

Johanna L Hannan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55
papers

746
citations

17
h-index

25
g-index

63
ext. papers

884
ext. citations

2.1
avg, IF

3.8
L-index

#	Paper	IF	Citations
55	Beneficial impact of exercise and obesity interventions on erectile function and its risk factors. <i>Journal of Sexual Medicine</i> , 2009 , 6 Suppl 3, 254-61	1.1	67
54	Inhibition of Rho-kinase improves erectile function, increases nitric oxide signaling and decreases penile apoptosis in a rat model of cavernous nerve injury. <i>Journal of Urology</i> , 2013 , 189, 1155-61	2.5	59
53	Understanding and targeting the Rho kinase pathway in erectile dysfunction. <i>Nature Reviews Urology</i> , 2014 , 11, 622-8	5.5	51
52	Basic Science Evidence for the Link Between Erectile Dysfunction and Cardiometabolic Dysfunction. <i>Journal of Sexual Medicine</i> , 2015 , 12, 2233-55	1.1	36
51	Translational Perspective on the Role of Testosterone in Sexual Function and Dysfunction. <i>Journal of Sexual Medicine</i> , 2016 , 13, 1183-98	1.1	34
50	Morphological and functional evidence for the contribution of the pudendal artery in aging-induced erectile dysfunction. <i>Journal of Sexual Medicine</i> , 2010 , 7, 3373-84	1.1	31
49	Valproic acid prevents penile fibrosis and erectile dysfunction in cavernous nerve-injured rats. <i>Journal of Sexual Medicine</i> , 2014 , 11, 1442-51	1.1	30
48	Pregnancy reduces RhoA/Rho kinase and protein kinase C signaling pathways downstream of thromboxane receptor activation in the rat uterine artery. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 302, H2477-88	5.2	30
47	Chronic oral administration of the arginase inhibitor 2(S)-amino-6-boronoheptanoic acid (ABH) improves erectile function in aged rats. <i>Journal of Andrology</i> , 2012 , 33, 1169-75		29
46	Pathophysiology of erectile dysfunction. <i>Current Drug Targets</i> , 2015 , 16, 411-9	3	26
45	Caspase-3 dependent nitrergic neuronal apoptosis following cavernous nerve injury is mediated via RhoA and ROCK activation in major pelvic ganglion. <i>Scientific Reports</i> , 2016 , 6, 29416	4.9	25
44	Specialized Pro-Resolving Lipid Mediators Regulate Ozone-Induced Pulmonary and Systemic Inflammation. <i>Toxicological Sciences</i> , 2018 , 163, 466-477	4.4	23
43	Impact of hypertension, aging, and antihypertensive treatment on the morphology of the pudendal artery. <i>Journal of Sexual Medicine</i> , 2011 , 8, 1027-38	1.1	22
42	Temporal changes in neurotrophic factors and neurite outgrowth in the major pelvic ganglion following cavernous nerve injury. <i>Journal of Neuroscience Research</i> , 2015 , 93, 954-63	4.4	19
41	Recovery of erectile function in aging hypertensive and normotensive rats using exercise and caloric restriction. <i>Journal of Sexual Medicine</i> , 2007 , 4, 886-97	1.1	19
40	Targeting vascular structure for the treatment of sexual dysfunction. <i>Journal of Sexual Medicine</i> , 2009 , 6 Suppl 3, 210-20	1.1	18
39	Reduced vascular responses to soluble guanylyl cyclase but increased sensitivity to sildenafil in female rats with type 2 diabetes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 309, H297-304	5.2	17

38	Internal pudendal artery from type 2 diabetic female rats demonstrate elevated endothelin-1-mediated constriction. <i>Journal of Sexual Medicine</i> , 2011 , 8, 2472-83	1.1	16
37	Endothelin-1 induces contraction of female rat internal pudendal and clitoral arteries through ET(A) receptor and rho-kinase activation. <i>Journal of Sexual Medicine</i> , 2010 , 7, 2096-2103	1.1	15
36	Impact of antihypertensive treatments on erectile responses in aging spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2006 , 24, 159-68	1.9	15
35	M1 Macrophages Are Predominantly Recruited to the Major Pelvic Ganglion of the Rat Following Cavernous Nerve Injury. <i>Journal of Sexual Medicine</i> , 2017 , 14, 187-195	1.1	14
34	Augmented dilation to nitric oxide in uterine arteries from rats with type 2 diabetes: implications for vascular adaptations to pregnancy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 306, H610-8	5.2	12
33	Subacute Hemolysis in Sickle Cell Mice Causes Priapism Secondary to NO Imbalance and PDE5 Dysregulation. <i>Journal of Sexual Medicine</i> , 2015 , 12, 1878-85	1.1	12
32	NLRP3/IL-1 β mediates denervation during bladder outlet obstruction in rats. <i>Neurourology and Urodynamics</i> , 2018 , 37, 952-959	2.3	12
31	Increased expression of the neuroregenerative peptide galanin in the major pelvic ganglion following cavernous nerve injury. <i>Journal of Sexual Medicine</i> , 2014 , 11, 1685-93	1.1	10
30	Characterization of the vasculature supplying the genital tissues in female rats. <i>Journal of Sexual Medicine</i> , 2012 , 9, 136-47	1.1	10
29	Impaired contraction and decreased detrusor innervation in a female rat model of pelvic neuropraxia. <i>International Urogynecology Journal</i> , 2017 , 28, 1049-1056	2	9
28	Caloric restriction prevents visceral adipose tissue accumulation and maintains erectile function in aging rats. <i>Journal of Sexual Medicine</i> , 2012 , 9, 2273-83	1.1	9
27	Sickle Cell Disease in Priapism: Disparity in Care?. <i>Urology</i> , 2015 , 86, 72-7	1.6	8
26	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. <i>Urology</i> , 2017 , 99, 287.e1-287.e7	1.6	8
25	Pelvic nerve injury negatively impacts female genital blood flow and induces vaginal fibrosis-implications for human nerve-sparing radical hysterectomy. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2015 , 122, 1457-65	3.7	8
24	A free-choice high-fat, high-sucrose diet induces hyperphagia, obesity, and cardiovascular dysfunction in female cycling and pregnant rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 316, R472-R485	3.2	7
23	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. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 103, 1212-1220	4	6
22	RhoA/ROCK activation in major pelvic ganglion mediates caspase-3 dependent nitrenergic neuronal apoptosis following cavernous nerve injury. <i>Neural Regeneration Research</i> , 2017 , 12, 572-573	4.5	5
21	Sex Differences in Pulmonary Eicosanoids and Specialized Pro-Resolving Mediators in Response to Ozone Exposure. <i>Toxicological Sciences</i> , 2021 , 183, 170-183	4.4	5

