Johanna L Hannan

List of Publications by Year
in descending order

61	1,022	393982 19	454577 30
papers	citations	h-index	g-index

63	63	63	1212
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Beneficial Impact of Exercise and Obesity Interventions on Erectile Function and its Risk Factors. Journal of Sexual Medicine, 2009, 6, 254-261.	0.3	83
2	Understanding and targeting the Rho kinase pathway in erectile dysfunction. Nature Reviews Urology, 2014, 11, 622-628.	1.9	67
3	Inhibition of Rho-Kinase Improves Erectile Function, Increases Nitric Oxide Signaling and Decreases Penile Apoptosis in a Rat Model of Cavernous Nerve Injury. Journal of Urology, 2013, 189, 1155-1161.	0.2	65
4	Basic Science Evidence for the Link Between Erectile Dysfunction and Cardiometabolic Dysfunction. Journal of Sexual Medicine, 2015, 12, 2233-2255.	0.3	43
5	Pathophysiology of Erectile Dysfunction. Current Drug Targets, 2015, 16, 411-419.	1.0	43
6	Valproic Acid Prevents Penile Fibrosis and Erectile Dysfunction in Cavernous Nerve-Injured Rats. Journal of Sexual Medicine, 2014, 11, 1442-1451.	0.3	42
7	Translational Perspective on the Role of Testosterone in Sexual Function and Dysfunction. Journal of Sexual Medicine, 2016, 13, 1183-1198.	0.3	42
8	Specialized Pro-Resolving Lipid Mediators Regulate Ozone-Induced Pulmonary and Systemic Inflammation. Toxicological Sciences, 2018, 163, 466-477.	1.4	42
9	Morphological and Functional Evidence for the Contribution of the Pudendal Artery in Aging-Induced Erectile Dysfunction. Journal of Sexual Medicine, 2010, 7, 3373-3384.	0.3	36
10	Pregnancy reduces RhoA/Rho kinase and protein kinase C signaling pathways downstream of thromboxane receptor activation in the rat uterine artery. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H2477-H2488.	1.5	34
11	Chronic Oral Administration of the Arginase Inhibitor 2(S)â€aminoâ€6â€boronohexanoic Acid (ABH) Improves Erectile Function in Aged Rats. Journal of Andrology, 2012, 33, 1169-1175.	2.0	32
12	Caspase-3 dependent nitrergic neuronal apoptosis following cavernous nerve injury is mediated via RhoA and ROCK activation in major pelvic ganglion. Scientific Reports, 2016, 6, 29416.	1.6	30
13	Impact of Hypertension, Aging, and Antihypertensive Treatment on the Morphology of the Pudendal Artery. Journal of Sexual Medicine, 2011, 8, 1027-1038.	0.3	28
14	Sex Differences in Pulmonary Eicosanoids and Specialized Pro-Resolving Mediators in Response to Ozone Exposure. Toxicological Sciences, 2021, 183, 170-183.	1.4	25
15	M1 Macrophages Are Predominantly Recruited to the Major Pelvic Ganglion of the Rat Following Cavernous Nerve Injury. Journal of Sexual Medicine, 2017, 14, 187-195.	0.3	23
16	Temporal changes in neurotrophic factors and neurite outgrowth in the major pelvic ganglion following cavernous nerve injury. Journal of Neuroscience Research, 2015, 93, 954-963.	1.3	21
17	Reduced vascular responses to soluble guanylyl cyclase but increased sensitivity to sildenafil in female rats with type 2 diabetes. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H297-H304.	1.5	21
18	Recovery of Erectile Function in Aging Hypertensive and Normotensive Rats Using Exercise and Caloric Restriction. Journal of Sexual Medicine, 2007, 4, 886-897.	0.3	20

