

Douglas R Seals

List of Publications by Year in descending order

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Version: 2024-02-01

235
papers

15,673
citations

12330
69
h-index

17592
121
g-index

236
all docs

236
docs citations

236
times ranked

13901
citing authors

#	ARTICLE	IF	CITATIONS
1	Lifelong physical activity attenuates age- and Western-style diet-related declines in physical function and adverse changes in skeletal muscle mass and inflammation. <i>Experimental Gerontology</i> , 2022, 157, 111632.	2.8	4
2	Senolysis induced by 25-hydroxycholesterol targets CRYAB in multiple cell types. <i>IScience</i> , 2022, 25, 103848.	4.1	17
3	To grant you an edge. Part 3. Considerations for writing competitive research career development proposals in the biomedical sciences. <i>Journal of Applied Physiology</i> , 2022, 132, 1518-1524.	2.5	12
4	To grant you an edge: Part 1. General strategies for writing competitive biomedical research proposals. <i>Journal of Applied Physiology</i> , 2022, 132, 1489-1505.	2.5	12
5	To grant you an edge: Part 2. Tactical tips for addressing specific aspects of biomedical research proposals. <i>Journal of Applied Physiology</i> , 2022, 132, 1506-1517.	2.5	12
6	Translational Potential of High-Resistance Inspiratory Muscle Strength Training. <i>Exercise and Sport Sciences Reviews</i> , 2022, 50, 107-117.	3.0	6
7	Associations Between Age and Resting State Connectivity Are Partially Dependent Upon Cardiovascular Fitness. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 858405.	3.4	1
8	Cellular Senescence and the Associated Secretome Contribute to Age-Related Vascular Dysfunction. <i>FASEB Journal</i> , 2022, 36, .	0.5	3
9	Nicotinamide Riboside Supplementation for Treating Elevated Systolic Blood Pressure and Arterial Stiffness in Midlife and Older Adults. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	2.4	9
10	Repetitive Element Transcripts are Associated with Inflammation in Older Adults. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
11	Consumption of a High-Fiber Diet Improves Systolic Blood Pressure and Vascular Endothelial Function and May Reduce Oxidative Stress in Middle-Aged to Older Adults. <i>FASEB Journal</i> , 2022, 36, .	0.5	1
12	Changes in Gut Microbiome Composition with Healthy Aging in Humans: Links to Vascular Endothelial Function. <i>FASEB Journal</i> , 2022, 36, .	0.5	1
13	Objectively Measured Vigorous-Intensity Physical Activity is Related to Endothelial Function in Midlife and Older Men but not in Estrogen-Deficient Postmenopausal Women. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
14	Direct advice for directing an academic biomedical research laboratory. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2022, 323, R204-R220.	1.8	9
15	Late-life voluntary wheel running reverses age-related aortic stiffness in mice: a translational model for studying mechanisms of exercise-mediated arterial de-stiffening. <i>GeroScience</i> , 2021, 43, 423-432.	4.6	16
16	Dietary Nitrate and Nitric Oxide Metabolism: Mouth, Circulation, Skeletal Muscle, and Exercise Performance. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 280-294.	0.4	58
17	Healthy Aging Interventions Reduce Repetitive Element Transcripts. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 805-810.	3.6	10
18	Lifelong voluntary aerobic exercise prevents age- and Western diet-induced vascular dysfunction, mitochondrial oxidative stress and inflammation in mice. <i>Journal of Physiology</i> , 2021, 599, 911-925.	2.9	46

