# David G Harrison

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 178 papers | 27,515 citations | 7568 77 h-index | 7160 153 g-index |
| 203 all docs | 203 docs citations | 203 times ranked | 23729 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Endothelial Dysfunction in Cardiovascular Diseases: The Role of Oxidant Stress. Circulation Research, 2000, 87, 840-844. | 4.5 | 3,329 |
| 2 | Role of the T cell in the genesis of angiotensin IIâ€“induced hypertension and vascular dysfunction. Journal of Experimental Medicine, 2007, 204, 2449-2460. | 8.5 | 1,468 |
| 3 | Oxidation of tetrahydrobiopterin leads to uncoupling of endothelial cell nitric oxide synthase in hypertension. Journal of Clinical Investigation, 2003, 111, 1201-1209. | 8.2 | 1,284 |
| 4 | Inflammation, Immunity, and Hypertension. Hypertension, 2011, 57, 132-140. | 2.7 | 718 |
| 5 | Endothelial Regulation of Vasomotion in ApoE-Deficient Mice. Circulation, 2001, 103, 1282-1288. | 1.6 | 683 |
| 6 | Oxidation of tetrahydrobiopterin leads to uncoupling of endothelial cell nitric oxide synthase in hypertension. Journal of Clinical Investigation, 2003, 111, 1201-1209. | 8.2 | 678 |
| 7 | Interleukin 17 Promotes Angiotensin IIâ€“Induced Hypertension and Vascular Dysfunction. Hypertension, 2010, 55, 500-507. | 2.7 | 662 |
| 8 | Role of Superoxide in Angiotensin IIâ€“Induced but Not Catecholamine-Induced Hypertension. Circulation, 1997, 95, 588-593. | 1.6 | 647 |
| 9 | Therapeutic Targeting of Mitochondrial Superoxide in Hypertension. Circulation Research, 2010, 107, 106-116. | 4.5 | 639 |
| 10 | The vascular NAD(P)H oxidases as therapeutic targets in cardiovascular diseases. Trends in Pharmacological Sciences, 2003, 24, 471-478. | 8.7 | 627 |
| 11 | Molecular Mechanisms of Angiotensin IIâ€“Mediated Mitochondrial Dysfunction. Circulation Research, 2008, 102, 488-496. | 4.5 | 616 |
| 12 | Role of NADH/NADPH Oxidaseâ€“Derived H<sub>2</sub>O<sub>2</sub>in Angiotensin IIâ€“Induced Vascular Hypertrophy. Hypertension, 1998, 32, 488-495. | 2.7 | 592 |
| 13 | Inflammation, Immunity, and Hypertensive End-Organ Damage. Circulation Research, 2015, 116, 1022-1033. | 4.5 | 554 |
| 14 | Role of p47 <sup> <i>phox</i> </sup> in Vascular Oxidative Stress and Hypertension Caused by Angiotensin II. Hypertension, 2002, 40, 511-515. | 2.7 | 533 |
| 15 | Measurement of Reactive Oxygen Species in Cardiovascular Studies. Hypertension, 2007, 49, 717-727. | 2.7 | 457 |
| 16 | Diabetes Mellitus Enhances Vascular Matrix Metalloproteinase Activity. Circulation Research, 2001, 88, 1291-1298. | 4.5 | 438 |
| 17 | Expression of Multiple Isoforms of Nitric Oxide Synthase in Normal and Atherosclerotic Vessels. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 2479-2488. | 2.4 | 426 |
| 18 | p22phox mRNA Expression and NADPH Oxidase Activity Are Increased in Aortas From Hypertensive Rats. Circulation Research, 1997, 80, 45-51. | 4.5 | 423 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The glycolytic enzyme PKM2 bridges metabolic and inflammatory dysfunction in coronary artery disease. Journal of Experimental Medicine, 2016, 213, 337-354. | 8.5 | 403 |
| 20 | DC isoketal-modified proteins activate T cells and promote hypertension. Journal of Clinical Investigation, 2014, 124, 4642-4656. | 8.2 | 400 |
