

# Qi Fu

## List of Publications by Year in descending order

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111  
papers

3,685  
citations

136950

32  
h-index

138484

58  
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111  
all docs

111  
docs citations

111  
times ranked

3126  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Cardiac Origins of the Postural Orthostatic Tachycardia Syndrome. <i>Journal of the American College of Cardiology</i> , 2010, 55, 2858-2868.   | 2.8 | 266       |
| 2  | Hemodynamics of orthostatic intolerance: implications for gender differences. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H449-H457.  | 3.2 | 165       |
| 3  | Effects of gender and hypovolemia on sympathetic neural responses to orthostatic stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R109-R116.                                    | 1.8 | 149       |
| 4  | Relationship Between Sympathetic Baroreflex Sensitivity and Arterial Stiffness in Elderly Men and Women. <i>Hypertension</i> , 2012, 59, 98-104.  | 2.7 | 142       |
| 5  | Postural Orthostatic Tachycardia Syndrome. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1207-1228.  | 2.8 | 142       |
| 6  | Exercise Training Versus Propranolol in the Treatment of the Postural Orthostatic Tachycardia Syndrome. <i>Hypertension</i> , 2011, 58, 167-175.  | 2.7 | 135       |
| 7  | Exercise and the autonomic nervous system. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2013, 117, 147-160.  | 1.8 | 119       |
| 8  | Sympathetic activation during early pregnancy in humans. <i>Journal of Physiology</i> , 2012, 590, 3535-3543.   | 2.9 | 113       |
| 9  | Sex differences in the modulation of vasomotor sympathetic outflow during static handgrip exercise in healthy young humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 301, R193-R200. | 1.8 | 112       |
| 10 | Menstrual cycle effects on sympathetic neural responses to upright tilt. <i>Journal of Physiology</i> , 2009, 587, 2019-2031.   | 2.9 | 109       |
| 11 | Vasoconstrictor Reserve and Sympathetic Neural Control of Orthostasis. <i>Circulation</i> , 2004, 110, 2931-2937.   | 1.6 | 107       |
| 12 | Sympathetic Neural and Hemodynamic Responses to Upright Tilt in Patients With Pulsatile and Nonpulsatile Left Ventricular Assist Devices. <i>Circulation: Heart Failure</i> , 2013, 6, 293-299.   | 3.9 | 98        |
| 13 | The international POTS registry: Evaluating the efficacy of an exercise training intervention in a community setting. <i>Heart Rhythm</i> , 2016, 13, 943-950.  | 0.7 | 92        |
| 14 | Exercise and non-pharmacological treatment of POTS. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2018, 215, 20-27.   | 2.8 | 91        |
| 15 | Autonomic Circulatory Control during Pregnancy in Humans. <i>Seminars in Reproductive Medicine</i> , 2009, 27, 330-337.   | 1.1 | 84        |
| 16 | Short-term exercise training improves the cardiovascular response to exercise in the postural orthostatic tachycardia syndrome. <i>Journal of Physiology</i> , 2012, 590, 3495-3505.  | 2.9 | 83        |
| 17 | Cardiac output and sympathetic vasoconstrictor responses during upright tilt to presyncope in healthy humans. <i>Journal of Physiology</i> , 2012, 590, 1839-1848.  | 2.9 | 78        |
| 18 | Ovarian Cycle and Sympathoexcitation in Premenopausal Women. <i>Hypertension</i> , 2013, 61, 395-399.   | 2.7 | 78        |

