

# Andriy Yabluchanskiy

## List of Publications by Year in Descending Order

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**Version:** 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111  
papers

3,110  
citations

33  
h-index

53  
g-index

119  
ext. papers

4,048  
ext. citations

5.8  
avg. IF

5.37  
L-index

#	Paper	IF	Citations
111	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> , <b>2022</b> , 1	8.9	1
110	Old blood from heterochronic parabionts accelerates vascular aging in young mice: transcriptomic signature of pathologic smooth muscle remodeling.. <i>GeroScience</i> , <b>2022</b> , 1	8.9	1
109	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> , <b>2022</b> , 14, 788296	5.3	0
108	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> , <b>2022</b> , 2022, 6110226	6.7	26
107	Age-related alterations in the cerebrovasculature affect neurovascular coupling and BOLD fMRI responses: Insights from animal models of aging. <i>Psychophysiology</i> , <b>2021</b> , 58, e13718	4.1	4
106	Sleep deprivation impairs cognitive performance, alters task-associated cerebral blood flow and decreases cortical neurovascular coupling-related hemodynamic responses. <i>Scientific Reports</i> , <b>2021</b> , 11, 20994	4.9	3
105	IGF1R signaling regulates astrocyte-mediated neurovascular coupling in mice: implications for brain aging. <i>GeroScience</i> , <b>2021</b> , 43, 901-911	8.9	7
104	Demonstration of age-related blood-brain barrier disruption and cerebromicrovascular rarefaction in mice by longitudinal intravital two-photon microscopy and optical coherence tomography. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2021</b> , 320, H1370-H1392	5.2	6
103	Effects of Low-Level Tragus Stimulation on Endothelial Function in Heart Failure With Reduced Ejection Fraction. <i>Journal of Cardiac Failure</i> , <b>2021</b> , 27, 568-576	3.3	0
102	Increased cognitive workload evokes greater neurovascular coupling responses in healthy young adults. <i>PLoS ONE</i> , <b>2021</b> , 16, e0250043	3.7	11
101	Endothelial Dysfunction and Impaired Neurovascular Coupling Responses Precede Cognitive Impairment in a Mouse Model of Geriatric Sepsis. <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 644733	5.3	0
100	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> , <b>2021</b> , 43, 1703-1723	8.9	1
99	Early manifestation of gait alterations in the Tg2576 mouse model of Alzheimer's disease. <i>GeroScience</i> , <b>2021</b> , 43, 1947-1957	8.9	2
98	Sleep deprivation alters task-related changes in functional connectivity of the frontal cortex: A near-infrared spectroscopy study. <i>Brain and Behavior</i> , <b>2021</b> , 11, e02135	3.4	2
97	Obesity-induced cognitive impairment in older adults: a microvascular perspective. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2021</b> , 320, H740-H761	5.2	15
96	Whole brain irradiation in mice causes long-term impairment in astrocytic calcium signaling but preserves astrocyte-astrocyte coupling. <i>GeroScience</i> , <b>2021</b> , 43, 197-212	8.9	1
95	Delivery of the Radionuclide I Using Cationic Fusogenic Liposomes as Nanocarriers. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3

94	Effect of genetic depletion of MMP-9 on neurological manifestations of hypertension-induced intracerebral hemorrhages in aged mice. <i>GeroScience</i> , <b>2021</b> , 43, 2611-2619	8.9	1
93	Insights into the modulation of the interferon response and NAD in the context of COVID-19. <i>International Reviews of Immunology</i> , <b>2021</b> , 1-11	4.6	2
92	Treatment with the BCL-2/BCL-xL inhibitor senolytic drug ABT263/Navitoclax improves functional hyperemia in aged mice. <i>GeroScience</i> , <b>2021</b> , 43, 2427-2440	8.9	4
91	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> , <b>2021</b> , 43, 2387-2394	8.9	4
90	Cognitive decrement in older adults with symptomatic peripheral artery disease. <i>GeroScience</i> , <b>2021</b> , 43, 2455-2465	8.9	0
89	Impact of the Renin-Angiotensin System on the Endothelium in Vascular Dementia: Unresolved Issues and Future Perspectives. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7
88	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> , <b>2020</b> , 42, 727-748	8.9	17
87	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> , <b>2020</b> , 42, 527-546	8.9	37
86	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> , <b>2020</b> , 42, 409-428	8.9	34
85	Single-cell RNA sequencing identifies senescent cerebrovascular endothelial cells in the aged mouse brain. <i>GeroScience</i> , <b>2020</b> , 42, 429-444	8.9	32
84	Nicotinamide mononucleotide (NMN) supplementation promotes anti-aging miRNA expression profile in the aorta of aged mice, predicting epigenetic rejuvenation and anti-atherogenic effects.. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
83	Age-related Changes in Systemic Circulation Promote Vascular Maladaptation and Impair Vascular Reactivity in Retinal and Brain Circulation in Older Adults. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
82	Pharmacological or genetic depletion of senescent astrocytes prevents whole brain irradiation-induced impairment of neurovascular coupling responses protecting cognitive function in mice. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
81	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>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
80	Overexpression of catalase targeted to mitochondria improves neurovascular coupling responses in aged mice.. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
79	Cerebral venous congestion promotes blood-brain barrier disruption and neuroinflammation, impairing cognitive function in mice.. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
78	Retinal biomarkers for Alzheimer's disease and vascular cognitive impairment and dementia (VCID): implication for early diagnosis and prognosis. <i>GeroScience</i> , <b>2020</b> , 42, 1499-1525	8.9	20
77	Cerebrovascular responses to graded exercise in young healthy males and females. <i>Physiological Reports</i> , <b>2020</b> , 8, e14622	2.6	4