| 21 | Transcriptional and Posttranscriptional Regulation of Endothelial Nitric Oxide Synthase Expression by Hydrogen Peroxide. Circulation Research, 2000, 86, 347-354. | 4.5 | 383 |
| 22 | Immune cells control skin lymphatic electrolyte homeostasis and blood pressure. Journal of Clinical Investigation, 2013, 123, 2803-2815. | 8.2 | 338 |
| 23 | Redox Mechanisms in Blood Vessels. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 274-278. | 2.4 | 309 |
| 24 | The role of infiltrating immune cells in dysfunctional adipose tissue. Cardiovascular Research, 2017, 113, 1009-1023. | 3.8 | 302 |
| 25 | The immunology of hypertension. Journal of Experimental Medicine, 2018, 215, 21-33. | 8.5 | 286 |
| 26 | Oxidative Stress and Hypertension. Medical Clinics of North America, 2009, 93, 621-635. | 2.5 | 285 |
| 27 | Central and Peripheral Mechanisms of T-Lymphocyte Activation and Vascular Inflammation Produced by Angiotensin IIâ€"Induced Hypertension. Circulation Research, 2010, 107, 263-270. | 4.5 | 280 |
| 28 | Calcium-Dependent NOX5 Nicotinamide Adenine Dinucleotide Phosphate Oxidase Contributes to Vascular Oxidative Stress in Human Coronary Artery Disease. Journal of the American College of Cardiology, 2008, 52, 1803-1809. | 2.8 | 249 |
| 29 | Inhibition and Genetic Ablation of the B7/CD28 T-Cell Costimulation Axis Prevents Experimental Hypertension. Circulation, 2010, 122, 2529-2537. | 1.6 | 249 |
| 30 | Nox2-Induced Production of Mitochondrial Superoxide in Angiotensin II-Mediated Endothelial Oxidative Stress and Hypertension. Antioxidants and Redox Signaling, 2014, 20, 281-294. | 5.4 | 248 |
| 31 | Mechanisms of VEGF (Vascular Endothelial Growth Factor) Inhibitorâ€"Associated Hypertension and Vascular Disease. Hypertension, 2018, 71, e1-e8. | 2.7 | 224 |
| 32 | Inflammation and Mechanical Stretch Promote Aortic Stiffening in Hypertension Through Activation of p38 Mitogen-Activated Protein Kinase. Circulation Research, 2014, 114, 616-625. | 4.5 | 200 |
| 33 | Sirt3 Impairment and SOD2 Hyperacetylation in Vascular Oxidative Stress and Hypertension. Circulation Research, 2017, 121, 564-574. | 4.5 | 195 |
| 34 | Mitochondrial Deacetylase Sirt3 Reduces Vascular Dysfunction and Hypertension While Sirt3 Depletion in Essential Hypertension Is Linked to Vascular Inflammation and Oxidative Stress. Circulation Research, 2020, 126, 439-452. | 4.5 | 195 |
| 35 | Inflammation in Hypertension. Canadian Journal of Cardiology, 2020, 36, 635-647. | 1.7 | 194 |
| 36 | Activation of Human T Cells in Hypertension. Hypertension, 2016, 68, 123-132. | 2.7 | 191 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Renal Denervation Prevents Immune Cell Activation and Renal Inflammation in Angiotensin IIâ€"Induced Hypertension. Circulation Research, 2015, 117, 547-557. | 4.5 | 189 |
| 38 | Oligoclonal CD8 <sup>+</sup> T Cells Play a Critical Role in the Development of Hypertension. Hypertension, 2014, 64, 1108-1115. | 2.7 | 185 |
| 39 | Role of chemokine RANTES in the regulation of perivascular inflammation, Tâ€cell accumulation, and vascular dysfunction in hypertension. FASEB Journal, 2016, 30, 1987-1999. | 0.5 | 185 |
| 40 | Dendritic Cell Amiloride-Sensitive Channels Mediate Sodium-Induced Inflammation and Hypertension. Cell Reports, 2017, 21, 1009-1020. | 6.4 | 185 |
