

# Johanna L Hannan

## List of Publications by Year in Descending Order

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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 | 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> , <b>2021</b> ,  | 2.3 | 3         |
| 54 | Impact of prostatic radiation therapy on bladder contractility and innervation. <i>Neurourology and Urodynamics</i> , <b>2021</b> , 40, 1470-1478  | 2.3 | 0         |
| 53 | Sex Differences in Pulmonary Eicosanoids and Specialized Pro-Resolving Mediators in Response to Ozone Exposure. <i>Toxicological Sciences</i> , <b>2021</b> , 183, 170-183   | 4.4 | 5         |
| 52 | Increased Level of Tumor Necrosis Factor-Alpha (TNF- $\alpha$ ) Leads to Downregulation of Nitroergic Neurons Following Bilateral Caverosus Nerve Injury and Modulates Penile Smooth Tone. <i>Journal of Sexual Medicine</i> , <b>2021</b> , 18, 1181-1190                                     | 1.1 | 2         |
| 51 | 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> , <b>2021</b> , 18, 1167-1180            | 1.1 | 3         |
| 50 | Dysfunctional voiding behavior and impaired muscle contractility in a rat model of detrusor underactivity. <i>Neurourology and Urodynamics</i> , <b>2021</b> , 40, 1889-1899   | 2.3 | 0         |
| 49 | Ex vivo Akt inhibition reverses castration induced internal pudendal artery and penile endothelial dysfunction. <i>Life Sciences</i> , <b>2021</b> , 285, 119966   | 6.8 | 0         |
| 48 | Ex Vivo Radiation Leads to Opposing Neurite Growth in Whole Ganglia vs Dissociated Cultured Pelvic Neurons. <i>Journal of Sexual Medicine</i> , <b>2020</b> , 17, 1423-1433  | 1.1 | 4         |
| 47 | Exercise, Sports, and Men's Health <b>2019</b> , 349-359   |     |           |
| 46 | Chronic high-fat diet decreased detrusor mitochondrial respiration and increased nerve-mediated contractions. <i>Neurourology and Urodynamics</i> , <b>2019</b> , 38, 1524-1532  | 2.3 | 0         |
| 45 | 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> , <b>2019</b> , 316, R472-R485                           | 3.2 | 7         |
| 44 | 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> , <b>2019</b> , 103, 1212-1220 | 4   | 6         |
| 43 | Managing female pelvic floor disorders: a medical device review and appraisal. <i>Interface Focus</i> , <b>2019</b> , 9, 20190014  | 3.9 | 4         |
| 42 | Chronic high fat diet lowers male detrusor mitochondrial fatty acid oxidation while females are protected. <i>FASEB Journal</i> , <b>2019</b> , 33, 592.5  | 0.9 |           |
| 41 | Testosterone Replacement Enhances Internal Pudendal Artery Relaxation to Reverse Erectile Dysfunction in a Rat Model of Androgen Deprivation Therapy. <i>FASEB Journal</i> , <b>2019</b> , 33, 693.16  | 0.9 |           |
| 40 | Prostate-Confined Radiation Decreased Pelvic Ganglia Neuronal Survival and Outgrowth. <i>Journal of Sexual Medicine</i> , <b>2019</b> , 16, 27-41  | 1.1 | 4         |
| 39 | Specialized Pro-Resolving Lipid Mediators Regulate Ozone-Induced Pulmonary and Systemic Inflammation. <i>Toxicological Sciences</i> , <b>2018</b> , 163, 466-477   | 4.4 | 23        |

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|----|---|-----|----|
| 38 | Galanin Administration Partially Restores Erectile Function After Cavernous Nerve Injury and Mediates Endogenous Nitroergic Nerve Outgrowth In Vitro. <i>Journal of Sexual Medicine</i> , <b>2018</b> , 15, 480-491                                       | 1.1 | 2  |
| 37 | NLRP3/IL-1 $\beta$ mediates denervation during bladder outlet obstruction in rats. <i>Neurourology and Urodynamics</i> , <b>2018</b> , 37, 952-959  | 2.3 | 12 |
| 36 | M1 Macrophages Are Predominantly Recruited to the Major Pelvic Ganglion of the Rat Following Cavernous Nerve Injury. <i>Journal of Sexual Medicine</i> , <b>2017</b> , 14, 187-195  | 1.1 | 14 |
| 35 | Impaired contraction and decreased detrusor innervation in a female rat model of pelvic neuropraxia. <i>International Urogynecology Journal</i> , <b>2017</b> , 28, 1049-1056   | 2   | 9  |
| 34 | Enhanced Electrical Field Stimulated Nitroergic and Purinergic Vasoreactivity in Distal vs Proximal Internal Pudendal Arteries. <i>Journal of Sexual Medicine</i> , <b>2017</b> , 14, 1285-1296   | 1.1 | 3  |
| 33 | 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> , <b>2017</b> , 99, 287.e1-287.e7                       | 1.6 | 8  |
| 32 | RhoA/ROCK activation in major pelvic ganglion mediates caspase-3 dependent nitroergic neuronal apoptosis following cavernous nerve injury. <i>Neural Regeneration Research</i> , <b>2017</b> , 12, 572-573  | 4.5 | 5  |
| 31 | Translational Perspective on the Role of Testosterone in Sexual Function and Dysfunction. <i>Journal of Sexual Medicine</i> , <b>2016</b> , 13, 1183-98   | 1.1 | 34 |
| 30 | Off-Target Effect of Sildenafil on Postsurgical Erectile Dysfunction: Alternate Pathways and Localized Delivery System. <i>Journal of Sexual Medicine</i> , <b>2016</b> , 13, 1834-1843   | 1.1 | 1  |
| 29 | Caspase-3 dependent nitroergic neuronal apoptosis following cavernous nerve injury is mediated via RhoA and ROCK activation in major pelvic ganglion. <i>Scientific Reports</i> , <b>2016</b> , 6, 29416  | 4.9 | 25 |
| 28 | Sickle Cell Disease in Priapism: Disparity in Care?. <i>Urology</i> , <b>2015</b> , 86, 72-7  | 1.6 | 8  |
| 27 | 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> , <b>2015</b> , 309, H297-304                | 5.2 | 17 |
| 26 | Basic Science Evidence for the Link Between Erectile Dysfunction and Cardiometabolic Dysfunction. <i>Journal of Sexual Medicine</i> , <b>2015</b> , 12, 2233-55   | 1.1 | 36 |
| 25 | Subacute Hemolysis in Sickle Cell Mice Causes Priapism Secondary to NO Imbalance and PDE5 Dysregulation. <i>Journal of Sexual Medicine</i> , <b>2015</b> , 12, 1878-85  | 1.1 | 12 |
| 24 | Temporal changes in neurotrophic factors and neurite outgrowth in the major pelvic ganglion following cavernous nerve injury. <i>Journal of Neuroscience Research</i> , <b>2015</b> , 93, 954-63  | 4.4 | 19 |
| 23 | 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> , <b>2015</b> , 122, 1457-65 | 3.7 | 8  |
| 22 | Pathophysiology of erectile dysfunction. <i>Current Drug Targets</i> , <b>2015</b> , 16, 411-9  | 3   | 26 |
| 21 | The Ups and Downs of Aging in the Male Genitourinary Tract. <i>FASEB Journal</i> , <b>2015</b> , 29, 11.2   | 0.9 |    |

