

George W Booz

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,773
citations

279798

23
h-index

189892

50
g-index

120
all docs

120
docs citations

120
times ranked

5111
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of ranolazine in heart failure: From cellular to clinic perspective. <i>European Journal of Pharmacology</i> , 2022, 919, 174787.	3.5	14
2	What Role do Mitochondria Have in Diastolic Dysfunction? Implications for Diabetic Cardiomyopathy and Heart Failure With Preserved Ejection Function. <i>Journal of Cardiovascular Pharmacology</i> , 2022, 79, 399-406.	1.9	5
3	Editorial: Immunomodulatory Approaches in Cardiovascular Diseases. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 873452.	2.4	2
4	Early cardiac-chamber-specific fingerprints in heart failure with preserved ejection fraction detected by FTIR and Raman spectroscopic techniques. <i>Scientific Reports</i> , 2022, 12, 3440.	3.3	11
5	Sex differences in cardiac remodeling post myocardial infarction with acute cigarette smoking. <i>Biology of Sex Differences</i> , 2022, 13, .	4.1	5
6	Science unites a troubled world: Lessons from the pandemic. <i>European Journal of Pharmacology</i> , 2021, 890, 173696.	3.5	1
7	Nicotinamide adenine dinucleotide: Biosynthesis, consumption and therapeutic role in cardiac diseases. <i>Acta Physiologica</i> , 2021, 231, e13551.	3.8	34
8	The Role of Mitochondrial Dysfunction in Preeclampsia: Causative Factor or Collateral Damage?. <i>American Journal of Hypertension</i> , 2021, 34, 442-452.	2.0	19
9	Novel Mechanistic Insights and Potential Therapeutic Impact of TRPC6 in Neurovascular Coupling and Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2074.	4.1	32
10	The Angiotensin II Type 1(AT1) Receptor and Cardiac Hypertrophy: Did We Have It Wrong All Along?. <i>Journal of Cardiovascular Pharmacology</i> , 2021, 77, 531-535.	1.9	3
11	Aging diabetes, deconstructing the cerebrovascular wall. <i>Aging</i> , 2021, 13, 9158-9159.	3.1	11
12	Distorted assessment of left atrial size by echocardiography in patients with increased aortic root diameter. <i>Egyptian Heart Journal</i> , 2021, 73, 55.	1.2	0
13	Recent Insights Into the Protective Mechanisms of Paeoniflorin in Neurological, Cardiovascular, and Renal Diseases. <i>Journal of Cardiovascular Pharmacology</i> , 2021, 77, 728-734.	1.9	20
14	Atrial Natriuretic Peptide31â€™67: A Novel Therapeutic Factor for Cardiovascular Diseases. <i>Frontiers in Physiology</i> , 2021, 12, 691407.	2.8	6
15	Unravelling the impact of intrauterine growth restriction on heart development: insights into mitochondria and sexual dimorphism from a non-hominoid primate. <i>Clinical Science</i> , 2021, 135, 1767-1772.	4.3	3
16	Interferon Î³ neutralization reduces blood pressure, uterine artery resistance index, and placental oxidative stress in placental ischemic rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R112-R124.	1.8	7
17	Insights into the modulation of the interferon response and NAD+ in the context of COVID-19. <i>International Reviews of Immunology</i> , 2021, , 1-11.	3.3	7
18	Angiotensin II type 1 receptor agonistic autoantibody blockade improves postpartum hypertension and cardiac mitochondrial function in rat model of preeclampsia. <i>Biology of Sex Differences</i> , 2021, 12, 58.	4.1	9