| 41 | Akt-Dependent Phosphorylation of Serine 1179 and Mitogen-Activated Protein Kinase Kinase/Extracellular Signal-Regulated Kinase 1/2 Cooperatively Mediate Activation of the Endothelial Nitric-Oxide Synthase by Hydrogen Peroxide. Molecular Pharmacology, 2003, 63, 325-331. | 2.3 | 178 |
| 42 | Immune activation caused by vascular oxidation promotes fibrosis and hypertension. Journal of Clinical Investigation, 2015, 126, 50-67. | 8.2 | 170 |
| 43 | Endothelial Function and Oxidant Stress. Clinical Cardiology, 1997, 20, II-11. | 1.8 | 168 |
| 44 | Molecular Regulation of the Bovine Endothelial Cell Nitric Oxide Synthase by Transforming Growth Factorâ€"Î² <sub>1</sub>. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 15, 1255-1261. | 2.4 | 168 |
| 45 | Renal Transporter Activation During Angiotensin-II Hypertension is Blunted in Interferon-Î³ <sup>â^'/â^'</sup> and Interleukin-17A <sup>â^'/â^'</sup> Mice. Hypertension, 2015, 65, 569-576. | 2.7 | 166 |
| 46 | NAD(P)H Oxidase-derived Hydrogen Peroxide Mediates Endothelial Nitric Oxide Production in Response to Angiotensin II. Journal of Biological Chemistry, 2002, 277, 48311-48317. | 3.4 | 164 |
| 47 | Endothelial function in cardiovascular medicine: a consensus paper of the European Society of Cardiology Working Groups on Atherosclerosis and Vascular Biology, Aorta and Peripheral Vascular Diseases, Coronary Pathophysiology and Microcirculation, and Thrombosis. Cardiovascular Research, 2021, 117, 29-42. | 3.8 | 164 |
| 48 | Upregulation of Nox1 in vascular smooth muscle leads to impaired endothelium-dependent relaxation via eNOS uncoupling. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H673-H679. | 3.2 | 157 |
| 49 | Immune Mechanisms in Arterial Hypertension. Journal of the American Society of Nephrology: JASN, 2016, 27, 677-686. | 6.1 | 157 |
| 50 | Induction of Hypertension and Peripheral Inflammation by Reduction of Extracellular Superoxide Dismutase in the Central Nervous System. Hypertension, 2010, 55, 277-283. | 2.7 | 154 |
| 51 | High salt intake reprioritizes osmolyte and energy metabolism for body fluid conservation. Journal of Clinical Investigation, 2017, 127, 1944-1959. | 8.2 | 153 |
| 52 | Increased Superoxide in Heart Failure. Circulation, 1999, 100, 216-218. | 1.6 | 152 |
| 53 | Vascular Inflammatory Cells in Hypertension. Frontiers in Physiology, 2012, 3, 128. | 2.8 | 146 |
| 54 | Induction of Endothelial NO Synthase by Hydrogen Peroxide via a Ca <sup>2+</sup> /Calmodulin-Dependent Protein Kinase II/Janus Kinase 2â€"Dependent Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 1571-1576. | 2.4 | 145 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Dual Role of Reactive Oxygen Species in Vascular Growth. Circulation Research, 1999, 85, 562-563. | 4.5 | 138 |
| 56 | Role of the adaptive immune system in hypertension. Current Opinion in Pharmacology, 2010, 10, 203-207. | 3.5 | 137 |
| 57 | Central Artery Stiffness in Hypertension and Aging. Circulation Research, 2016, 118, 379-381. | 4.5 | 137 |
| 58 | Dysfunctional Regulation of Endothelial Nitric Oxide Synthase (eNOS) Expression in Response to Exercise in Mice Lacking One eNOS Gene. Circulation, 2001, 103, 2839-2844. | 1.6 | 132 |
| 59 | CD70 Exacerbates Blood Pressure Elevation and Renal Damage in Response to Repeated Hypertensive Stimuli. Circulation Research, 2016, 118, 1233-1243. | 4.5 | 128 |