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|----|--|-----|-----------|
| 19 | Cardiovascular and sympathetic neural responses to handgrip and cold pressor stimuli in humans before, during and after spaceflight. <i>Journal of Physiology</i> , 2002, 544, 653-664.  | 2.9 | 74        |
| 20 | Restoration of Pulsatile Flow Reduces Sympathetic Nerve Activity Among Individuals With Continuous-Flow Left Ventricular Assist Devices. <i>Circulation</i> , 2015, 132, 2316-2322.  | 1.6 | 70        |
| 21 | Persistent Sympathetic Activation During Chronic Antihypertensive Therapy. <i>Hypertension</i> , 2005, 45, 513-521.  | 2.7 | 68        |
| 22 | Vasomotor sympathetic neural control is maintained during sustained upright posture in humans. <i>Journal of Physiology</i> , 2006, 577, 679-687.  | 2.9 | 67        |
| 23 | Effect of rowing ergometry and oral volume loading on cardiovascular structure and function during bed rest. <i>Journal of Applied Physiology</i> , 2012, 112, 1735-1743.  | 2.5 | 65        |
| 24 | Effect of pulsatile and nonpulsatile flow on cerebral perfusion in patients with left ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 1295-1303.  | 0.6 | 58        |
| 25 | Oral Contraceptive Use, Muscle Sympathetic Nerve Activity, and Systemic Hemodynamics in Young Women. <i>Hypertension</i> , 2015, 66, 590-597.  | 2.7 | 51        |
| 26 | Menstrual Cycle Affects Renal-Adrenal and Hemodynamic Responses During Prolonged Standing in the Postural Orthostatic Tachycardia Syndrome. <i>Hypertension</i> , 2010, 56, 82-90.   | 2.7 | 49        |
| 27 | Impact of Prolonged Spaceflight on Orthostatic Tolerance During Ambulation and Blood Pressure Profiles in Astronauts. <i>Circulation</i> , 2019, 140, 729-738.   | 1.6 | 48        |
| 28 | Exercise in the postural orthostatic tachycardia syndrome. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 188, 86-89.   | 2.8 | 45        |
| 29 | Vasoconstriction during venous congestion: effects of venoarteriolar response, myogenic reflexes, and hemodynamics of changing perfusion pressure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R1354-R1359. | 1.8 | 42        |
| 30 | Effects of exercise training on arterial-cardiac baroreflex function in POTS. <i>Clinical Autonomic Research</i> , 2011, 21, 73-80.  | 2.5 | 40        |
| 31 | Morning blood pressure surge is associated with arterial stiffness and sympathetic baroreflex sensitivity in hypertensive seniors. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H793-H802.                                    | 3.2 | 40        |
| 32 | Evidence for unloading arterial baroreceptors during low levels of lower body negative pressure in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H480-H488.  | 3.2 | 39        |
| 33 | Sex differences in baroreflex function in health and disease. <i>Journal of Physiological Sciences</i> , 2019, 69, 851-859.  | 2.1 | 34        |
| 34 | Hemodynamic and Electrocardiographic Aspects of Uncomplicated Singleton Pregnancy. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1065, 413-431.   | 1.6 | 33        |
| 35 | Intermittent hypobaric hypoxia exposure does not cause sustained alterations in autonomic control of blood pressure in young athletes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R1977-R1984.             | 1.8 | 32        |
| 36 | Pathophysiology of neurally mediated syncope: Role of cardiac output and total peripheral resistance. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014, 184, 24-26.  | 2.8 | 32        |