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19	Spatiotemporal Dynamics of Immune Cells in Early Left Ventricular Remodeling After Acute Myocardial Infarction in Mice. <i>Journal of Cardiovascular Pharmacology</i> , 2020, 75, 112-122.	1.9	4
20	Angiotensin II type 1 receptor autoantibody blockade improves cerebral blood flow autoregulation and hypertension in a preclinical model of preeclampsia. <i>Hypertension in Pregnancy</i> , 2020, 39, 451-460.	1.1	7
21	A Mutation in $\hat{1}^3$ -Adducin Impairs Autoregulation of Renal Blood Flow and Promotes the Development of Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 687-700.	6.1	23
22	Untangling the Interplay Between Mitochondrial Fission and NF- $\hat{1}^B$ Signaling in Endothelial Inflammation. <i>Hypertension</i> , 2020, 76, 23-25.	2.7	6
23	Deciphering the Dynamics and Therapeutic Potential of the Cardiac cGMP Cascade: An Update on Where We Are and What We Need to Know. <i>Journal of Cardiovascular Pharmacology</i> , 2020, 75, 368-369.	1.9	0
24	Impact of the Renin- $\hat{1}^A$ -Angiotensin System on the Endothelium in Vascular Dementia: Unresolved Issues and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4268.	4.1	16
25	Cardioprotective Effects of the Novel Compound Vastiras in a Preclinical Model of End-Organ Damage. <i>Hypertension</i> , 2020, 75, 1195-1204.	2.7	11
26	Accelerated cerebral vascular injury in diabetes is associated with vascular smooth muscle cell dysfunction. <i>GeroScience</i> , 2020, 42, 547-561.	4.6	41
27	Gender- $\hat{1}^B$ biased kidney damage in mice following exposure to tobacco cigarette smoke: More protection in premenopausal females. <i>Physiological Reports</i> , 2020, 8, e14339.	1.7	4
28	Levosimendan Comes of Age: 20 Years of Clinical Use. <i>Journal of Cardiovascular Pharmacology</i> , 2020, 76, 1-3.	1.9	4
29	Sex-based differences in myocardial infarction-induced kidney damage following cigarette smoking exposure: more renal protection in premenopausal female mice. <i>Bioscience Reports</i> , 2020, 40, .	2.4	5
30	Targeting mitochondria to protect the heart: a matter of balance?. <i>Clinical Science</i> , 2020, 134, 885-888.	4.3	4
31	IL-33 induces type-2-cytokine phenotype but exacerbates cardiac remodeling post-myocardial infarction with eosinophil recruitment, worsened systolic dysfunction, and ventricular wall rupture. <i>Clinical Science</i> , 2020, 134, 1191-1218.	4.3	15
32	Angiotensin II Type I Receptor Agonistic Autoantibody Blockade Improves Cerebral Blood Flow Autoregulation, Blood Brain Barrier Permeability, and Hypertension in the Pre- $\hat{1}^A$ Clinical Rat Model of Preeclampsia. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
33	An Update on the Multifaceted Roles of STAT3 in the Heart. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 150.	2.4	81
34	Conflicting Roles of 20-HETE in Hypertension and Stroke. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4500.	4.1	32
35	Editorial: Cardiac Microvascular Endothelium Contribution to Cardiac Myocyte Growth, Structure, and Contractile Function. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 130.	2.4	4
36	STAT3 and Endothelial Cell- $\hat{1}^A$ Cardiomyocyte Dialog in Cardiac Remodeling. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 50.	2.4	21

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37	Critical appraisal of STAT3 pattern in adult cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 131, 91-100.	1.9	11
38	Seizing the Future: What's Next for the Journal of Cardiovascular Pharmacology?. <i>Journal of Cardiovascular Pharmacology</i> , 2019, 73, 1-2.	1.9	0
39	Cardiovascular Pharmacology of the NLRP3 Inflammasome. <i>Journal of Cardiovascular Pharmacology</i> , 2019, 74, 173-174.	1.9	1
40	Hypertension-Induced Renal Injury is Associated with Impaired Glomerular Barrier Function Involving Podocyte Dysfunction. <i>FASEB Journal</i> , 2019, 33, 573.9.	0.5	0
41	Direct cardiovascular impact of SGLT2 inhibitors: mechanisms and effects. <i>Heart Failure Reviews</i> , 2018, 23, 419-437.	3.9	79
42	Inflammation and renal fibrosis: Recent developments on key signaling molecules as potential therapeutic targets. <i>European Journal of Pharmacology</i> , 2018, 820, 65-76.	3.5	219
43	Therapeutic potential of microRNAs for the treatment of renal fibrosis and CKD. <i>Physiological Genomics</i> , 2018, 50, 20-34.	2.3	74
44	A Few Initial Thoughts on Receiving the Baton. <i>Journal of Cardiovascular Pharmacology</i> , 2018, 72, 2.	1.9	1
45	Recent Developments on the Crosstalk Between STAT3 and Inflammation in Heart Function and Disease. <i>Frontiers in Immunology</i> , 2018, 9, 3029.	4.8	49
46	IL-33 (Interleukin 33)/sST2 Axis in Hypertension and Heart Failure. <i>Hypertension</i> , 2018, 72, 818-828.	2.7	44
47	Conflicting vascular and metabolic impact of the IL-33/sST2 axis. <i>Cardiovascular Research</i> , 2018, 114, 1578-1594.	3.8	96
48	Targeting vascular inflammation in ischemic stroke: Recent developments on novel immunomodulatory approaches. <i>European Journal of Pharmacology</i> , 2018, 833, 531-544.	3.5	96
49	Oxidative Stress and Renal Fibrosis: Recent Insights for the Development of Novel Therapeutic Strategies. <i>Frontiers in Physiology</i> , 2018, 9, 105.	2.8	102
50	Angiotensin II Signal Transduction: An Update on Mechanisms of Physiology and Pathophysiology. <i>Physiological Reviews</i> , 2018, 98, 1627-1738.	28.8	673
51	Cerebral blood flow alteration following acute myocardial infarction in mice. <i>Bioscience Reports</i> , 2018, 38, .	2.4	23
52	In Silico Analysis of Differential Gene Expression in Three Common Rat Models of Diastolic Dysfunction. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 11.	2.4	6
53	Conflicting roles of 20-HETE in hypertension and renal end organ damage. <i>European Journal of Pharmacology</i> , 2018, 833, 190-200.	3.5	37
54	Targeting Obesity and Diabetes to Treat Heart Failure with Preserved Ejection Fraction. <i>Frontiers in Endocrinology</i> , 2017, 8, 160.	3.5	50