| 60 | Lymphocyte adaptor protein LNK deficiency exacerbates hypertension and end-organ inflammation. Journal of Clinical Investigation, 2015, 125, 1189-1202. | 8.2 | 128 |
| 61 | Oxidative Stress and Hypertensive Diseases. Medical Clinics of North America, 2017, 101, 169-193. | 2.5 | 122 |
| 62 | Hypertension and increased endothelial mechanical stretch promote monocyte differentiation and activation: roles of STAT3, interleukin 6 and hydrogen peroxide. Cardiovascular Research, 2018, 114, 1547-1563. | 3.8 | 121 |
| 63 | Bone Morphogenic Protein-4 Induces Hypertension in Mice. Circulation, 2006, 113, 2818-2825. | 1.6 | 117 |
| 64 | Role of Vascular Oxidative Stress in Obesity and Metabolic Syndrome. Diabetes, 2014, 63, 2344-2355. | 0.6 | 116 |
| 65 | Tobacco smoking induces cardiovascular mitochondrial oxidative stress, promotes endothelial dysfunction, and enhances hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H639-H646. | 3.2 | 116 |
| 66 | The Role of the Multidrug Resistance Protein-1 in Modulation of Endothelial Cell Oxidative Stress. Circulation Research, 2005, 97, 637-644. | 4.5 | 114 |
| 67 | Pathophysiology of Hypertension. Circulation Research, 2021, 128, 847-863. | 4.5 | 112 |
| 68 | Integrative network analysis reveals molecular mechanisms of blood pressure regulation. Molecular Systems Biology, 2015, 11, 799. | 7.2 | 102 |
| 69 | Superoxide Production, Risk Factors, and Endothelium-Dependent Relaxations in Human Internal Mammary Arteries. Circulation, 1999, 99, 53-59. | 1.6 | 98 |
| 70 | Oxidative stress and hypertension. Journal of the American Society of Hypertension, 2007, 1, 30-44. | 2.3 | 97 |
| 71 | Oxidant Stress as a Marker for Cardiovascular Events. Circulation, 2001, 104, 2638-2640. | 1.6 | 97 |
| 72 | Evidence for a Causal Role of the Renin-Angiotensin System in Nitrate Tolerance. Circulation, 1999, 99, 3181-3187. | 1.6 | 96 |

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|---|---|---|---|
| 73 | Role of the NADPH Oxidases in the Subfornical Organ in Angiotensin IIâ€“Induced Hypertension. Hypertension, 2013, 61, 382-387. | 2.7 | 95 |
| 74 | High Salt Activates CD11c <sup>+</sup> Antigen-Presenting Cells via SGK (Serum Glucocorticoid) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 555-563. | 2.7 | 94 |
| 75 | Excessive Adventitial Remodeling Leads to Early Aortic Maladaptation in Angiotensin-Induced Hypertension. Hypertension, 2016, 67, 890-896. | 2.7 | 93 |
| 76 | Oxidative stress and vascular damage in hypertension. Coronary Artery Disease, 2001, 12, 455-461. | 0.7 | 92 |
| 77 | Angiotensin II-induced hypertrophy is potentiated in mice overexpressing p22phox in vascular smooth muscle. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H37-H42. | 3.2 | 90 |
| 78 | Role of the Multidrug Resistance Protein-1 in Hypertension and Vascular Dysfunction Caused by Angiotensin II. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 762-768. | 2.4 | 86 |
| 79 | A salt-sensing kinase in T lymphocytes, SGK1, drives hypertension and hypertensive end-organ damage. JCI Insight, 2017, 2, . | 5.0 | 86 |
| 80 | T Lymphocytes and Vascular Inflammation Contribute to Stress-Dependent Hypertension. Biological Psychiatry, 2012, 71, 774-782. | 1.3 | 78 |