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19	The gut microbiome-derived metabolite trimethylamine N-oxide modulates neuroinflammation and cognitive function with aging. <i>GeroScience</i> , 2021, 43, 377-394.	4.6	85
20	Inorganic Nitrite Supplementation Improves Endothelial Function With Aging. <i>Hypertension</i> , 2021, 77, 1212-1222.	2.7	23
21	Tumor Necrosis Factor Alpha-Mediated Inflammation and Remodeling of the Extracellular Matrix Underlies Aortic Stiffening Induced by the Common Chemotherapeutic Agent Doxorubicin. <i>Hypertension</i> , 2021, 77, 1581-1590.	2.7	20
22	Mitochondrial contributions to vascular endothelial dysfunction, arterial stiffness, and cardiovascular diseases. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H2080-H2100.	3.2	52
23	Anthracycline chemotherapy-mediated vascular dysfunction as a model of accelerated vascular aging. <i>Aging and Cancer</i> , 2021, 2, 45-69.	1.6	14
24	Apigenin restores endothelial function by ameliorating oxidative stress, reverses aortic stiffening, and mitigates vascular inflammation with aging. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H185-H196.	3.2	41
25	Time-efficient Inspiratory Muscle Strength Training Lowers Blood Pressure and Improves Endothelial Function, NO Bioavailability, and Oxidative Stress in Midlife/Older Adults With Above-normal Blood Pressure. <i>Journal of the American Heart Association</i> , 2021, 10, e020980.	3.7	49
26	Gut Microbiome-Derived Metabolite Trimethylamine N-Oxide Induces Aortic Stiffening and Increases Systolic Blood Pressure With Aging in Mice and Humans. <i>Hypertension</i> , 2021, 78, 499-511.	2.7	47
27	The academic biomedical research laboratory as a "small business". <i>Journal of Applied Physiology</i> , 2021, 131, 729-742.	2.5	19
28	A (Baker's) Dozen Tips for Enhancing Early-Stage Academic Career Development in Biomedical Research. <i>Journal of Applied Physiology</i> , 2021, 131, 1505-1515.	2.5	17
29	Accelerated aging of the brain transcriptome by the common chemotherapeutic doxorubicin. <i>Experimental Gerontology</i> , 2021, 152, 111451.	2.8	9
30	Time-efficient, high-resistance inspiratory muscle strength training for cardiovascular aging. <i>Experimental Gerontology</i> , 2021, 154, 111515.	2.8	11
31	Musings on Mentoring: Teach Your "Children" Well. <i>Journal of Applied Physiology</i> , 2021, , .	2.5	14
32	Six Months of Inspiratory Muscle Training to Lower Blood Pressure and Improve Endothelial Function in Middle-Aged and Older Adults With Above-Normal Blood Pressure and Obstructive Sleep Apnea: Protocol for the CHART Clinical Trial. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 760203.	2.4	6
33	Short-term interleukin-37 treatment improves vascular endothelial function, endurance exercise capacity, and whole-body glucose metabolism in old mice. <i>Aging Cell</i> , 2020, 19, e13074.	6.7	37
34	Doxorubicin-Induced Oxidative Stress and Endothelial Dysfunction in Conduit Arteries Is Prevented by Mitochondrial-Specific Antioxidant Treatment. <i>JACC: CardioOncology</i> , 2020, 2, 475-488.	4.0	33
35	Vascular Endothelial Function in Midlife/Older Adults Classified According to 2017 American College of Cardiology/American Heart Association Blood Pressure Guidelines. <i>Journal of the American Heart Association</i> , 2020, 9, e016625.	3.7	11
36	Trimethylamine-N-Oxide Promotes Age-Related Vascular Oxidative Stress and Endothelial Dysfunction in Mice and Healthy Humans. <i>Hypertension</i> , 2020, 76, 101-112.	2.7	134

