

Elaine Summers

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,288
citations

361413

20
h-index

330143

37
g-index

41
all docs

41
docs citations

41
times ranked

2962
citing authors

#	ARTICLE	IF	CITATIONS
1	The gut microbiota and the brainâ€“gutâ€“kidney axis in hypertension and chronic kidney disease. <i>Nature Reviews Nephrology</i> , 2018, 14, 442-456.	9.6	413
2	Imbalance of gut microbiome and intestinal epithelial barrier dysfunction in patients with high blood pressure. <i>Clinical Science</i> , 2018, 132, 701-718.	4.3	328
3	Increased human intestinal barrier permeability plasma biomarkers zonulin and FABP2 correlated with plasma LPS and altered gut microbiome in anxiety or depression. <i>Gut</i> , 2018, 67, 1555.2-1557.	12.1	318
4	Altered Gut Microbiome Profile in Patients With Pulmonary Arterial Hypertension. <i>Hypertension</i> , 2020, 75, 1063-1071.	2.7	130
5	The Gut, Its Microbiome, and Hypertension. <i>Current Hypertension Reports</i> , 2017, 19, 36.	3.5	103
6	Intestinal Permeability Biomarker Zonulin is Elevated in Healthy Aging. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 810.e1-810.e4.	2.5	89
7	Microglial Cells Impact Gut Microbiota and Gut Pathology in Angiotensin II-Induced Hypertension. <i>Circulation Research</i> , 2019, 124, 727-736.	4.5	89
8	Impaired Autonomic Nervous System-Microbiome Circuit in Hypertension. <i>Circulation Research</i> , 2019, 125, 104-116.	4.5	73
9	Angiotensin II Type 2 Receptor-Mediated Stimulation of Protein Phosphatase 2A in Rat Hypothalamic/Brainstem Neuronal Cocultures. <i>Journal of Neurochemistry</i> , 2002, 65, 2131-2137.	3.9	63
10	Sustained Captoprilâ€“Induced Reduction in Blood Pressure Is Associated With Alterations in Gutâ€“Brain Axis in the Spontaneously Hypertensive Rat. <i>Journal of the American Heart Association</i> , 2019, 8, e010721.	3.7	63
11	ACE2 (Angiotensin-Converting Enzyme 2) in Cardiopulmonary Diseases. <i>Hypertension</i> , 2020, 76, 651-661.	2.7	57
12	Maternal Treatment With Captopril Persistently Alters Gut-Brain Communication and Attenuates Hypertension of Male Offspring. <i>Hypertension</i> , 2020, 75, 1315-1324.	2.7	50
13	Gut microbiota and serum metabolite differences in African Americans and White Americans with high blood pressure. <i>International Journal of Cardiology</i> , 2018, 271, 336-339.	1.7	47
14	Gut Microbiome and Neuroinflammation in Hypertension. <i>Circulation Research</i> , 2022, 130, 401-417.	4.5	46
15	Butyrate Regulates COVID-19â€“Relevant Genes in Gut Epithelial Organoids From Normotensive Rats. <i>Hypertension</i> , 2021, 77, e13-e16.	2.7	45
16	Angiotensin II type 1 receptor-modulated signaling pathways in neurons. <i>Molecular Neurobiology</i> , 1999, 19, 25-41.	4.0	39
17	Angiotensin II Type 2 Receptor-Mediated Apoptosis of Cultured Neurons from Newborn Rat Brain. <i>Endocrinology</i> , 1999, 140, 500-509.	2.8	37
18	Gut Microbiota. <i>Circulation Research</i> , 2017, 120, 1724-1726.	4.5	36