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19	Targeting Vascular Structure for the Treatment of Sexual Dysfunction. Journal of Sexual Medicine, 2009, 6, 210-220.	0.3	20
20	Subacute Hemolysis in Sickle Cell Mice Causes Priapism Secondary to NO Imbalance and PDE5 Dysregulation. Journal of Sexual Medicine, 2015, 12, 1878-1885.	0.3	19
21	Endothelin-1 Induces Contraction of Female Rat Internal Pudendal and Clitoral Arteries through ET A Receptor and Rho-Kinase Activation. Journal of Sexual Medicine, 2010, 7, 2096-2103.	0.3	18
22	Internal Pudendal Artery from Type 2 Diabetic Female Rats Demonstrate Elevated Endothelinâ€1â€Mediated Constriction. Journal of Sexual Medicine, 2011, 8, 2472-2483.	0.3	18
23	NLRP3/ILâ€1Î² mediates denervation during bladder outlet obstruction in rats. Neurourology and Urodynamics, 2018, 37, 952-959.	0.8	17
24	Impact of antihypertensive treatments on erectile responses in aging spontaneously hypertensive rats. Journal of Hypertension, 2006, 24, 159-168.	0.3	16
25	Characterization of the Vasculature Supplying the Genital Tissues in Female Rats. Journal of Sexual Medicine, 2012, 9, 136-147.	0.3	15
26	Caloric Restriction Prevents Visceral Adipose Tissue Accumulation and Maintains Erectile Function in Aging Rats. Journal of Sexual Medicine, 2012, 9, 2273-2283.	0.3	15
27	Augmented dilation to nitric oxide in uterine arteries from rats with type 2 diabetes: implications for vascular adaptations to pregnancy. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H610-H618.	1.5	15
28	Increased Expression of the Neuroregenerative Peptide Galanin in the Major Pelvic Ganglion Following Cavernous Nerve Injury. Journal of Sexual Medicine, 2014, 11, 1685-1693.	0.3	14
29	Sickle Cell Disease in Priapism: Disparity in Care?. Urology, 2015, 86, 72-79.	0.5	14
30	Impaired contraction and decreased detrusor innervation in a female rat model of pelvic neuropraxia. International Urogynecology Journal, 2017, 28, 1049-1056.	0.7	13
31	A free-choice high-fat, high-sucrose diet induces hyperphagia, obesity, and cardiovascular dysfunction in female cycling and pregnant rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 316, R472-R485.	0.9	13
32	Immunohistochemical Investigation of Autonomic and Sensory Innervation of Anterior Vaginal Wall Female Periurethral Tissue: A Study of the Surgical Field of Mid-Urethral Sling Surgery Using Cadaveric Simulation. Journal of Sexual Medicine, 2021, 18, 1167-1180.	0.3	13
33	Pelvic nerve injury negatively impacts female genital blood flow and induces vaginal fibrosisâ€"implications for human nerveâ€sparing radical hysterectomy. BJOG: an International Journal of Obstetrics and Gynaecology, 2015, 122, 1457-1465.	1.1	10
34	Early-stage Type 2 Diabetes Mellitus Impairs Erectile Function and Neurite Outgrowth From the Major Pelvic Ganglion and Downregulates the Gene Expression of Neurotrophic Factors. Urology, 2017, 99, 287.e1-287.e7.	0.5	9
35	Clarifying the Relative Impacts of Vascular and Nerve Injury That Culminate in Erectile Dysfunction in a Pilot Study Using a Rat Model of Prostate Irradiation and a Thrombopoietin Mimetic. International Journal of Radiation Oncology Biology Physics, 2019, 103, 1212-1220.	0.4	9
36	Managing female pelvic floor disorders: a medical device review and appraisal. Interface Focus, 2019, 9, 20190014.	1.5	8