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|----|---|-----|-----------|
| 37 | Cardiovascular Response to Exercise in Women. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1433-1435.   | 0.4 | 31        |
| 38 | Asian women have attenuated sympathetic activation but enhanced renalâ€œadrenal responses during pregnancy compared to Caucasian women. <i>Journal of Physiology</i> , 2015, 593, 1159-1168.  | 2.9 | 30        |
| 39 | Role of Corin in Blood Pressure Regulation in Normotensive and Hypertensive Pregnancy. <i>Hypertension</i> , 2019, 73, 432-439.   | 2.7 | 27        |
| 40 | Age and sex differences in muscle sympathetic nerve activity in relation to haemodynamics, blood volume and left ventricular size. <i>Experimental Physiology</i> , 2014, 99, 839-848.  | 2.0 | 26        |
| 41 | Sex differences in sympathetic activity in obesity and its related hypertension. <i>Annals of the New York Academy of Sciences</i> , 2019, 1454, 31-41.   | 3.8 | 26        |
| 42 | Syncopal attack alters the burst properties of muscle sympathetic nerve activity in humans. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2002, 95, 141-145.  | 2.8 | 23        |
| 43 | Elderly Blacks Have a Blunted Sympathetic Neural Responsiveness But Greater Pressor Response to Orthostasis Than Elderly Whites. <i>Hypertension</i> , 2012, 60, 842-848.   | 2.7 | 23        |
| 44 | Impact of Lifelong Exercise Training Dose on Ventricular-Arterial Coupling. <i>Circulation</i> , 2018, 138, 2638-2647.  | 1.6 | 23        |
| 45 | Cell-free mitochondrial DNA increases in maternal circulation during healthy pregnancy: a prospective, longitudinal study. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R445-R452.    | 1.8 | 23        |
| 46 | Abnormal sympathetic neural recruitment patterns and hemodynamic responses to cold pressor test in women with posttraumatic stress disorder. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H1198-H1207. | 3.2 | 22        |
| 47 | Neural-humoral responses during head-up tilt in healthy young white and black women. <i>Frontiers in Physiology</i> , 2014, 5, 86.  | 2.8 | 21        |
| 48 | Neural and Nonneural Mechanisms for Sex Differences in Elderly Hypertension. <i>Hypertension</i> , 2008, 52, 787-794.   | 2.7 | 19        |
| 49 | Sympathetic Neural and Hemodynamic Responses During Cold Pressor Test in Elderly Blacks and Whites. <i>Hypertension</i> , 2016, 67, 951-958.  | 2.7 | 19        |
| 50 | Chronic renin inhibition lowers blood pressure and reduces upright muscle sympathetic nerve activity in hypertensive seniors. <i>Journal of Physiology</i> , 2013, 591, 5913-5922.  | 2.9 | 17        |
| 51 | Heart rate recovery after maximal exercise is blunted in hypertensive seniors. <i>Journal of Applied Physiology</i> , 2014, 117, 1302-1307.   | 2.5 | 17        |
| 52 | Impact of sex and age on metabolism, sympathetic activity, and hypertension. <i>FASEB Journal</i> , 2020, 34, 11337-11346.  | 0.5 | 17        |
| 53 | Autonomic dysfunction and cardiovascular risk in post-traumatic stress disorder. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2022, 237, 102923.   | 2.8 | 17        |
| 54 | Sex-Specific Ventricular and Vascular Adaptations to Exercise. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1065, 329-346.  | 1.6 | 16        |

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|----|---|-----|-----------|
| 55 | Adaptations in autonomic nervous system regulation in normal and hypertensive pregnancy. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 171, 57-84.   | 1.8 | 16        |
| 56 | Menstrual cycle phase does not affect sympathetic neural activity in women with postural orthostatic tachycardia syndrome. Journal of Physiology, 2015, 593, 2131-2143.   | 2.9 | 14        |
| 57 | Microneurographic research in women. Frontiers in Physiology, 2012, 3, 278.   | 2.8 | 13        |
| 58 | Early sympathetic neural responses during a cold pressor test linked to pain perception. Clinical Autonomic Research, 2021, 31, 215-224.  | 2.5 | 12        |
| 59 | Sex Differences in the Sympathetic Neural Recruitment and Hemodynamic Response to Head-Up Tilt in Older Hypertensives. Hypertension, 2020, 75, 458-467.   | 2.7 | 11        |
| 60 | EDITORIAL: Why do young women (donors) faint?. Transfusion, 2010, 50, 522-525.  | 1.6 | 10        |
| 61 | Sympathetic neural and cardiovascular responses during static handgrip exercise in women with a history of hypertensive pregnancy. Clinical Autonomic Research, 2016, 26, 395-405.  | 2.5 | 10        |
| 62 | Neural control of blood pressure during pregnancy in humans. Clinical Autonomic Research, 2020, 30, 423-431.  | 2.5 | 9         |
| 63 | Central integration and neural control of blood pressure during the cold pressor test: a comparison between hydrochlorothiazide and aliskiren. Physiological Reports, 2015, 3, e12502.  | 1.7 | 8         |
| 64 | Time course of changes in maternal left ventricular function during subsequent pregnancy in women with a history of gestational hypertensive disorders. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 315, R587-R594. | 1.8 | 8         |
| 65 | Early onset neurocirculatory response to static handgrip is associated with greater blood pressure variability in women with posttraumatic stress disorder. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H49-H58.                | 3.2 | 8         |
| 66 | Low-dose ketamine affects blood pressure, but not muscle sympathetic nerve activity, during progressive central hypovolemia without altering tolerance. Journal of Physiology, 2020, 598, 5661-5672.  | 2.9 | 8         |
| 67 | Arterial stiffness during whole-body passive heat stress in healthy older adults. Physiological Reports, 2019, 7, e14094.   | 1.7 | 7         |
| 68 | Sex differences in cardiovascular autonomic control: introduction to the special issue. Clinical Autonomic Research, 2020, 30, 365-367.   | 2.5 | 7         |
| 69 | Salt intake impacts sympathetic neural control but not morning blood pressure surge in premenopausal women with a history of normal pregnancy. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H571-H581.                           | 3.2 | 7         |
| 70 | Evidence of Reduced Efferent Renal Sympathetic Innervation After Chemical Renal Denervation in Humans. American Journal of Hypertension, 2021, 34, 744-752.   | 2.0 | 7         |
| 71 | Broader adaptive range of sympathetic burst size in response to blood pressure change in older women with greater arterial stiffness. Journal of Physiology, 2020, 598, 3331-3341.  | 2.9 | 7         |
| 72 | Impact of oral contraceptives on sympathetic neural and cardiovascular responses during static handgrip to fatigue in healthy women. Clinical Autonomic Research, 2021, 31, 779-781.  | 2.5 | 7         |