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37	Effects of resveratrol or estradiol on postexercise endothelial function in estrogen-deficient postmenopausal women. <i>Journal of Applied Physiology</i> , 2020, 128, 739-747.	2.5	19
38	Short-term time-restricted feeding is safe and feasible in non-obese healthy midlife and older adults. <i>GeroScience</i> , 2020, 42, 667-686.	4.6	91
39	Targeting mitochondrial fitness as a strategy for healthy vascular aging. <i>Clinical Science</i> , 2020, 134, 1491-1519.	4.3	31
40	The commonly used anthracycline chemotherapy drug Doxorubicin impairs vascular endothelial function via stimulation of mitochondrial superoxide. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	1
41	Dietary Sodium Restriction Decreases Urinary Ngal in Older Adults with Moderately Elevated Systolic Blood Pressure Free from Chronic Kidney Disease. <i>Journal of Investigative Medicine</i> , 2020, 68, 1271-1275.	1.6	2
42	Impact of Red Beetroot Juice on Vascular Endothelial Function and Cardiometabolic Responses to a High-Fat Meal in Middle-Aged/Older Adults with Overweight and Obesity: A Randomized, Double-Blind, Placebo-Controlled, Crossover Trial. <i>Current Developments in Nutrition</i> , 2019, 3, nzz113.	0.3	13
43	The plasma metabolome as a predictor of biological aging in humans. <i>GeroScience</i> , 2019, 41, 895-906.	4.6	59
44	Time-efficient physical training for enhancing cardiovascular function in midlife and older adults: promise and current research gaps. <i>Journal of Applied Physiology</i> , 2019, 127, 1427-1440.	2.5	36
45	Suppression of the gut microbiome ameliorates age-related arterial dysfunction and oxidative stress in mice. <i>Journal of Physiology</i> , 2019, 597, 2361-2378.	2.9	106
46	The protective role of regular aerobic exercise on vascular function with aging. <i>Current Opinion in Physiology</i> , 2019, 10, 55-63.	1.8	9
47	Aerobic exercise training and vascular function with ageing in healthy men and women. <i>Journal of Physiology</i> , 2019, 597, 4901-4914.	2.9	127
48	Apocynin and Tempol ameliorate dietary sodium-induced declines in cutaneous microvascular function in salt-resistant humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H97-H103.	3.2	27
49	The historical context and scientific legacy of John O. Holloszy. <i>Journal of Applied Physiology</i> , 2019, 127, 277-305.	2.5	9
50	Primary Prevention of Age- and Western Diet-Associated Vascular Endothelial Dysfunction by Voluntary Aerobic Exercise in Mice: Role of Mitochondrial Oxidative Stress. <i>FASEB Journal</i> , 2019, 33, 696.20.	0.5	1
51	Transfer of Young Gut Microbiota Ameliorates Age- and Western-Style Diet-Related Vascular Endothelial Dysfunction in Mice. <i>FASEB Journal</i> , 2019, 33, 828.16.	0.5	0
52	Curcumin supplementation and motor-cognitive function in healthy middle-aged and older adults. <i>Nutrition and Healthy Aging</i> , 2018, 4, 323-333.	1.1	21
53	Chronic Supplementation With a Mitochondrial Antioxidant (MitoQ) Improves Vascular Function in Healthy Older Adults. <i>Hypertension</i> , 2018, 71, 1056-1063.	2.7	280
54	Strategies for Achieving Healthy Vascular Aging. <i>Hypertension</i> , 2018, 71, 389-402.	2.7	106