76	Increases in hypertension-induced cerebral microhemorrhages exacerbate gait dysfunction in a mouse model of Alzheimer's disease. <i>GeroScience</i> , <b>2020</b> , 42, 1685-1698	8.9	16
75	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> , <b>2019</b> , 41, 419-439	8.9	42
74	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> , <b>2019</b> , 41, 341-349	8.9	35
73	Nicotinamide mononucleotide (NMN) treatment attenuates oxidative stress and rescues angiogenic capacity in aged cerebromicrovascular endothelial cells: a potential mechanism for the prevention of vascular cognitive impairment. <i>GeroScience</i> , <b>2019</b> , 41, 619-630	8.9	64
72	Central IGF-1 protects against features of cognitive and sensorimotor decline with aging in male mice. <i>GeroScience</i> , <b>2019</b> , 41, 185-208	8.9	38
71	Chemically induced carcinogenesis in rodent models of aging: assessing organismal resilience to genotoxic stressors in geroscience research. <i>GeroScience</i> , <b>2019</b> , 41, 209-227	8.9	11
70	Age-related decline in peripheral vascular health predicts cognitive impairment. <i>GeroScience</i> , <b>2019</b> , 41, 125-136	8.9	33
69	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> , <b>2019</b> , 316, H1124-H1140	5.2	26
68	Role of endothelial NAD deficiency in age-related vascular dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 316, H1253-H1266	5.2	47
67	Nicotinamide mononucleotide (NMN) supplementation rescues cerebromicrovascular endothelial function and neurovascular coupling responses and improves cognitive function in aged mice. <i>Redox Biology</i> , <b>2019</b> , 24, 101192	11.3	108
66	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> , <b>2019</b> , 74, 290-298	6.4	48
65	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> , <b>2019</b> , 74, 446-454	6.4	23
64	Overexpression of catalase targeted to mitochondria improves neurovascular coupling responses in aged mice. <i>GeroScience</i> , <b>2019</b> , 41, 609-617	8.9	28
63	Is Testosterone Replacement Therapy in Older Men Effective and Safe?. <i>Drugs and Aging</i> , <b>2019</b> , 36, 981-989	4.7	4
62	Potential Adverse Cardiovascular Effects of Treatment With Fluoxetine and Other Selective Serotonin Reuptake Inhibitors (SSRIs) in Patients With Geriatric Depression: Implications for Atherogenesis and Cerebromicrovascular Dysregulation. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 898	4.5	10
61	Treatment with the poly(ADP-ribose) polymerase inhibitor PJ-34 improves cerebromicrovascular endothelial function, neurovascular coupling responses and cognitive performance in aged mice, supporting the NAD <sup>+</sup> depletion hypothesis of neurovascular aging. <i>GeroScience</i> , <b>2019</b> , 41, 533-542	8.9	56
60	Assessment of age-related decline of neurovascular coupling responses by functional near-infrared spectroscopy (fNIRS) in humans. <i>GeroScience</i> , <b>2019</b> , 41, 495-509	8.9	29
59	Cerebral venous congestion promotes blood-brain barrier disruption and neuroinflammation, impairing cognitive function in mice. <i>GeroScience</i> , <b>2019</b> , 41, 575-589	8.9	22