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|----|---|-----|-----------|
| 73 | Syncope prevention in blood donors: when to do what?. <i>Transfusion</i> , 2016, 56, 2399-2402.   | 1.6 | 6         |
| 74 | Long-term effects of a renin inhibitor versus a thiazide diuretic on arterial stiffness and left ventricular diastolic function in elderly hypertensive patients. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 313, R400-R409. | 1.8 | 6         |
| 75 | Influence of multiparity on sympathetic nerve activity during normal pregnancy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H816-H819.  | 3.2 | 6         |
| 76 | Age, body mass index, and weight gain do not increase sympathetic activity during pregnancy. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020, 45, 1041-1044.   | 1.9 | 6         |
| 77 | Impaired sympathetic neural recruitment during exercise pressor reflex activation in women with post-traumatic stress disorder. <i>Clinical Autonomic Research</i> , 2022, 32, 115-129.   | 2.5 | 6         |
| 78 | Left ventricular remodeling and arterial afterload in older women with uncontrolled and controlled hypertension. <i>Menopause</i> , 2018, 25, 554-562.  | 2.0 | 5         |
| 79 | Augmented venoarteriolar response with ageing is associated with morning blood pressure surge. <i>Experimental Physiology</i> , 2018, 103, 1448-1455.   | 2.0 | 5         |
| 80 | Cerebral blood flow regulation and cognitive function in women with posttraumatic stress disorder. <i>Journal of Applied Physiology</i> , 2018, 125, 1627-1635.   | 2.5 | 4         |
| 81 | Reduced left ventricular diastolic function in women with posttraumatic stress disorder. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 317, R108-R112.  | 1.8 | 4         |
| 82 | The impact of 2 years of high-intensity exercise training on a model of integrated cardiovascular regulation. <i>Journal of Physiology</i> , 2019, 597, 419-429.  | 2.9 | 4         |
| 83 | Integrative Blood Pressure Response to Upright Tilt Post Renal Denervation. <i>American Journal of Hypertension</i> , 2017, 30, 632-641.  | 2.0 | 3         |
| 84 | Patients With Postural Orthostatic Tachycardia Syndrome (POTS) Have A Lower Level Of Fitness Compared To Healthy But Sedentary Females. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, S169.  | 0.4 | 2         |
| 85 | Effects of salt intake on sympathetic neural and pressor responses to cold pressor test in premenopausal women with a history of normal pregnancy. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R307-R316.                | 1.8 | 2         |
| 86 | Menstrual cycle effects on sympathetic neural burst amplitude distribution during orthostasis in young women. <i>Clinical Autonomic Research</i> , 2021, 31, 767-773.   | 2.5 | 2         |
| 87 | Sex, sex hormones and autonomic circulatory control. <i>Clinical Autonomic Research</i> , 2017, 27, 355-356.  | 2.5 | 1         |
| 88 | Women in clinical autonomic research and the autonomic societies: how far have we come in thirty years?. <i>Clinical Autonomic Research</i> , 2021, 31, 23-26.  | 2.5 | 1         |
| 89 | Impact of high-salt versus low-salt intake on the response of sympathetic baroreflex sensitivity to orthostasis in women with a history of normal pregnancy. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R260-R270.      | 1.8 | 1         |
| 90 | Changes in stroke volume directly alter carotid artery distortion during upright posture in humans. <i>FASEB Journal</i> , 2006, 20, .  | 0.5 | 1         |

