience</i> , 2010, 120, 765-773.	0.8	17
70	Is Testosterone Replacement Therapy in Older Men Effective and Safe?. <i>Drugs and Aging</i> , 2019, 36, 981-989.	1.3	17
71	Chemically induced carcinogenesis in rodent models of aging: assessing organismal resilience to genotoxic stressors in geroscience research. <i>GeroScience</i> , 2019, 41, 209-227.	2.1	16
72	Impact of the Renin-Angiotensin System on the Endothelium in Vascular Dementia: Unresolved Issues and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4268.	1.8	16

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73	Old blood from heterochronic parabionts accelerates vascular aging in young mice: transcriptomic signature of pathologic smooth muscle remodeling. <i>GeroScience</i> , 2022, 44, 953-981.	2.1	15
74	The Mouse Heart Attack Research Tool 1.0 database. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H522-H530.	1.5	14
75	The role of age-associated autonomic dysfunction in inflammation and endothelial dysfunction. <i>GeroScience</i> , 2022, 44, 2655-2670.	2.1	14
76	Thrombospondin-1. <i>Circulation Research</i> , 2013, 113, 1272-1274.	2.0	13
77	Tissue Inhibitor of Metalloproteinase-1: Actions beyond Matrix Metalloproteinase Inhibition. <i>Cardiology</i> , 2015, 132, 147-150.	0.6	13
78	Early manifestation of gait alterations in the Tg2576 mouse model of Alzheimer's disease. <i>GeroScience</i> , 2021, 43, 1947-1957.	2.1	13
79	Sleep deprivation alters task-related changes in functional connectivity of the frontal cortex: A near-infrared spectroscopy study. <i>Brain and Behavior</i> , 2021, 11, e02135.	1.0	13
80	Cognitive decrement in older adults with symptomatic peripheral artery disease. <i>GeroScience</i> , 2021, 43, 2455-2465.	2.1	13
81	Microvascular dysfunction and neurovascular uncoupling are exacerbated in peripheral artery disease, increasing the risk of cognitive decline in older adults. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H924-H935.	1.5	12
82	Increased Susceptibility to Cerebral Microhemorrhages Is Associated With Imaging Signs of Microvascular Degeneration in the Retina in an Insulin-Like Growth Factor 1 Deficient Mouse Model of Accelerated Aging. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 788296.	1.7	11
83	Cerebrovascular responses to graded exercise in young healthy males and females. <i>Physiological Reports</i> , 2020, 8, e14622.	0.7	10
84	Whole brain irradiation in mice causes long-term impairment in astrocytic calcium signaling but preserves astrocyte-astrocyte coupling. <i>GeroScience</i> , 2021, 43, 197-212.	2.1	10
85	Effect of genetic depletion of MMP-9 on neurological manifestations of hypertension-induced intracerebral hemorrhages in aged mice. <i>GeroScience</i> , 2021, 43, 2611-2619.	2.1	10
86	Left Ventricular Remodeling: One Small Step for the Extracellular Matrix Will Translate to a Giant Leap for the Myocardium. <i>Congestive Heart Failure</i> , 2013, 19, E5-8.	2.0	9
87	Cross Talk Between Inflammation and Extracellular Matrix Following Myocardial Infarction. , 2015, , 67-79.		9
88	Is Isolated Systolic Hypertension Worse Than Combined Systolic/Diastolic Hypertension?. <i>Journal of Clinical Hypertension</i> , 2012, 14, 808-809.	1.0	7
89	Delivery of the Radionuclide <sup>131</sup> I Using Cationic Fusogenic Liposomes as Nanocarriers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 457.	1.8	7
90	Insights into the modulation of the interferon response and NAD <sup>+</sup> in the context of COVID-19. <i>International Reviews of Immunology</i> , 2021, , 1-11.	1.5	7