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19	Pulmonary hypertension: Pathophysiology beyond the lung. <i>Pharmacological Research</i> , 2020, 151, 104518.	7.1	25
20	Therapeutic Delivery of Ang(1-7) via Genetically Modified Probiotic: A Dosing Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1299-1303.	3.6	22
21	Pulmonary arterial hypertension-associated changes in gut pathology and microbiota. <i>ERJ Open Research</i> , 2020, 6, 00253-2019.	2.6	22
22	β -Adrenergic Receptors in Neuronal and Glial Cultures: Characterization and Comparison. <i>Journal of Neurochemistry</i> , 1989, 53, 287-296.	3.9	20
23	Transcriptomic signature of gut microbiome-contacting cells in colon of spontaneously hypertensive rats. <i>Physiological Genomics</i> , 2020, 52, 121-132.	2.3	20
24	Identification of a Gut Commensal That Compromises the Blood Pressure-Lowering Effect of Ester Angiotensin-Converting Enzyme Inhibitors. <i>Hypertension</i> , 2022, 79, 1591-1601.	2.7	19
25	Angiotensin-converting enzyme 2 and COVID-19 in cardiorenal diseases. <i>Clinical Science</i> , 2021, 135, 1-17.	4.3	17
26	Genomic Effect of Triclosan on the Fetal Hypothalamus: Evidence for Altered Neuropeptide Regulation. <i>Endocrinology</i> , 2016, 157, 2686-2697.	2.8	15
27	Depressive hypertension: A proposed human endotype of brain/gut microbiome dysbiosis. <i>American Heart Journal</i> , 2021, 239, 27-37.	2.7	15
28	Efficacy and Safety of MSC Cell Therapies for Hospitalized Patients with COVID-19: A Systematic Review and Meta-Analysis. <i>Stem Cells Translational Medicine</i> , 2022, 11, 688-703.	3.3	13
29	Regulation of α -Adrenergic Receptor mRNA in Rat Astroglial Cultures: Role of Cyclic AMP and Protein Kinase C. <i>Journal of Neurochemistry</i> , 2002, 68, 47-57.	3.9	11
30	Mechanisms of in utero cortisol effects on the newborn heart revealed by transcriptomic modeling. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 316, R323-R337.	1.8	11
31	SARS-CoV-2 Receptor ACE2 (Angiotensin-Converting Enzyme 2) Is Upregulated in Colonic Organoids From Hypertensive Rats. <i>Hypertension</i> , 2020, 76, e26-e28.	2.7	11
32	Gut-brain-bone marrow axis in hypertension. <i>Current Opinion in Nephrology and Hypertension</i> , 2021, 30, 159-165.	2.0	9
33	Regulation of α -Adrenergic Receptor Expression by Epinephrine in Cultured Astroglia from Rat Brain. <i>Journal of Neurochemistry</i> , 1998, 70, 86-95.	3.9	8
34	Would Repurposing Minocycline Alleviate Neurologic Manifestations of COVID-19?. <i>Frontiers in Neuroscience</i> , 2020, 14, 577780.	2.8	8
35	ACE2 as therapeutic agent. <i>Clinical Science</i> , 2020, 134, 2581-2595.	4.3	7
36	Potential of Minocycline for Treatment of Resistant Hypertension. <i>American Journal of Cardiology</i> , 2021, 156, 147-149.	1.6	5

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37	Distinct Gene Expression Profiles in Colonic Organoids from Normotensive and the Spontaneously Hypertensive Rats. <i>Cells</i> , 2021, 10, 1523.	4.1	4
38	Short-term captopril treatment causes persistently decreased blood pressure associated with long-lasting shifts in gut microbiota and improvement in gut pathology. <i>FASEB Journal</i> , 2018, 32, 582.7.	0.5	0
39	Protection against hypoxia-induced pulmonary hypertension in CX3CR1-deficient mice correlates with decreased microglia activation. <i>FASEB Journal</i> , 2018, 32, .	0.5	0
40	Translocation of bone marrow-derived cells contribute to PVN neuroinflammation in hypoxia-induced PH. <i>FASEB Journal</i> , 2019, 33, 550.13.	0.5	0
41	Disease Associated Microglia Is Identified As A Major Contributor To Neuroinflammation Associated To Chronic Hypoxia Induced Pulmonary Hypertension. <i>FASEB Journal</i> , 2022, 36, .	0.5	0