Elaine Sumners

List of Publications by Year in Descending Order

37 papers	1,274 citations	17 h-index	35 g-index
40 ext. papers	1,822 ext. citations	6.8 avg, IF	5.01 L-index

#	Paper	IF	Citations
37	Gut Microbiome and Neuroinflammation in Hypertension.. *Circulation Research*, **2022**, 130, 401-417	15.7	6
36	Identification of a Gut Commensal That Compromises the Blood Pressure-Lowering Effect of Ester Angiotensin-Converting Enzyme Inhibitors.. *Hypertension*, **2022**, 101161HYPERTENSIONAHA12118711	8.5	4
35	Gut-brain-bone marrow axis in hypertension. *Current Opinion in Nephrology and Hypertension*, **2021**, 30, 159-165	3.5	3
34	Distinct Gene Expression Profiles in Colonic Organoids from Normotensive and the Spontaneously Hypertensive Rats. *Cells*, **2021**, 10,	7.9	3
33	Butyrate Regulates COVID-19-Relevant Genes in Gut Epithelial Organoids From Normotensive Rats. *Hypertension*, **2021**, 77, e13-e16	8.5	19
32	Angiotensin-converting enzyme 2 and COVID-19 in cardiorenal diseases. *Clinical Science*, **2021**, 135, 1-17	6.5	11
31	Depressive hypertension: A proposed human endotype of brain/gut microbiome dysbiosis. *American Heart Journal*, **2021**, 239, 27-37	4.9	3
30	Potential of Minocycline for Treatment of Resistant Hypertension. *American Journal of Cardiology*, **2021**, 156, 147-149	3	1
29	Would Repurposing Minocycline Alleviate Neurologic Manifestations of COVID-19?. *Frontiers in Neuroscience*, **2020**, 14, 577780	5.1	4
28	Maternal Treatment With Captopril Persistently Alters Gut-Brain Communication and Attenuates Hypertension of Male Offspring. *Hypertension*, **2020**, 75, 1315-1324	8.5	29
27	SARS-CoV-2 Receptor ACE2 (Angiotensin-Converting Enzyme 2) Is Upregulated in Colonic Organoids From Hypertensive Rats. *Hypertension*, **2020**, 76, e26-e28	8.5	7
26	Altered Gut Microbiome Profile in Patients With Pulmonary Arterial Hypertension. *Hypertension*, **2020**, 75, 1063-1071	8.5	57
25	ACE2 as therapeutic agent. *Clinical Science*, **2020**, 134, 2581-2595	6.5	4
24	Pulmonary hypertension: Pathophysiology beyond the lung. *Pharmacological Research*, **2020**, 151, 104518	10.2	13
23	Transcriptomic signature of gut microbiome-contacting cells in colon of spontaneously hypertensive rats. *Physiological Genomics*, **2020**, 52, 121-132	3.6	16
22	Pulmonary arterial hypertension-associated changes in gut pathology and microbiota. *ERJ Open Research*, **2020**, 6,	3.5	11
21	ACE2 (Angiotensin-Converting Enzyme 2) in Cardiopulmonary Diseases: Ramifications for the Control of SARS-CoV-2. *Hypertension*, **2020**, 76, 651-661	8.5	38

20	Therapeutic Delivery of Ang(1-7) via Genetically Modified Probiotic: A Dosing Study. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2020**, 75, 1299-1303	6.4	14
19	Impaired Autonomic Nervous System-Microbiome Circuit in Hypertension. *Circulation Research*, **2019**, 125, 104-116	15.7	47
18	Mechanisms of in utero cortisol effects on the newborn heart revealed by transcriptomic modeling. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2019**, 316, R323-R337	3.2	3
17	Sustained Captopril-Induced Reduction in Blood Pressure Is Associated With Alterations in Gut-Brain Axis in the Spontaneously Hypertensive Rat. *Journal of the American Heart Association*, **2019**, 8, e010721	6	37
16	Translocation of bone marrow-derived cells contribute to PVN neuroinflammation in hypoxia-induced PH. *FASEB Journal*, **2019**, 33, 550.13	0.9	
15	Microglial Cells Impact Gut Microbiota and Gut Pathology in Angiotensin II-Induced Hypertension. *Circulation Research*, **2019**, 124, 727-736	15.7	52
14	Imbalance of gut microbiome and intestinal epithelial barrier dysfunction in patients with high blood pressure. *Clinical Science*, **2018**, 132, 701-718	6.5	177
13	Gut microbiota and serum metabolite differences in African Americans and White Americans with high blood pressure. *International Journal of Cardiology*, **2018**, 271, 336-339	3.2	27
12	Short-term captopril treatment causes persistently decreased blood pressure associated with long-lasting shifts in gut microbiota and improvement in gut pathology. *FASEB Journal*, **2018**, 32, 582.7	0.9	
11	Increased human intestinal barrier permeability plasma biomarkers zonulin and FABP2 correlated with plasma LPS and altered gut microbiome in anxiety or depression. *Gut*, **2018**, 67, 1555-1557	19.2	189
10	The gut microbiota and the brain-gut-kidney axis in hypertension and chronic kidney disease. *Nature Reviews Nephrology*, **2018**, 14, 442-456	14.9	199
9	The Gut, Its Microbiome, and Hypertension. *Current Hypertension Reports*, **2017**, 19, 36	4.7	78
8	Gut Microbiota: Potential for a Unifying Hypothesis for Prevention and Treatment of Hypertension. *Circulation Research*, **2017**, 120, 1724-1726	15.7	24
7	Intestinal Permeability Biomarker Zonulin is Elevated in Healthy Aging. *Journal of the American Medical Directors Association*, **2017**, 18, 810.e1-810.e4	5.9	60
6	Genomic Effect of Triclosan on the Fetal Hypothalamus: Evidence for Altered Neuropeptide Regulation. *Endocrinology*, **2016**, 157, 2686-97	4.8	11
5	Angiotensin II type 1 receptor-modulated signaling pathways in neurons. *Molecular Neurobiology*, **1999**, 19, 25-41	6.2	36
4	Regulation of alpha2A-adrenergic receptor expression by epinephrine in cultured astroglia from rat brain. *Journal of Neurochemistry*, **1998**, 70, 86-95	6	8
3	Regulation of alpha 2A-adrenergic receptor mRNA in rat astroglial cultures: role of cyclic AMP and protein kinase C. *Journal of Neurochemistry*, **1997**, 68, 47-57	6	10

2	Angiotensin II type 2 receptor-mediated stimulation of protein phosphatase 2A in rat hypothalamic/brainstem neuronal cocultures. *Journal of Neurochemistry*, **1995**, 65, 2131-7	6	54
1	Alpha 2-adrenergic receptors in neuronal and glial cultures: characterization and comparison. *Journal of Neurochemistry*, **1989**, 53, 287-96	6	19