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55	Chronic Nicotinamide riboside supplementation is well-tolerated and elevates NAD ⁺ in healthy middle-aged and older adults. <i>Nature Communications</i> , 2018, 9, 1286.	12.8	406
56	Mitochondria-targeted antioxidant therapy with MitoQ ameliorates aortic stiffening in old mice. <i>Journal of Applied Physiology</i> , 2018, 124, 1194-1202.	2.5	86
57	Habitual aerobic exercise and circulating proteomic patterns in healthy adults: relation to indicators of healthspan. <i>Journal of Applied Physiology</i> , 2018, 125, 1646-1659.	2.5	19
58	Healthy lifestyle-based approaches for successful vascular aging. <i>Journal of Applied Physiology</i> , 2018, 125, 1888-1900.	2.5	58
59	Keynote lecture: strategies for optimal cardiovascular aging. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H183-H188.	3.2	43
60	Interleukin-37 treatment of mice with metabolic syndrome improves insulin sensitivity and reduces pro-inflammatory cytokine production in adipose tissue. <i>Journal of Biological Chemistry</i> , 2018, 293, 14224-14236.	3.4	42
61	Amino acid and lipid associated plasma metabolomic patterns are related to healthspan indicators with ageing. <i>Clinical Science</i> , 2018, 132, 1765-1777.	4.3	26
62	Mitochondrial-Targeted Antioxidant (MitoQ) Improves Vascular Function in Healthy Late Middle-Aged and Older Adults. <i>FASEB Journal</i> , 2018, 32, 845.8.	0.5	1
63	Suppression of the Gut Microbiome-Derived Metabolite Trimethylamine N-oxide Prevents Western Diet-Induced Arterial Dysfunction. <i>FASEB Journal</i> , 2018, 32, .	0.5	0
64	Reductions in central arterial compliance with age are related to sympathetic vasoconstrictor nerve activity in healthy men. <i>Hypertension Research</i> , 2017, 40, 493-495.	2.7	24
65	Habitual aerobic exercise does not protect against micro- or macrovascular endothelial dysfunction in healthy estrogen-deficient postmenopausal women. <i>Journal of Applied Physiology</i> , 2017, 122, 11-19.	2.5	51
66	Interleukin 37 reverses the metabolic cost of inflammation, increases oxidative respiration, and improves exercise tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2313-2318.	7.1	87
67	Trehalose supplementation reduces hepatic endoplasmic reticulum stress and inflammatory signaling in old mice. <i>Journal of Nutritional Biochemistry</i> , 2017, 45, 15-23.	4.2	45
68	Endothelial cell senescence with aging in healthy humans: prevention by habitual exercise and relation to vascular endothelial function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H890-H895.	3.2	160
69	Cholecalciferol, Calcitriol, and Vascular Function in CKD: A Randomized, Double-Blind Trial. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 1438-1446.	4.5	38
70	A viewpoint on considering physiological principles to study stress resistance and resilience with aging. <i>Ageing Research Reviews</i> , 2017, 38, 1-5.	10.9	32
71	Dietary rapamycin supplementation reverses age-related vascular dysfunction and oxidative stress, while modulating nutrient-sensing, cell cycle, and senescence pathways. <i>Aging Cell</i> , 2017, 16, 17-26.	6.7	123
72	Nutrition and other lifestyle influences on arterial aging. <i>Ageing Research Reviews</i> , 2017, 39, 106-119.	10.9	68

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73	Curcumin supplementation improves vascular endothelial function in healthy middle-aged and older adults by increasing nitric oxide bioavailability and reducing oxidative stress. <i>Aging</i> , 2017, 9, 187-208.	3.1	150
74	Adding value to a graduate physiology seminar by focusing on public communication skills. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2016, 40, 365-369.	1.6	3
75	Practical alternatives to chronic caloric restriction for optimizing vascular function with ageing. <i>Journal of Physiology</i> , 2016, 594, 7177-7195.	2.9	50
76	Nicotinamide mononucleotide supplementation reverses vascular dysfunction and oxidative stress with aging in mice. <i>Aging Cell</i> , 2016, 15, 522-530.	6.7	280
77	Physiological geroscience: targeting function to increase healthspan and achieve optimal longevity. <i>Journal of Physiology</i> , 2016, 594, 2001-2024.	2.9	206
78	Comparative Approaches to Understanding the Relation Between Aging and Physical Function. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1243-1253.	3.6	60
79	Effects of sodium nitrite supplementation on vascular function and related small metabolite signatures in middle-aged and older adults. <i>Journal of Applied Physiology</i> , 2016, 120, 416-425.	2.5	58
80	Oral trehalose supplementation improves resistance artery endothelial function in healthy middle-aged and older adults. <i>Aging</i> , 2016, 8, 1167-1183.	3.1	64
81	Voluntary aerobic exercise increases arterial resilience and mitochondrial health with aging in mice. <i>Aging</i> , 2016, 8, 2897-2914.	3.1	41
82	Reduced large elastic artery stiffness with regular aerobic exercise in middle-aged and older adults. <i>Journal of Hypertension</i> , 2015, 33, 2477-2482.	0.5	36
83	Sodium nitrite supplementation improves motor function and skeletal muscle inflammatory profile in old male mice. <i>Journal of Applied Physiology</i> , 2015, 118, 163-169.	2.5	23
84	Oral nitrite therapy improves vascular function in diabetic mice. <i>Diabetes and Vascular Disease Research</i> , 2015, 12, 221-224.	2.0	12
85	Effect of Dietary Sodium Restriction on Human Urinary Metabolomic Profiles. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 1227-1234.	4.5	18
86	Improved motor and cognitive performance with sodium nitrite supplementation is related to small metabolite signatures: a pilot trial in middle-aged and older adults. <i>Aging</i> , 2015, 7, 1004-1021.	3.1	35
87	Translational Geroscience: Emphasizing function to achieve optimal longevity. <i>Aging</i> , 2014, 6, 718-730.	3.1	65
88	Edward F. Adolph Distinguished Lecture: The remarkable anti-aging effects of aerobic exercise on systemic arteries. <i>Journal of Applied Physiology</i> , 2014, 117, 425-439.	2.5	93
89	Aerobic exercise and other healthy lifestyle factors that influence vascular aging. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2014, 38, 296-307.	1.6	100
90	Prevention of age-related endothelial dysfunction by habitual aerobic exercise in healthy humans: possible role of nuclear factor κ B. <i>Clinical Science</i> , 2014, 127, 645-654.	4.3	64