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55	Functional, Cellular, and Molecular Remodeling of the Heart under Influence of Oxidative Cigarette Tobacco Smoke. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-16.	4.0	37
56	Molecular mechanisms and cell signaling of 20-hydroxyeicosatetraenoic acid in vascular pathophysiology. <i>Frontiers in Bioscience - Landmark</i> , 2016, 21, 1427-1463.	3.0	75
57	The CXCL10/CXCR3 Axis and Cardiac Inflammation: Implications for Immunotherapy to Treat Infectious and Noninfectious Diseases of the Heart. <i>Journal of Immunology Research</i> , 2016, 2016, 1-12.	2.2	61
58	Cardiac STAT3 Deficiency Impairs Contractility and Metabolic Homeostasis in Hypertension. <i>Frontiers in Pharmacology</i> , 2016, 7, 436.	3.5	17
59	Deleting Vascular ADAM17 Sheds New Light on Hypertensive Cardiac Hypertrophy. <i>Hypertension</i> , 2016, 68, 849-850.	2.7	6
60	Conflicting mechanisms of AT2 cardioprotection revealed. <i>Cardiovascular Research</i> , 2016, 112, 426-428.	3.8	2
61	Emerging importance of chemokine receptor CXCR3 and its ligands in cardiovascular diseases. <i>Clinical Science</i> , 2016, 130, 463-478.	4.3	67
62	CXCL10 Is a Circulating Inflammatory Marker in Patients with Advanced Heart Failure: a Pilot Study. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 302-314.	2.4	68
63	Temporal cardiac remodeling post-myocardial infarction: dynamics and prognostic implications in personalized medicine. <i>Heart Failure Reviews</i> , 2016, 21, 25-47.	3.9	18
64	Pivotal Importance of STAT3 in Protecting the Heart from Acute and Chronic Stress: New Advancement and Unresolved Issues. <i>Frontiers in Cardiovascular Medicine</i> , 2015, 2, 36.	2.4	64
65	High-fat diet induces cardiac remodelling and dysfunction: assessment of the role played by SIRT3 loss. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1847-1856.	3.6	106
66	Applying Fractal Dimension and Image Analysis to Quantify Fibrotic Collagen Deposition and Organization in the Normal and Hypertensive Heart. <i>Microscopy and Microanalysis</i> , 2014, 20, 1134-1144.	0.4	18
67	Carvedilol protects the infarcted heart by upregulating miR-133: First evidence that disease state affects β^2 -adrenergic arrestin-biased signaling?. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 76, 12-14.	1.9	6
68	Cannabidiol as an emergent therapeutic strategy for lessening the impact of inflammation on oxidative stress. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1054-1061.	2.9	180
69	Transient Receptor Potential Type C Channels Play a Critical Role in Angiogenesis. <i>FASEB Journal</i> , 2011, 25, 1091.12.	0.5	0
70	Hydrogels as a Platform for Stem Cell Delivery to the Heart. <i>Congestive Heart Failure</i> , 2010, 16, 132-135.	2.0	20