| 81 | Hemodynamic and biochemical adaptations to vascular smooth muscle overexpression of p22phox in mice. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H7-H12. | 3.2 | 77 |
| 82 | Pyruvate controls the checkpoint inhibitor PD-L1 and suppresses T cell immunity. Journal of Clinical Investigation, 2017, 127, 2725-2738. | 8.2 | 75 |
| 83 | The Mosaic Theory revisited: common molecular mechanisms coordinating diverse organ and cellular events in hypertension. Journal of the American Society of Hypertension, 2013, 7, 68-74. | 2.3 | 74 |
| 84 | Myeloid Suppressor Cells Accumulate and Regulate Blood Pressure in Hypertension. Circulation Research, 2015, 117, 858-869. | 4.5 | 73 |
| 85 | Posttranscriptional Regulation of Endothelial Nitric Oxide Synthase During Cell Growth. Circulation Research, 1999, 85, 588-595. | 4.5 | 72 |
| 86 | Is hypertension an immunologic disease?. Current Cardiology Reports, 2008, 10, 464-469. | 2.9 | 72 |
| 87 | Effects of Interleukin-1Î² Inhibition on Blood Pressure, Incident Hypertension, and Residual Inflammatory Risk. Hypertension, 2020, 75, 477-482. | 2.7 | 69 |
| 88 | Mitochondrial Cyclophilin D in Vascular Oxidative Stress and Hypertension. Hypertension, 2016, 67, 1218-1227. | 2.7 | 65 |
| 89 | Origin of Matrix-Producing Cells That Contribute to Aortic Fibrosis in Hypertension. Hypertension, 2016, 67, 461-468. | 2.7 | 65 |
| 90 | Effects of shear on endothelial cell calcium in the presence and absence of ATP. FASEB Journal, 1995, 9, 968-973. | 0.5 | 61 |

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|---|---|---|---|
| 91 | Evidence for a role of oxygen-derived free radicals and protein kinase C in nitrate tolerance. Journal of Molecular Medicine, 1997, 75, 891-900. | 3.9 | 61 |
| 92 | Glucose metabolism controls disease-specific signatures of macrophage effector functions. JCI Insight, 2018, 3, . | 5.0 | 60 |
| 93 | Endothelial control of vasomotion and nitric oxide production. Cardiology Clinics, 2003, 21, 289-302. | 2.2 | 58 |
| 94 | Tetrahydrobiopterin Deficiency and Nitric Oxide Synthase Uncoupling Contribute to Atherosclerosis Induced by Disturbed Flow. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1547-1554. | 2.4 | 50 |
| 95 | Out, damned dot: studies of the NAD(P)H oxidase in atherosclerosis. Journal of Clinical Investigation, 2001, 108, 1423-1424. | 8.2 | 44 |
| 96 | Sodium activates human monocytes via the NADPH oxidase and isolevuglandin formation. Cardiovascular Research, 2021, 117, 1358-1371. | 3.8 | 41 |
| 97 | BMP Antagonist Gremlin 2 Limits Inflammation After Myocardial Infarction. Circulation Research, 2016, 119, 434-449. | 4.5 | 40 |
| 98 | Selective depletion of vascular EC-SOD augments chronic hypoxic pulmonary hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L868-L876. | 2.9 | 38 |
| 99 | Reactive oxygen species and the control of vasomotor tone. Current Hypertension Reports, 1999, 1, 102-108. | 3.5 | 37 |
| 100 | Regulation of Endothelial Cell Tetrahydrobiopterin. Advances in Pharmacology, 2010, 60, 107-132. | 2.0 | 35 |
| 101 | Th1â€type immune responses to <i>Porphyromonas gingivalis</i> antigens exacerbate angiotensin IIâ€dependent hypertension and vascular dysfunction. British Journal of Pharmacology, 2019, 176, 1922-1931. | 5.4 | 35 |