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|----|---|-----|----|
| 20 | Increased expression of the neuroregenerative peptide galanin in the major pelvic ganglion following cavernous nerve injury. <i>Journal of Sexual Medicine</i> , <b>2014</b> , 11, 1685-93  | 1.1 | 10 |
| 19 | Valproic acid prevents penile fibrosis and erectile dysfunction in cavernous nerve-injured rats. <i>Journal of Sexual Medicine</i> , <b>2014</b> , 11, 1442-51  | 1.1 | 30 |
| 18 | Understanding and targeting the Rho kinase pathway in erectile dysfunction. <i>Nature Reviews Urology</i> , <b>2014</b> , 11, 622-8   | 5.5 | 51 |
| 17 | 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> , <b>2014</b> , 306, H610-8           | 5.2 | 12 |
| 16 | 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> , <b>2013</b> , 189, 1155-61                                     | 2.5 | 59 |
| 15 | Pregnancy regulates thromboxane A2-induced contractions via endothelium-derived factors and large-conductance calcium-activated potassium channels in rat uterine artery. <i>FASEB Journal</i> , <b>2013</b> , 27, 877.7                                  | 0.9 | 0  |
| 14 | Characterization of the vasculature supplying the genital tissues in female rats. <i>Journal of Sexual Medicine</i> , <b>2012</b> , 9, 136-47   | 1.1 | 10 |
| 13 | Caloric restriction prevents visceral adipose tissue accumulation and maintains erectile function in aging rats. <i>Journal of Sexual Medicine</i> , <b>2012</b> , 9, 2273-83   | 1.1 | 9  |
| 12 | Chronic oral administration of the arginase inhibitor 2(S)-amino-6-boronohexanoic acid (ABH) improves erectile function in aged rats. <i>Journal of Andrology</i> , <b>2012</b> , 33, 1169-75   |     | 29 |
| 11 | 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> , <b>2012</b> , 302, H2477-88 | 5.2 | 30 |
| 10 | Impact of hypertension, aging, and antihypertensive treatment on the morphology of the pudendal artery. <i>Journal of Sexual Medicine</i> , <b>2011</b> , 8, 1027-38  | 1.1 | 22 |
| 9  | Internal pudendal artery from type 2 diabetic female rats demonstrate elevated endothelin-1-mediated constriction. <i>Journal of Sexual Medicine</i> , <b>2011</b> , 8, 2472-83   | 1.1 | 16 |
| 8  | 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> , <b>2010</b> , 7, 2096-2103   | 1.1 | 15 |
| 7  | Morphological and functional evidence for the contribution of the pudendal artery in aging-induced erectile dysfunction. <i>Journal of Sexual Medicine</i> , <b>2010</b> , 7, 3373-84   | 1.1 | 31 |
| 6  | Beneficial impact of exercise and obesity interventions on erectile function and its risk factors. <i>Journal of Sexual Medicine</i> , <b>2009</b> , 6 Suppl 3, 254-61  | 1.1 | 67 |
| 5  | Targeting vascular structure for the treatment of sexual dysfunction. <i>Journal of Sexual Medicine</i> , <b>2009</b> , 6 Suppl 3, 210-20   | 1.1 | 18 |
| 4  | The characterization of the morphology and intrinsic oscillatory contractions in pudendal arteries of aging normotensive rats. <i>FASEB Journal</i> , <b>2008</b> , 22, 1119.11   | 0.9 |    |
| 3  | Development of tools to assess visceral adipose tissue (VAT) accumulation during the development of erectile dysfunction (ED) and during pharmacotherapy. <i>FASEB Journal</i> , <b>2008</b> , 22, 916.9  | 0.9 |    |

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|---|---|-----|----|
| 2 | Recovery of erectile function in aging hypertensive and normotensive rats using exercise and caloric restriction. <i>Journal of Sexual Medicine</i> , <b>2007</b> , 4, 886-97 | 1.1 | 19 |
| 1 | Impact of antihypertensive treatments on erectile responses in aging spontaneously hypertensive rats. <i>Journal of Hypertension</i> , <b>2006</b> , 24, 159-68               | 1.9 | 15 |