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37	Prostate-Confined Radiation Decreased Pelvic Ganglia Neuronal Survival and Outgrowth. Journal of Sexual Medicine, 2019, 16, 27-41.	0.3	7
38	Cardiometabolic Diseases and Female Sexual Dysfunction: Animal Studies. Journal of Sexual Medicine, 2022, 19, 408-420.	0.3	7
39	Enhanced Electrical Field Stimulated Nitrergic and Purinergic Vasoreactivity in Distal vs Proximal Internal Pudendal Arteries. Journal of Sexual Medicine, 2017, 14, 1285-1296.	0.3	6
40	Galanin Administration Partially Restores Erectile Function After Cavernous Nerve Injury and Mediates Endogenous Nitrergic Nerve Outgrowth InÂVitro. Journal of Sexual Medicine, 2018, 15, 480-491.	0.3	6
41	ExÂVivo Radiation Leads to Opposing Neurite Growth in Whole Ganglia vs Dissociated Cultured Pelvic Neurons. Journal of Sexual Medicine, 2020, 17, 1423-1433.	0.3	5
42	High-fat diet induces obesity in adult mice but fails to develop pre-penile and penile vascular dysfunction. International Journal of Impotence Research, 2022, 34, 308-316.	1.0	5
43	Increased Level of Tumor Necrosis Factor-Alpha (TNF-Î±) Leads to Downregulation of Nitrergic Neurons Following Bilateral Cavernous Nerve Injury and Modulates Penile Smooth Tone. Journal of Sexual Medicine, 2021, 18, 1181-1190.	0.3	5
44	RhoA/ROCK activation in major pelvic ganglion mediates caspase-3 dependent nitrergic neuronal apoptosis following cavernous nerve injury. Neural Regeneration Research, 2017, 12, 572.	1.6	5
45	Dysfunctional voiding behavior and impaired muscle contractility in a rat model of detrusor underactivity. Neurourology and Urodynamics, 2021, 40, 1889-1899.	0.8	4
46	Should We Call It a Prostate? A Review of the Female Periurethral Glandular Tissue Morphology, Histochemistry, Nomenclature, and Role in Iatrogenic Sexual Dysfunction. Sexual Medicine Reviews, 2022, , .	1.5	4
47	An Innovative Use of Twitter to Disseminate and Promote Medical Student Scholarship During the COVID-19 Pandemic: Usability Study. JMIR Medical Education, 2022, 8, e33767.	1.2	4
48	Off-Target Effect of Sildenafil on Postsurgical Erectile Dysfunction: Alternate Pathways and Localized Delivery System. Journal of Sexual Medicine, 2016, 13, 1834-1843.	0.3	3
49	Impact of prostatic radiation therapy on bladder contractility and innervation. Neurourology and Urodynamics, 2021, 40, 1470-1478.	0.8	2
50	Ex vivo Akt inhibition reverses castration induced internal pudendal artery and penile endothelial dysfunction. Life Sciences, 2021, 285, 119966.	2.0	2
51	Cocultured Schwann Cells Rescue Irradiated Pelvic Neuron Outgrowth and Increase Survival. Journal of Sexual Medicine, 2022, 19, 1333-1342.	0.3	2
52	Chronic highâ€fat diet decreased detrusor mitochondrial respiration and increased nerveâ€mediated contractions. Neurourology and Urodynamics, 2019, 38, 1524-1532.	0.8	1
53	Pregnancy regulates thromboxane A 2 â€induced contractions via endotheliumâ€derived factors and largeâ€conductance calciumâ€activated potassium channels in rat uterine artery. FASEB Journal, 2013, 27, 877.7.	0.2	1
54	Exercise, Sports, and Men's Health. , 2019, , 349-359.		0

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55	Validation of Animal Model of Pelvic Radiation Induced Female Sexual Dysfunction and Cystitis [35D]. Obstetrics and Gynecology, 2019, 133, 53S-51S.	1.2	0
56	The characterization of the morphology and intrinsic oscillatory contractions in pudendal arteries of aging normotensive rats. FASEB Journal, 2008, 22, 1119.11.	0.2	0
57	Development of tools to assess visceral adipose tissue (VAT) accumulation during the development of erectile dysfunction (ED) and during pharmacotherapy. FASEB Journal, 2008, 22, 916.9.	0.2	0
58	Type 2 diabetesâ€induced vascular dysfunction is associated with caveolinâ€1 and NADPH oxidase. FASEB Journal, 2012, 26, .	0.2	0
59	The Ups and Downs of Aging in the Male Genitourinary Tract. FASEB Journal, 2015, 29, 11.2.	0.2	0
60	Chronic high fat diet lowers male detrusor mitochondrial fatty acid oxidation while females are protected. FASEB Journal, 2019, 33, 592.5.	0.2	0
61	Testosterone Replacement Enhances Internal Pudendal Artery Relaxation to Reverse Erectile Dysfunction in a Rat Model of Androgen Deprivation Therapy. FASEB Journal, 2019, 33, 693.16.	0.2	0