58	Fusogenic liposomes effectively deliver resveratrol to the cerebral microcirculation and improve endothelium-dependent neurovascular coupling responses in aged mice. <i>GeroScience</i> , <b>2019</b> , 41, 711-725	8.9	26
57	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> , <b>2019</b> , 41, 727-738	8.9	52
56	Age-related Peripheral Vascular Dysfunction Predicts Cognitive Decline in Healthy Individuals. <i>FASEB Journal</i> , <b>2019</b> , 33, 685.11	0.9	
55	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> , <b>2019</b> , 33, 518.7	0.9	1
54	Interaction of obesity and Nrf2 deficiency exacerbates vascular aging: potential role of endothelial senescence. <i>FASEB Journal</i> , <b>2019</b> , 33, 518.9	0.9	
53	Endothelium-specific disruption of IGF-1 signaling impairs blood flow regulation in mice. <i>FASEB Journal</i> , <b>2019</b> , 33, 684.13	0.9	
52	Age-related neurovascular coupling impairment is associated with cognitive decline in healthy individuals. <i>FASEB Journal</i> , <b>2019</b> , 33, 685.15	0.9	
51	Nrf2 deficiency in aged mice exacerbates cellular senescence promoting cerebrovascular inflammation. <i>FASEB Journal</i> , <b>2019</b> , 33, 518.8	0.9	
50	Treatment of aged mice with the mitochondria targeted antioxidative peptide SS-31 protects against hypertension-induced cerebral microhemorrhages. <i>FASEB Journal</i> , <b>2019</b> , 33, 518.6	0.9	
49	Microvascular contributions to age-related macular degeneration (AMD): from mechanisms of choriocapillaris aging to novel interventions. <i>GeroScience</i> , <b>2019</b> , 41, 813-845	8.9	29
48	Exogenous CXCL4 infusion inhibits macrophage phagocytosis by limiting CD36 signalling to enhance post-myocardial infarction cardiac dilation and mortality. <i>Cardiovascular Research</i> , <b>2019</b> , 115, 395-408	9.9	18
47	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> , <b>2019</b> , 74, 1417-1421	6.4	10
46	Treatment with the mitochondrial-targeted antioxidant peptide SS-31 rescues neurovascular coupling responses and cerebrovascular endothelial function and improves cognition in aged mice. <i>Aging Cell</i> , <b>2018</b> , 17, e12731	9.9	85
45	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> , <b>2019</b> , 74, 1417-1421	6.4	81
44	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> , <b>2018</b> , 314, H224-H235	5.2	27
43	Cerebral blood flow alteration following acute myocardial infarction in mice. <i>Bioscience Reports</i> , <b>2018</b> , 38,	4.1	14
42	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> , <b>2018</b> , 315, H1356-H1357	5.2	2
41	Short-term weight loss reverses obesity-induced microvascular endothelial dysfunction. <i>GeroScience</i> , <b>2018</b> , 40, 337	8.9	34

40	Cerebral microhemorrhages impair gait coordination in mice. <i>FASEB Journal</i> , <b>2018</b> , 32, 578.9	0.9	
39	Selective disruption of IGF-1 signaling in astrocytes impairs neurovascular coupling in mice: implications for cerebrovascular aging. <i>FASEB Journal</i> , <b>2018</b> , 32, 711.10	0.9	
38	Pharmacologically-induced impairment of neurovascular coupling responses alters gait coordination in mice. <i>FASEB Journal</i> , <b>2018</b> , 32, 711.9	0.9	
37	The Mouse Heart Attack Research Tool (mHART) 1.0 Database. <i>FASEB Journal</i> , <b>2018</b> , 32, 848.5	0.9	
36	IGF-1 deficiency promotes pathological remodeling of cerebral arteries: a potential mechanism contributing to the pathogenesis of intracerebral hemorrhages in aging. <i>FASEB Journal</i> , <b>2018</b> , 32, 711.8	0.9	1
35	Advances and challenges in geroscience research: An update. <i>Physiology International</i> , <b>2018</b> , 105, 298-308	5	21
34	Nrf2 deficiency in aged mice exacerbates cellular senescence promoting cerebrovascular inflammation. <i>GeroScience</i> , <b>2018</b> , 40, 513-521	8.9	80
33	Repeated Valsalva maneuvers promote symptomatic manifestations of cerebral microhemorrhages: implications for the pathogenesis of vascular cognitive impairment in older adults. <i>GeroScience</i> , <b>2018</b> , 40, 485-496	8.9	16
32	The Mouse Heart Attack Research Tool 1.0 database. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2018</b> , 315, H522-H530	5.2	11
31	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> , <b>2017</b> , 312, H375-H383	5.2	40
30	Cerebrovascular dysfunction predicts cognitive decline and gait abnormalities in a mouse model of whole brain irradiation-induced accelerated brain senescence. <i>GeroScience</i> , <b>2017</b> , 39, 33-42	8.9	56
29	IGF-1 has sexually dimorphic, pleiotropic, and time-dependent effects on healthspan, pathology, and lifespan. <i>GeroScience</i> , <b>2017</b> , 39, 129-145	8.9	86
28	IL-10 improves cardiac remodeling after myocardial infarction by stimulating M2 macrophage polarization and fibroblast activation. <i>Basic Research in Cardiology</i> , <b>2017</b> , 112, 33	11.8	172
27	Demonstration of impaired neurovascular coupling responses in TG2576 mouse model of Alzheimer's disease using functional laser speckle contrast imaging. <i>GeroScience</i> , <b>2017</b> , 39, 465-473	8.9	54
26	Insulin-like growth factor 1 deficiency exacerbates hypertension-induced cerebral microhemorrhages in mice, mimicking the aging phenotype. <i>Aging Cell</i> , <b>2017</b> , 16, 469-479	9.9	50
25	Hypertension impairs neurovascular coupling and promotes microvascular injury: role in exacerbation of Alzheimer's disease. <i>GeroScience</i> , <b>2017</b> , 39, 359-372	8.9	55
24	Connective tissue growth factor (CTGF) in age-related vascular pathologies. <i>GeroScience</i> , <b>2017</b> , 39, 491-498	9.9	35
23	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> , <b>2017</b> , 39, 385-406	8.9	51