| 102 | Novel methods for microCT-based analyses of vasculature in the renal cortex reveal a loss of perfusable arterioles and glomeruli in eNOS-/- mice. BMC Nephrology, 2016, 17, 24. | 1.8 | 33 |
| 103 | Isolevuglandin-Modified Cardiac Proteins Drive CD4+ T-Cell Activation in the Heart and Promote Cardiac Dysfunction. Circulation, 2021, 143, 1242-1255. | 1.6 | 33 |
| 104 | Association of T Cell and Macrophage Activation with Arterial Vascular Health in HIV. AIDS Research and Human Retroviruses, 2017, 33, 181-186. | 1.1 | 32 |
| 105 | Memories that last in hypertension. American Journal of Physiology - Renal Physiology, 2015, 308, F1197-F1199. | 2.7 | 31 |
| 106 | Stressâ€dependent hypertension and the role of T lymphocytes. Experimental Physiology, 2012, 97, 1161-1167. | 2.0 | 30 |
| 107 | A call to action for new global approaches to cardiovascular disease drug solutions. European Heart Journal, 2021, 42, 1464-1475. | 2.2 | 29 |
| 108 | Role of Increased Guanosine Triphosphate Cyclohydrolase-1 Expression and Tetrahydrobiopterin Levels upon T Cell Activation. Journal of Biological Chemistry, 2011, 286, 13846-13851. | 3.4 | 27 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Phage-Display-Guided Nanocarrier Targeting to Atheroprone Vasculature. ACS Nano, 2015, 9, 4435-4446. | 14.6 | 27 |
| 110 | Reactive species balance via GTP cyclohydrolase I regulates glioblastoma growth and tumor initiating cell maintenance. Neuro-Oncology, 2018, 20, 1055-1067. | 1.2 | 27 |
| 111 | Isolevuglandins as mediators of disease and the development of dicarbonyl scavengers as pharmaceutical interventions. , 2020, 205, 107418. | | 27 |
| 112 | Tissue sodium stores in peritoneal dialysis and hemodialysis patients determined by sodium-23 magnetic resonance imaging. Nephrology Dialysis Transplantation, 2021, 36, 1307-1317. | 0.7 | 27 |
| 113 | Do high-salt microenvironments drive hypertensive inflammation?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 312, R1-R4. | 1.8 | 25 |
| 114 | Therapeutic targeting of inflammation in hypertension: from novel mechanisms to translational perspective. Cardiovascular Research, 2021, 117, 2589-2609. | 3.8 | 25 |
| 115 | Report of the National Heart, Lung, and Blood Institute Working Group on Hypertension. Hypertension, 2020, 75, 902-917. | 2.7 | 24 |
| 116 | Sympathetic Enhancement of Memory T-Cell Homing and Hypertension Sensitization. Circulation Research, 2020, 126, 708-721. | 4.5 | 23 |
| 117 | Innate immunity and clinical hypertension. Journal of Human Hypertension, 2022, 36, 503-509. | 2.2 | 20 |
| 118 | Growth Arrest Specific-6 and Axl Coordinate Inflammation and Hypertension. Circulation Research, 2021, 129, 975-991. | 4.5 | 19 |
| 119 | A Call to Action for New Global Approaches to Cardiovascular Disease Drug Solutions. Circulation, 2021, 144, 159-169. | 1.6 | 18 |
| 120 | Mitochondrial Isolevuglandins Contribute to Vascular Oxidative Stress and Mitochondria-Targeted Scavenger of Isolevuglandins Reduces Mitochondrial Dysfunction and Hypertension. Hypertension, 2020, 76, 1980-1991. | 2.7 | 17 |
| 121 | Highly Reactive Isolevuglandins Promote Atrial Fibrillation Caused by Hypertension. JACC Basic To Translational Science, 2020, 5, 602-615. | 4.1 | 17 |
| 122 | Modulation of Endothelial Cell Nitric Oxide Synthase Expression. Japanese Circulation Journal, 1996, 60, 815-821. | 1.0 | 15 |