20	Ex Vivo Radiation Leads to Opposing Neurite Growth in Whole Ganglia vs Dissociated Cultured Pelvic Neurons. <i>Journal of Sexual Medicine</i> , 2020 , 17, 1423-1433	1.1	4
19	Managing female pelvic floor disorders: a medical device review and appraisal. <i>Interface Focus</i> , 2019 , 9, 20190014	3.9	4
18	Prostate-Confined Radiation Decreased Pelvic Ganglia Neuronal Survival and Outgrowth. <i>Journal of Sexual Medicine</i> , 2019 , 16, 27-41	1.1	4
17	Enhanced Electrical Field Stimulated Nitroergic and Purinergic Vasoreactivity in Distal vs Proximal Internal Pudendal Arteries. <i>Journal of Sexual Medicine</i> , 2017 , 14, 1285-1296	1.1	3
16	High-fat diet induces obesity in adult mice but fails to develop pre-penile and penile vascular dysfunction. <i>International Journal of Impotence Research</i> , 2021 ,	2.3	3
15	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. <i>Journal of Sexual Medicine</i> , 2021 , 18, 1167-1180	1.1	3
14	Galanin Administration Partially Restores Erectile Function After Cavernous Nerve Injury and Mediates Endogenous Nitroergic Nerve Outgrowth In Vitro. <i>Journal of Sexual Medicine</i> , 2018 , 15, 480-491	1.1	2
13	Increased Level of Tumor Necrosis Factor-Alpha (TNF- α) Leads to Downregulation of Nitroergic Neurons Following Bilateral Cavernous Nerve Injury and Modulates Penile Smooth Tone. <i>Journal of Sexual Medicine</i> , 2021 , 18, 1181-1190	1.1	2
12	Off-Target Effect of Sildenafil on Postsurgical Erectile Dysfunction: Alternate Pathways and Localized Delivery System. <i>Journal of Sexual Medicine</i> , 2016 , 13, 1834-1843	1.1	1
11	Chronic high-fat diet decreased detrusor mitochondrial respiration and increased nerve-mediated contractions. <i>Neurourology and Urodynamics</i> , 2019 , 38, 1524-1532	2.3	0
10	Pregnancy regulates thromboxane A ₂ -induced contractions via endothelium-derived factors and large-conductance calcium-activated potassium channels in rat uterine artery. <i>FASEB Journal</i> , 2013 , 27, 877.7	0.9	0
9	Impact of prostatic radiation therapy on bladder contractility and innervation. <i>Neurourology and Urodynamics</i> , 2021 , 40, 1470-1478	2.3	0
8	Dysfunctional voiding behavior and impaired muscle contractility in a rat model of detrusor underactivity. <i>Neurourology and Urodynamics</i> , 2021 , 40, 1889-1899	2.3	0
7	Ex vivo Akt inhibition reverses castration induced internal pudendal artery and penile endothelial dysfunction. <i>Life Sciences</i> , 2021 , 285, 119966	6.8	0
6	Exercise, Sports, and Men's Health 2019 , 349-359		
5	The characterization of the morphology and intrinsic oscillatory contractions in pudendal arteries of aging normotensive rats. <i>FASEB Journal</i> , 2008 , 22, 1119.11	0.9	
4	Development of tools to assess visceral adipose tissue (VAT) accumulation during the development of erectile dysfunction (ED) and during pharmacotherapy. <i>FASEB Journal</i> , 2008 , 22, 916.9	0.9	
3	Chronic high fat diet lowers male detrusor mitochondrial fatty acid oxidation while females are protected. <i>FASEB Journal</i> , 2019 , 33, 592.5	0.9	

- 2 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 0.9
- 1 The Ups and Downs of Aging in the Male Genitourinary Tract. *FASEB Journal*, **2015**, 29, 11.2 0.9