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91	Vascular endothelial function and oxidative stress are related to dietary niacin intake among healthy middle-aged and older adults. <i>Journal of Applied Physiology</i> , 2014, 116, 156-163.	2.5	33
92	Superoxide signaling in perivascular adipose tissue promotes age-related artery stiffness. <i>Aging Cell</i> , 2014, 13, 576-578.	6.7	71
93	Mitochondria-targeted antioxidant (MitoQ) ameliorates age-related arterial endothelial dysfunction in mice. <i>Journal of Physiology</i> , 2014, 592, 2549-2561.	2.9	185
94	The SIRT1 activator SRT1720 reverses vascular endothelial dysfunction, excessive superoxide production, and inflammation with aging in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1754-H1763.	3.2	144
95	You're Only as Old as Your Arteries: Translational Strategies for Preserving Vascular Endothelial Function with Aging. <i>Physiology</i> , 2014, 29, 250-264.	3.1	113
96	Inorganic nitrite supplementation for healthy arterial aging. <i>Journal of Applied Physiology</i> , 2014, 116, 463-477.	2.5	57
97	Mitochondrial quality control and age-associated arterial stiffening. <i>Experimental Gerontology</i> , 2014, 58, 78-82.	2.8	55
98	Assessment of Vascular Function in Patients With Chronic Kidney Disease. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	16
99	The autophagy enhancer spermidine reverses arterial aging. <i>Mechanisms of Ageing and Development</i> , 2013, 134, 314-320.	4.6	164
100	Essential Role of Estrogen for Improvements in Vascular Endothelial Function With Endurance Exercise in Postmenopausal Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 4507-4515.	3.6	141
101	Dietary Sodium Restriction Reverses Vascular Endothelial Dysfunction in Middle-Aged/Older Adults With Moderately Elevated Systolic Blood Pressure. <i>Journal of the American College of Cardiology</i> , 2013, 61, 335-343.	2.8	126
102	Curcumin ameliorates arterial dysfunction and oxidative stress with aging. <i>Experimental Gerontology</i> , 2013, 48, 269-276.	2.8	116
103	Aging compounds western diet-associated large artery endothelial dysfunction in mice: Prevention by voluntary aerobic exercise. <i>Experimental Gerontology</i> , 2013, 48, 1218-1225.	2.8	42
104	Life-long caloric restriction reduces oxidative stress and preserves nitric oxide bioavailability and function in arteries of old mice. <i>Aging Cell</i> , 2013, 12, 772-783.	6.7	146
105	Activation of the Unfolded Protein Response in Vascular Endothelial Cells of Nondiabetic Obese Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1505-E1509.	3.6	28
106	Regular aerobic exercise protects against impaired fasting plasma glucose-associated vascular endothelial dysfunction with aging. <i>Clinical Science</i> , 2013, 124, 325-331.	4.3	42
107	Translational physiology: from molecules to public health. <i>Journal of Physiology</i> , 2013, 591, 3457-3469.	2.9	28
108	Voluntary Aerobic Exercise Destiffens Arteries of Old Mice Via Inhibition of NADPH Oxidase- and Superoxide-Dependent Oxidative Stress. <i>FASEB Journal</i> , 2013, 27, .	0.5	0