| 123 | Central EP3 (E Prostanoid 3) Receptors Mediate Salt-Sensitive Hypertension and Immune Activation. Hypertension, 2019, 74, 1507-1515. | 2.7 | 15 |
| 124 | Isolevuglandins disrupt PU.1-mediated C1q expression and promote autoimmunity and hypertension in systemic lupus erythematosus. JCI Insight, 2022, 7, . | 5.0 | 15 |
| 125 | Solving Baroreceptor Mystery: Role of PIEZO Ion Channels. Journal of the American Society of Nephrology: JASN, 2019, 30, 911-913. | 6.1 | 14 |
| 126 | From Rags to Riches. Hypertension, 2020, 75, 930-934. | 2.7 | 13 |

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|---|---|---|---|
| 127 | Can vitamin E prevent cardiovascular events and cancer?. Nature Clinical Practice Cardiovascular Medicine, 2005, 2, 510-511. | 3.3 | 12 |
| 128 | Markers or Makers. Hypertension, 2019, 73, 767-769. | 2.7 | 12 |
| 129 | NOX5 as a therapeutic target in cerebral ischemic injury. Journal of Clinical Investigation, 2019, 129, 1530-1532. | 8.2 | 12 |
| 130 | GTP Cyclohydrolase I Gene Polymorphisms Are Associated with Endothelial Dysfunction and Oxidative Stress in Patients with Type 2 Diabetes Mellitus. PLoS ONE, 2014, 9, e108587. | 2.5 | 11 |
| 131 | Is Hypertension a Bone Marrow Disease?. Circulation, 2016, 134, 1369-1372. | 1.6 | 11 |
| 132 | Oxidative stress induces BH4 deficiency in male, but not female, SHR. Bioscience Reports, 2018, 38, . | 2.4 | 11 |
| 133 | Breast cancer chemotherapy induces vascular dysfunction and hypertension through a NOX4-dependent mechanism. Journal of Clinical Investigation, 2022, 132, . | 8.2 | 11 |
| 134 | Basic science. Journal of the American Society of Hypertension, 2014, 8, 601-603. | 2.3 | 10 |
| 135 | A New Role of Mister (MR) T in Hypertension. Circulation Research, 2017, 120, 1527-1529. | 4.5 | 10 |
| 136 | What matters in Cardiovascular Research? Scientific discovery driving clinical delivery. Cardiovascular Research, 2018, 114, 1565-1568. | 3.8 | 10 |
| 137 | Anticytomegalovirus CD4 + T Cells Are Associated With Subclinical Atherosclerosis in Persons With HIV. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1459-1473. | 2.4 | 7 |
| 138 | Tissue Sodium in Patients With Early Stage Hypertension: A Randomized Controlled Trial. Journal of the American Heart Association, 2022, 11, e022723. | 3.7 | 7 |
| 139 | IsoLGs (Isolevuglandins) Drive Neutrophil Migration in Hypertension and Are Essential for the Formation of Neutrophil Extracellular Traps. Hypertension, 2022, 79, 1644-1655. | 2.7 | 7 |
| 140 | Enhanced Hype. American Journal of Cardiology, 2008, 102, 368-369. | 1.6 | 5 |
| 141 | Hypertension and osteoporosis: Common pathophysiological mechanisms. Medicine in Novel Technology and Devices, 2020, 8, 100047. | 1.6 | 5 |
| 142 | A New Look At the Mosaic Theory of Hypertension. Canadian Journal of Cardiology, 2020, 36, 591-592. | 1.7 | 5 |
| 143 | IL-17A is associated with flow-mediated dilation and IL-4 with carotid plaque in persons with HIV. Aids, 2022, Publish Ahead of Print, . | 2.2 | 5 |
| 144 | Nocturnal noise knocks NOS by Nox: mechanisms underlying cardiovascular dysfunction in response to noise pollution. European Heart Journal, 2018, 39, 3540-3542. | 2.2 | 4 |

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|---|---|---|---|
