

# Joshua S Speed

## List of Publications by Year in descending order

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48  
papers

627  
citations

758635

12  
h-index

752256

20  
g-index

48  
all docs

48  
docs citations

48  
times ranked

757  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypertension: Physiology and Pathophysiology. , 2012, 2, 2393-2442.		187
2	Endothelin, Kidney Disease, and Hypertension. Hypertension, 2013, 61, 1142-1145.	1.3	52
3	Loss of endothelin B receptor function impairs sodium excretion in a time- and sex-dependent manner. American Journal of Physiology - Renal Physiology, 2016, 311, F991-F998.	1.3	39
4	Endothelin and Renal Ion and Water Transport. Seminars in Nephrology, 2015, 35, 137-144.	0.6	34
5	Loss of circadian gene <i>Bmal1</i> in the collecting duct lowers blood pressure in male, but not female, mice. American Journal of Physiology - Renal Physiology, 2020, 318, F710-F719.	1.3	32
6	High dietary sodium causes dyssynchrony of the renal molecular clock in rats. American Journal of Physiology - Renal Physiology, 2018, 314, F89-F98.	1.3	30
7	Renal medullary endothelin-1 is decreased in Dahl salt-sensitive rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R519-R523.	0.9	24
8	Endothelin $\epsilon_1$ as a master regulator of whole-body Na <sup>+</sup> homeostasis. FASEB Journal, 2015, 29, 4937-4944.	0.2	23
9	Diurnal Control of Blood Pressure Is Uncoupled From Sodium Excretion. Hypertension, 2020, 75, 1624-1634.	1.3	20
10	Endothelin $\epsilon_1$ in the pathophysiology of obesity and insulin resistance. Obesity Reviews, 2020, 21, e13086.	3.1	17
11	Role of 20-Hydroxyeicosatetraenoic Acid in Mediating Hypertension in Response to Chronic Renal Medullary Endothelin Type B Receptor Blockade. PLoS ONE, 2011, 6, e26063.	1.1	16
12	Fluid-electrolyte homeostasis requires histone deacetylase function. JCI Insight, 2020, 5, .	2.3	14
13	High salt diet increases the pressor response to stress in female, but not male ETB -receptor-deficient rats. Physiological Reports, 2015, 3, e12326.	0.7	13
14	In vivo organ specific drug delivery with implantable peristaltic pumps. Scientific Reports, 2016, 6, 26251.	1.6	13
15	Renal denervation attenuates hypertension but not salt sensitivity in ET <sub>B</sub> receptor-deficient rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 313, R425-R437.	0.9	13
16	Activation of neuronal endothelin B receptors mediates pressor response through alpha-1 adrenergic receptors. Physiological Reports, 2017, 5, e13077.	0.7	12
17	Activation of purinergic receptors (P2) in the renal medulla promotes endothelin-dependent natriuresis in male rats. American Journal of Physiology - Renal Physiology, 2016, 311, F260-F267.	1.3	11
18	Ovariectomy uncovers purinergic receptor activation of endothelin-dependent natriuresis. American Journal of Physiology - Renal Physiology, 2017, 313, F361-F369.	1.3	11