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109	Angiotensin II receptor signaling modulates vascular smooth muscle sensitivity to nitric oxide in an adiposity-specific manner in healthy adults. FASEB Journal, 2013, 27, 1165.22.	0.5	0
110	Perivascular adipose tissue contributes to large elastic artery stiffness with aging and is associated with greater superoxide bioavailability. FASEB Journal, 2013, 27, 1194.4.	0.5	0
111	Dietary rapamycin selectively improves arterial function in old mice. FASEB Journal, 2013, 27, 1194.17.	0.5	2
112	Circulating plasma factors contribute to age-associated arterial stiffness. FASEB Journal, 2013, 27, 1b666.	0.5	0
113	Mitochondria-targeted antioxidant therapy with MitoQ ameliorates age-related vascular endothelial dysfunction. FASEB Journal, 2013, 27, 1125.10.	0.5	1
114	Age-related cerebrovascular endothelial dysfunction is associated with cognitive impairment in C57BL/6 mice. FASEB Journal, 2013, 27, 709.2.	0.5	0
115	Activation of the unfolded protein response in vascular endothelial cells of non-diabetic obese middle-aged and older adults. FASEB Journal, 2013, 27, 929.2.	0.5	0
116	Vascular smooth muscle responsiveness to nitric oxide is reduced in healthy adults with increased adiposity. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H743-H750.	3.2	18
117	Superoxide-lowering therapy with TEMPOL reverses arterial dysfunction with aging in mice. Aging Cell, 2012, 11, 269-276.	6.7	111
118	Sodium nitrite de-stiffening of large elastic arteries with aging: Role of normalization of advanced glycation end-products. Experimental Gerontology, 2012, 47, 588-594.	2.8	71
119	Sustained activation of AMPK ameliorates age-associated vascular endothelial dysfunction via a nitric oxide-independent mechanism. Mechanisms of Ageing and Development, 2012, 133, 368-371.	4.6	51
120	Translational evidence that impaired autophagy contributes to arterial ageing. Journal of Physiology, 2012, 590, 3305-3316.	2.9	193
121	Higher Dietary Niacin Intake is Related to Greater Vascular Endothelial Function Associated with Lower Oxidative Stress Among Healthy Middle-Aged and Older Adults. FASEB Journal, 2012, 26, 865.7.	0.5	0
122	Reduced large elastic artery stiffness in older exercising adults is associated with suppressed nuclear factor kappa B signaling. FASEB Journal, 2012, 26, 1138.10.	0.5	0
123	SIRT1 Activation with SRT1720 Reverses Impaired Endothelium-Dependent Dilation in Old Mice by Augmenting COX-2 Mediated Vasodilation. FASEB Journal, 2012, 26, 1b661.	0.5	0
124	Advanced Glycation End-Products in Age-Related Arterial Stiffening: Modulation by Sodium Nitrite. FASEB Journal, 2012, 26, 1b655.	0.5	0
125	Polyamine supplementation reduces oxidative stress and reverses vascular endothelial dysfunction with aging. FASEB Journal, 2012, 26, 865.4.	0.5	0
126	Sodium nitrite treatment restores vascular endothelial function in old mice with CKD. FASEB Journal, 2012, 26, 865.17.	0.5	0