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91	Effects of Low-Level Tragus Stimulation on Endothelial Function in Heart Failure With Reduced Ejection Fraction. <i>Journal of Cardiac Failure</i> , 2021, 27, 568-576.	0.7	6
92	Endothelial Dysfunction and Impaired Neurovascular Coupling Responses Precede Cognitive Impairment in a Mouse Model of Geriatric Sepsis. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 644733.	1.7	5
93	Proteomic Analysis of the Left Ventricle Post-myocardial Infarction to Identify In Vivo Candidate Matrix Metalloproteinase Substrates. <i>Methods in Molecular Biology</i> , 2013, 1066, 185-199.	0.4	5
94	Cerebrovascular Rejuvenation: Novel Strategies for Prevention of Vascular Cognitive Impairment. <i>Rejuvenation Research</i> , 2020, 23, 451-452.	0.9	4
95	Urinary Biomarkers of Oxidative Stress in Aging: Implications for Prediction of Accelerated Biological Age in Prospective Cohort Studies. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-12.	1.9	4
96	Age-dependent cardiovascular effects of sepsis in a murine model of cecal ligation and puncture: implications for the design of interventional studies. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1356-H1357.	1.5	3
97	Heavy hitting: Using water to label humans. <i>Proteomics - Clinical Applications</i> , 2014, 8, 477-479.	0.8	2
98	IGF1 deficiency promotes pathological remodeling of cerebral arteries: a potential mechanism contributing to the pathogenesis of intracerebral hemorrhages in aging. <i>FASEB Journal</i> , 2018, 32, 711.8.	0.2	2
99	Age-related alterations in gait function in freely moving male C57BL/6 mice: translational relevance of decreased cadence and increased gait variability. <i>FASEB Journal</i> , 2019, 33, 518.7.	0.2	2
100	Cyp2c44-mediated decrease of 15-HETE exacerbates pulmonary hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H251-H255.	1.5	1
101	Syndecan-4: a novel regulator of collagen synthesis and deposition in the pressure-overloaded myocardium. <i>Cardiovascular Research</i> , 2015, 106, 178-179.	1.8	0
102	Demonstration of Age-Related Increases in Blood-Brain Barrier Permeability and Microvascular Rarefaction in the Mouse Cerebral Cortex by Longitudinal Intravital Two-Photon Microscopy and Optical Coherence Tomography (OCT). <i>FASEB Journal</i> , 2021, 35, .	0.2	0
103	Cerebral microhemorrhages impair gait coordination in mice. <i>FASEB Journal</i> , 2018, 32, 578.9.	0.2	0
104	Selective disruption of IGF1 signaling in astrocytes impairs neurovascular coupling in mice: implications for cerebrovascular aging. <i>FASEB Journal</i> , 2018, 32, 711.10.	0.2	0
105	Pharmacologically-induced impairment of neurovascular coupling responses alters gait coordination in mice. <i>FASEB Journal</i> , 2018, 32, 711.9.	0.2	0
106	The Mouse Heart Attack Research Tool (mHART) 1.0 Database. <i>FASEB Journal</i> , 2018, 32, 848.5.	0.2	0
107	Age-related Peripheral Vascular Dysfunction Predicts Cognitive Decline in Healthy Individuals. <i>FASEB Journal</i> , 2019, 33, 685.11.	0.2	0
108	Interaction of obesity and Nrf2 deficiency exacerbates vascular aging: potential role of endothelial senescence. <i>FASEB Journal</i> , 2019, 33, 518.9.	0.2	0

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109	Endothelium-specific disruption of IGF1 signaling impairs blood flow regulation in mice. FASEB Journal, 2019, 33, 684.13.	0.2	0
110	Age-related neurovascular coupling impairment is associated with cognitive decline in healthy individuals. FASEB Journal, 2019, 33, 685.15.	0.2	0
111	Nrf2 deficiency in aged mice exacerbates cellular senescence promoting cerebrovascular inflammation. FASEB Journal, 2019, 33, 518.8.	0.2	0
112	Treatment of aged mice with the mitochondria targeted antioxidative peptide SS31 protects against hypertension-induced cerebral microhemorrhages. FASEB Journal, 2019, 33, 518.6.	0.2	0
113	Overexpression of catalase targeted to mitochondria improves neurovascular coupling responses in aged mice.. FASEB Journal, 2020, 34, 1-1.	0.2	0
114	Cerebral venous congestion promotes blood-brain barrier disruption and neuroinflammation, impairing cognitive function in mice.. FASEB Journal, 2020, 34, 1-1.	0.2	0
115	Nicotinamide mononucleotide (NMN) supplementation promotes anti-aging miRNA expression profile in the aorta of aged mice, predicting epigenetic rejuvenation and anti-atherogenic effects.. FASEB Journal, 2020, 34, 1-1.	0.2	0
116	Age-related Changes in Systemic Circulation Promote Vascular Maladaptation and Impair Vascular Reactivity in Retinal and Brain Circulation in Older Adults. FASEB Journal, 2020, 34, 1-1.	0.2	0
117	Pharmacological or genetic depletion of senescent astrocytes prevents whole brain irradiation-induced impairment of neurovascular coupling responses protecting cognitive function in mice. FASEB Journal, 2020, 34, 1-1.	0.2	0
118	Treatment with the poly(ADP-ribose) polymerase inhibitor PJ34 improves cerebrovascular endothelial function, neurovascular coupling responses and cognitive performance in aged mice, supporting the NAD <sup>+</sup> depletion hypothesis of neurovascular aging.. FASEB Journal, 2020, 34, 1-1.	0.2	0