22	Myocardial Infarction Superimposed on Aging: MMP-9 Deletion Promotes M2 Macrophage Polarization. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2016</b> , 71, 475-83	6.4	53
21	Temporal neutrophil polarization following myocardial infarction. <i>Cardiovascular Research</i> , <b>2016</b> , 110, 51-61	9.9	177
20	Differential effects of IGF-1 deficiency during the life span on structural and biomechanical properties in the tibia of aged mice. <i>Age</i> , <b>2016</b> , 38, 38		12
19	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> , <b>2015</b> , 85, 229-39	5.8	52
18	Deriving a cardiac ageing signature to reveal MMP-9-dependent inflammatory signalling in senescence. <i>Cardiovascular Research</i> , <b>2015</b> , 106, 421-31	9.9	61
17	The circular relationship between matrix metalloproteinase-9 and inflammation following myocardial infarction. <i>IUBMB Life</i> , <b>2015</b> , 67, 611-8	4.7	30
16	Tissue Inhibitor of Metalloproteinase-1: Actions beyond Matrix Metalloproteinase Inhibition. <i>Cardiology</i> , <b>2015</b> , 132, 147-50	1.6	12
15	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> , <b>2015</b> , 66, 1364-74	15.1	101
14	Cross Talk Between Inflammation and Extracellular Matrix Following Myocardial Infarction <b>2015</b> , 67-79		2
13	Cardiac aging is initiated by matrix metalloproteinase-9-mediated endothelial dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2014</b> , 306, H1398-407	5.2	44
12	Heavy hitting: Using water to label humans. <i>Proteomics - Clinical Applications</i> , <b>2014</b> , 8, 477-9	3.1	1
11	Citrate synthase is a novel in vivo matrix metalloproteinase-9 substrate that regulates mitochondrial function in the postmyocardial infarction left ventricle. <i>Antioxidants and Redox Signaling</i> , <b>2014</b> , 21, 1974-85	8.4	29
10	Using plasma matrix metalloproteinase-9 and monocyte chemoattractant protein-1 to predict future cardiovascular events in subjects with carotid atherosclerosis. <i>Atherosclerosis</i> , <b>2014</b> , 232, 231-3	3.1	23
9	Neutrophil roles in left ventricular remodeling following myocardial infarction. <i>Fibrogenesis and Tissue Repair</i> , <b>2013</b> , 6, 11		113
8	Matrix metalloproteinase-9: Many shades of function in cardiovascular disease. <i>Physiology</i> , <b>2013</b> , 28, 391-403	9.8	248
7	Left ventricular remodeling: one small step for the extracellular matrix will translate to a giant leap for the myocardium. <i>Congestive Heart Failure</i> , <b>2013</b> , 19, E5-8		7
6	Matrix metalloproteinases: drug targets for myocardial infarction. <i>Current Drug Targets</i> , <b>2013</b> , 14, 276-86		31
5	Matrix Metalloproteinases: Drug Targets for Myocardial Infarction. <i>Current Drug Targets</i> , <b>2013</b> , 14, 276-286		26

4	Proteomic analysis of the left ventricle post-myocardial infarction to identify in vivo candidate matrix metalloproteinase substrates. <i>Methods in Molecular Biology</i> , <b>2013</b> , 1066, 185-99	1.4	3
3	Is isolated systolic hypertension worse than combined systolic/diastolic hypertension?. <i>Journal of Clinical Hypertension</i> , <b>2012</b> , 14, 808-9	2.3	5
2	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> , <b>2012</b> , 40, 544-52	1.4	82
1	Relationship between leukocyte kinetics and behavioral tests changes in the inflammatory process of hemorrhagic stroke recovery. <i>International Journal of Neuroscience</i> , <b>2010</b> , 120, 765-73	2	14