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| 91  | Ventricular-arterial coupling and arterial baroreflex function in patients with heart failure and normal ejection fraction. <i>FASEB Journal</i> , 2006, 20, A1197.                  | 0.5 | 1         |
| 92  | Gender but not the menstrual cycle affects the cutaneous venoarteriolar response in humans. <i>FASEB Journal</i> , 2007, 21, A1370.  | 0.5 | 1         |
| 93  | Sympathetic Neural Activity During Early Pregnancy in Women with Prior Gestational Hypertension and Preeclampsia. <i>FASEB Journal</i> , 2015, 29, 830.6.                            | 0.5 | 1         |
| 94  | Impact of Maternal Obesity on Resting Muscle Sympathetic Nerve Activity during Normotensive Pregnancy. <i>FASEB Journal</i> , 2022, 36, .  | 0.5 | 1         |
| 95  | Neuro-humoral control during orthostasis in health and disease. <i>Frontiers in Physiology</i> , 2015, 5, 521.   | 2.8 | 0         |
| 96  | Cerebral hemodynamics after short and long-term reduction in blood pressure in mild and moderate hypertension. <i>FASEB Journal</i> , 2007, 21, A1362.                               | 0.5 | 0         |
| 97  | Vasomotor sympathetic neural responses during upright tilt in early human pregnancy. <i>FASEB Journal</i> , 2008, 22, 737.7.   | 0.5 | 0         |
| 98  | Norepinephrine release during orthostasis is similar in healthy individuals who are and are not susceptible to syncope. <i>FASEB Journal</i> , 2008, 22, 737.8.                      | 0.5 | 0         |
| 99  | Elderly women demonstrate an attenuated vasoconstrictive response during a cold pressor stimulus. <i>FASEB Journal</i> , 2010, 24, 594.2.  | 0.5 | 0         |
| 100 | Menstrual cycle and sympathetic neural activity in humans: A retrospective study. <i>FASEB Journal</i> , 2012, 26, 1091.41.  | 0.5 | 0         |
| 101 | Morning blood pressure surge is associated with arterial stiffness and sympathetic baroreflex sensitivity in elderly hypertensive patients. <i>FASEB Journal</i> , 2012, 26, 1092.8. | 0.5 | 0         |
| 102 | The effect of gender on sympathetic neural responses to cold pressor testing in hypertensive seniors. <i>FASEB Journal</i> , 2013, 27, 1118.1.                                       | 0.5 | 0         |
| 103 | Elderly blacks have a similar sympathetic neural responsiveness but greater pressor response to cold stress than elderly whites. <i>FASEB Journal</i> , 2013, 27, 1118.3.            | 0.5 | 0         |
| 104 | Long-term Effects of Aliskiren versus Hydrochlorothiazide on Left Ventricular Diastolic Function in Elderly Hypertensive Patients. <i>FASEB Journal</i> , 2013, 27, 1194.10.         | 0.5 | 0         |
| 105 | The relationship between muscle sympathetic nerve activity and hemodynamics in women taking oral contraceptive pills (875.2). <i>FASEB Journal</i> , 2014, 28, 875.2.                | 0.5 | 0         |
| 106 | Role of Corin in Neuro-Circulatory and Renal-Adrenal Control during Pregnancy in Humans. <i>FASEB Journal</i> , 2018, 32, 714.14.  | 0.5 | 0         |
| 107 | Augmented exercise pressor response during static handgrip in women with PTSD. <i>FASEB Journal</i> , 2018, 32, 725.1.   | 0.5 | 0         |
| 108 | Time course of changes in arterial and venous function during normal and hypertensive pregnancies in humans. <i>FASEB Journal</i> , 2018, 32, 911.11.                                | 0.5 | 0         |

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|-----|--|-----|-----------|
| 109 | Impaired Baroreflex Function during Rest and Graded Orthostasis in Women with PTSD. FASEB Journal, 2019, 33, .                             | 0.5 | 0         |
| 110 | Augmented Sympathetic Neural Activation in response to Static Handgrip during Early Pregnancy in Humans. FASEB Journal, 2020, 34, 1-1.     | 0.5 | 0         |
| 111 | Cardiovascular and Sympathetic Neural Responses to Cognitive Tasks in Women with Posttraumatic Stress Disorder. FASEB Journal, 2022, 36, . | 0.5 | 0         |