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19	Maternal separation enhances anticontractile perivascular adipose tissue function in male rats on a high-fat diet. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R1085-R1095.	0.9	11
20	Diurnal pattern in skin Na <sup>+</sup> and water content is associated with salt-sensitive hypertension in ETB receptor-deficient rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R544-R551.	0.9	10
21	Endothelin receptor antagonism improves glucose handling, dyslipidemia, and adipose tissue inflammation in obese mice. <i>Clinical Science</i> , 2021, 135, 1773-1789.	1.8	8
22	Elevated plasma endothelin-1 is associated with reduced weight loss post vertical sleeve gastrectomy. <i>Surgery for Obesity and Related Diseases</i> , 2019, 15, 1044-1050.	1.0	7
23	Loss of endothelin type B receptor function improves insulin sensitivity in rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2020, 98, 604-610.	0.7	7
24	New Clues Towards Solving the Mystery of Endothelin and Blood Pressure Regulation. <i>Hypertension</i> , 2015, 66, 275-277.	1.3	5
25	High salt intake increases endothelin B receptor function in the renal medulla of rats. <i>Life Sciences</i> , 2016, 159, 144-147.	2.0	5
26	Cardiovascular Risk Factors Following Vertical Sleeve Gastrectomy in Black Americans Compared with White Americans. <i>Obesity Surgery</i> , 2021, 31, 1004-1012.	1.1	4
27	RNA-Seq Analysis of Cisplatin and the Monofunctional Platinum(II) Complex, Phenanthriplatin, in A549 Non-Small Cell Lung Cancer and IMR90 Lung Fibroblast Cell Lines. <i>Cells</i> , 2020, 9, 2637.	1.8	3
28	Short-term daytime restricted feeding in rats with high salt impairs diurnal variation of Na <sup>+</sup> excretion. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 322, F335-F343.	1.3	3
29	Endothelin antagonism reduces hemoglobin A1c in patients with pulmonary hypertension. <i>Canadian Journal of Physiology and Pharmacology</i> , 2022, 100, 828-833.	0.7	2
30	Zebrafish model of Gestational Diabetes. <i>FASEB Journal</i> , 2021, 35, .	0.2	1
31	SUN-592 Adipocyte Specific Endothelin a Receptor Knockout Increases Adiposity in Mice. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.1	0
32	Endothelin-1 Receptor A Blockade Attenuates Metabolic and Proinflammatory Profile in Mice Fed a High Fat Diet. <i>Journal of the Endocrine Society</i> , 2021, 5, A41-A42.	0.1	0
33	Knockout of the Endothelin B receptor in adipocytes improves insulin sensitivity and the metabolic profile of male mice fed a High fat Diet. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
34	Endothelial cell activation in response to placental ischemia in pregnant rats is mediated by agonistic autoantibodies to the angiotensin type I receptor. <i>FASEB Journal</i> , 2008, 22, .	0.2	0
35	Renal Medullary Circadian Clock Genes are Altered in Endothelin B Deficient Rats. <i>FASEB Journal</i> , 2012, 26, 1069.11.	0.2	0
36	Sodium storage during high salt intake is not dependent upon endothelin B receptors. <i>FASEB Journal</i> , 2013, 27, 1115.8.	0.2	0

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37	Increased Glomerular ET $\beta$ in Female Sickle Cell Mice is Abolished by Chronic Hydroxyurea Treatment. FASEB Journal, 2015, 29, LB735.	0.2	0
38	Evidence for ETB receptor mediated pressor effects mediated by alpha $\beta$ adrenergic receptors. FASEB Journal, 2015, 29, 968.12.	0.2	0
39	Circadian clock gene expression in human buccal cells: potential use as a biomarker for circadian rhythm disorders.. FASEB Journal, 2015, 29, 967.2.	0.2	0
40	Endothelial cell derived endothelin $\beta$ (ET $\beta$ ) regulates skin Na + storage: evidence for sex differences. FASEB Journal, 2015, 29, 811.9.	0.2	0
41	Sex Differences in Renal Inner Medullary ET $\beta$ Gene Expression Levels with Increasing Medullary Osmolality. FASEB Journal, 2015, 29, 962.3.	0.2	0
42	KIM $\beta$ as a new biomarker for glomerular hyperfiltration and chronic kidney disease in humanized sickle cell disease mice. FASEB Journal, 2018, 32, .	0.2	0
43	Timing of food intake differentially impacts urinary electrolyte and aldosterone excretion. FASEB Journal, 2018, 32, 905.10.	0.2	0
44	Salt Diet Influences Endothelin $\beta$ Signaling in Renal Sensory Nerves. FASEB Journal, 2018, 32, 885.19.	0.2	0
45	Sex $\beta$ Differences in Renal Na + Regulatory Mechanisms During Acclimation to a High Salt Diet. FASEB Journal, 2019, 33, 864.6.	0.2	0
46	Glomerular hyperfiltration predicts the onset of chronic kidney disease in humanized sickle cell mice. FASEB Journal, 2019, 33, 864.5.	0.2	0
47	Renal Medullary Histone Deacetylase Dependent Regulation of Fluid $\beta$ Electrolyte Homeostasis During High Salt Feeding. FASEB Journal, 2019, 33, 866.5.	0.2	0
48	Zebrafish model of <i>in utero</i> glucose exposure alters developmental programming that leads to life $\beta$ long metabolic consequences. FASEB Journal, 2022, 36, .	0.2	0