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127	Endothelium-dependent dilation is inversely related to hematocrit among healthy young and older adults. FASEB Journal, 2012, 26, 865.13.	0.5	0
128	Polyamine supplementation enhances autophagy and reverses age-related arterial stiffening. FASEB Journal, 2012, 26, 865.9.	0.5	0
129	Perivascular adipose tissue in age-associated arterial stiffening: Role of transforming growth factor beta 1. FASEB Journal, 2012, 26, 866.8.	0.5	0
130	Impaired fasting blood glucose-related exacerbation of age-associated vascular endothelial dysfunction: protective effect of regular aerobic exercise. FASEB Journal, 2012, 26, 865.2.	0.5	0
131	Role of superoxide in cerebrovascular endothelial dysfunction with aging. FASEB Journal, 2012, 26, lb652.	0.5	0
132	Mitochondria-targeted antioxidant therapy reverses age-related arterial stiffening. FASEB Journal, 2012, 26, lb641.	0.5	0
133	Enhanced tetrahydrobiopterin contributes to sodium restriction-induced improvements in large elastic artery compliance in older adults with elevated systolic blood pressure. FASEB Journal, 2012, 26, 1131.11.	0.5	1
134	Sex-specific effects of habitual aerobic exercise on brachial artery flow-mediated dilation in middle-aged and older adults. Clinical Science, 2011, 120, 13-23.	4.3	160
135	Nitrite supplementation reverses vascular endothelial dysfunction and large elastic artery stiffness with aging. Aging Cell, 2011, 10, 429-437.	6.7	180
136	Habitually exercising older men do not demonstrate age-associated vascular endothelial oxidative stress. Aging Cell, 2011, 10, 1032-1037.	6.7	104
137	Salicylate Treatment Improves Age-Associated Vascular Endothelial Dysfunction: Potential Role of Nuclear Factor κ B and Forkhead Box O Phosphorylation. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2011, 66A, 409-418.	3.6	59
138	Aging and vascular endothelial function in humans. Clinical Science, 2011, 120, 357-375.	4.3	531
139	Aerobic exercise reverses arterial inflammation with aging in mice. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H1025-H1032.	3.2	103
140	Autophagy-enhancing therapy reduces oxidative stress and restores vascular endothelial function in old mice. FASEB Journal, 2011, 25, lb452.	0.5	0
141	Voluntary running and caloric restriction reverse cerebrovascular endothelial dysfunction in old mice by restoring nitric oxide bioavailability. FASEB Journal, 2011, 25, 1108.16.	0.5	0
142	Autophagy-enhancing treatment reverses age-associated large elastic artery stiffening and modulates arterial superoxide production, inflammation and collagen I. FASEB Journal, 2011, 25, .	0.5	0
143	Treatment with the SIRT1 activator SRT1720 reduces large elastic artery stiffness, superoxide production and inflammation in old mice. FASEB Journal, 2011, 25, lb485.	0.5	1
144	Vascular Endothelial Dysfunction with Age is Related to Increased Sympathetic Nervous System Activity in Women, but Not Men. FASEB Journal, 2011, 25, lb444.	0.5	0

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145	Curcumin improves large elastic artery stiffness and reverses superoxide suppression of nitric oxide-mediated vascular endothelial function in old mice. FASEB Journal, 2011, 25, 1b453.	0.5	0
146	Arterial stiffening with ageing is associated with transforming growth factor- β 1-related changes in adventitial collagen: reversal by aerobic exercise. Journal of Physiology, 2010, 588, 3971-3982.	2.9	169
147	Protein Expression in Vascular Endothelial Cells Obtained from Human Peripheral Arteries and Veins. Journal of Vascular Research, 2010, 47, 1-8.	1.4	33
148	Nitrite supplementation reverses vascular endothelial dysfunction in old mice via improved nitric oxide bioavailability. FASEB Journal, 2010, 24, 1039.6.	0.5	0
149	MicroRNA expression with "ageing" in human aortic endothelial cells. FASEB Journal, 2010, 24, 626.7.	0.5	0
150	Human arterial endothelial cells develop a mesenchymal phenotype with aging. FASEB Journal, 2010, 24, 784.2.	0.5	0
151	Age-related impairment in endothelium-dependent dilation is related to diminished sirT deacetylase expression and increased eNOS acetylation. FASEB Journal, 2010, 24, 1039.2.	0.5	1
152	Short-term AMPK activation improves vascular endothelial function in old mice by a different mechanism than habitual aerobic exercise. FASEB Journal, 2010, 24, 619.9.	0.5	0
153	Replicative senescence may be a suitable model for assessing in vivo endothelial cell oxidative stress and inflammation with aging in humans. FASEB Journal, 2010, 24, 598.5.	0.5	0
154	25-Hydroxyvitamin D deficiency is associated with vascular endothelial dysfunction in middle-aged and older adults. FASEB Journal, 2010, 24, 1039.7.	0.5	0
155	Life-long caloric restriction confers pronounced AMPK-dependent cardioprotection. FASEB Journal, 2010, 24, .	0.5	0
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