| 145 | E-vaporating benefits of e-vaping. European Heart Journal, 2020, 41, 2484-2486. | 2.2 | 4 |
| 146 | Scientists on the Spot: Inflammation and translational researchâ€"what have we learned from the CIRT trial?. Cardiovascular Research, 2019, 115, e44-e45. | 3.8 | 3 |
| 147 | New insight sheds light as to how nitrite might reduce blood pressure height: is this alright?. Cardiovascular Research, 2020, 116, 1-3. | 3.8 | 3 |
| 148 | Peer-Based Anatomy Tutoring for First-Year Medical Students: an Analysis of Peer-Tutoring from the Tutorsâ€™ Perspective. Medical Science Educator, 2017, 27, 57-61. | 1.5 | 2 |
| 149 | A T-Cell Small RNA With miRacle Effects on Aortic Stiffening. Circulation Research, 2020, 126, 1004-1006. | 4.5 | 2 |
| 150 | Rapid and Specific Measurements of Superoxide Using Fluorescence Spectroscopy. FASEB Journal, 2012, 26, 578.3. | 0.5 | 2 |
| 151 | Mitochondrial superoxide in proâ€hypertensive Tâ€cell activation. FASEB Journal, 2013, 27, 906.8. | 0.5 | 1 |
| 152 | CD70 Modulates the Role of eNOS In Endothelial Cells. FASEB Journal, 2018, 32, 845.7. | 0.5 | 1 |
| 153 | A Message to the Hypertension Community Regarding the Ukraine Crisis. Hypertension, 2022, , . | 2.7 | 1 |
| 154 | The nerve of the spleen! Causing hypertension by placental growth factor. Cardiovascular Research, 2018, 114, 356-357. | 3.8 | 0 |
| 155 | Ronald G. Victor. Hypertension, 2019, 73, 13-14. | 2.7 | 0 |
| 156 | Deacetylation mimetic of mitochondrial cyclophilin D CypDâ€K166R mutant mice are protected from inflammation, oxidative stress, endothelial dysfunction and hypertension. FASEB Journal, 2021, 35, . | 0.5 | 0 |
| 157 | Endothelial deficiency of sepiapterin reductase in hypertension and its impact on sepiapterin as an eNOSâ€recoupling agent. FASEB Journal, 2006, 20, A652. | 0.5 | 0 |
| 158 | Importance of the chemokine RANTES in the development of angiotensin IIâ€induced hypertension and vascular dysfunction. FASEB Journal, 2008, 22, 1210.8. | 0.5 | 0 |
| 159 | Inhibition of T cell Costimulation Prevents the Development of Hypertension. FASEB Journal, 2010, 24, 983.1. | 0.5 | 0 |
| 160 | Monitoring GTPCHâ€1 Interaction with GFRP Using Timeâ€Resolved Fluorescence Resonance Energy Transfer. FASEB Journal, 2010, 24, 871.3. | 0.5 | 0 |
| 161 | Interleukin 17 promotes atherosclerosis and protects against aneurysmal rupture. FASEB Journal, 2010, 24, 589.8. | 0.5 | 0 |
| 162 | Oral Tetrahydrobiopterin Treatment Prevents Accelerated Atherosclerosis Caused by Oscillatory Shear Stress. FASEB Journal, 2010, 24, lb565. | 0.5 | 0 |

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|---|---|---|---|
| 163 | Superoxide production in the medullary thick ascending limb modulates blood pressure. FASEB Journal, 2010, 24, 792.5. | 0.5 | 0 |
| 164 | Stimulation of GTP Cyclohydrolase I by Phosphorylation Upon T Cell Activation. FASEB Journal, 2010, 24, lb187. | 0.5 | 0 |
| 165 | Alterations of T cell receptor Vβ chain usage in angiotensin IIinduced hypertension. FASEB Journal, 2012, 26, 879.3. | 0.5 | 0 |
| 166 | Creating of GTP Cyclohydrolaseâ€1 Knock in Mouse. FASEB Journal, 2012, 26, lb642. | 0.5 | 0 |
| 167 | Thick Ascending Limbâ€Specific NOS1 Knockout Reduces Urinary Osmolality in Type 1 Diabetes. FASEB Journal, 2013, 27, 910.12. | 0.5 | 0 |
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