

Darius A Paduch

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.

96 papers	2,133 citations	27 h-index	44 g-index
204 ext. papers	2,421 ext. citations	1.8 avg, IF	4.91 L-index

#	Paper	IF	Citations
96	Repair Versus Observation in Adolescent Varicocele: A Prospective Study. <i>Journal of Urology</i> , 1997 , 158, 1128-1132	2.5	146
95	Adverse effect of paroxetine on sperm. <i>Fertility and Sterility</i> , 2010 , 94, 1021-6	4.8	139
94	A decade of experience emphasizes that testing for Y microdeletions is essential in American men with azoospermia and severe oligozoospermia. <i>Fertility and Sterility</i> , 2010 , 94, 1753-6	4.8	118
93	The functional and structural consequences of cavernous nerve injury are ameliorated by sildenafil citrate. <i>Journal of Sexual Medicine</i> , 2008 , 5, 1126-1136	1.1	106
92	Human spermatogenic failure purges deleterious mutation load from the autosomes and both sex chromosomes, including the gene DMRT1. <i>PLoS Genetics</i> , 2013 , 9, e1003349	6	99
91	Successful testicular sperm retrieval in adolescents with Klinefelter syndrome treated with at least 1 year of topical testosterone and aromatase inhibitor. <i>Fertility and Sterility</i> , 2013 , 100, 970-4	4.8	76
90	Klinefelter syndrome: an argument for early aggressive hormonal and fertility management. <i>Fertility and Sterility</i> , 2012 , 98, 274-83	4.8	68
89	Semen Analysis in Young Men with Varicocele: Preliminary Study. <i>Journal of Urology</i> , 1996 , 156, 788-790	2.5	65
88	Reproduction in men with Klinefelter syndrome: the past, the present, and the future. <i>Seminars in Reproductive Medicine</i> , 2009 , 27, 137-48	1.4	63
87	Novel mutations in testis-specific ubiquitin protease 26 gene may cause male infertility and hypogonadism. <i>Reproductive BioMedicine Online</i> , 2005 , 10, 747-54	4	59
86	New concepts in Klinefelter syndrome. <i>Current Opinion in Urology</i> , 2008 , 18, 621-7	2.8	58
85	Higher pregnancy rates using testicular sperm in men with severe oligospermia. <i>Fertility and Sterility</i> , 2015 , 104, 1382-7	4.8	54
84	Computerized tomography with 3-dimensional reconstruction for the evaluation of renal size and arterial anatomy in the living kidney donor. <i>Journal of Urology</i> , 2004 , 171, 27-30	2.5	53
83	The laboratory diagnosis of testosterone deficiency. <i>Urology</i> , 2014 , 83, 980-8	1.6	50
82	Testosterone Replacement in Androgen-Deficient Men With Ejaculatory Dysfunction: A Randomized Controlled Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 2956-62	5.6	49
81	Endocrinological issues and hormonal manipulation in children and men with Klinefelter syndrome. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2013 , 163C, 16-26	3.1	47
80	Possible germ cell-Sertoli cell interactions are critical for establishing appropriate expression levels for the Sertoli cell-specific MicroRNA, miR-202-5p, in human testis. <i>Basic and Clinical Andrology</i> , 2015 , 25, 2	2.8	45

79	Repair versus observation in adolescent varicocele: a prospective study. <i>Journal of Urology</i> , 1997 , 158, 1128-32	2.5	45
78	The effect of hyperbaric oxygen therapy on erectile function recovery in a rat cavernous nerve injury model. <i>Journal of Sexual Medicine</i> , 2008 , 5, 562-70	1.1	39
77	Activation of GPER-1 estradiol receptor downregulates production of testosterone in isolated rat Leydig cells and adult human testis. <i>PLoS ONE</i> , 2014 , 9, e92425	3.7	39
76	Viral lower urinary tract infections. <i>Current Urology Reports</i> , 2007 , 8, 324-35	2.9	38
75	Trends in the Utilization of Penile Prostheses in the Treatment of Erectile Dysfunction in the United States. <i>Journal of Sexual Medicine</i> , 2015 , 12, 1638-45	1.1	36
74	Yet another test of sperm chromatin structure. <i>Fertility and Sterility</i> , 2005 , 84, 854-9	4.8	36
73	Nerve sparing can preserve orgasmic function in most men after robotic-assisted laparoscopic radical prostatectomy. <i>BJU International</i> , 2012 , 109, 596-602	5.6	32
72	Testicular cancer and male infertility. <i>Current Opinion in Urology</i> , 2006 , 16, 419-27	2.8	32
71	RECURRENCE OF VARICOCELE AFTER HIGH RETROPERITONEAL REPAIR: IMPLICATIONS OF INTRAOPERATIVE VENOGRAPHY. <i>Journal of Urology</i> , 2001 , 165, 937-940	2.5	30
70	Prolactin in men's health and disease. <i>Current Opinion in Urology</i> , 2011 , 21, 527-34	2.8	29
69	Importance of hypogonadism and testosterone replacement therapy in current urologic practice: a review. <i>International Urology and Nephrology</i> , 2012 , 44, 61-70	2.3	22
68	Deletion or underexpression of the Y-chromosome genes CDY2 and HSFY is associated with maturation arrest in American men with nonobstructive azoospermia. <i>Asian Journal of Andrology</i> , 2012 , 14, 676-82	2.8	21
67	Methylation-specific PCR allows for fast diagnosis of X chromosome disomy and reveals skewed inactivation of the X chromosome in men with Klinefelter syndrome. <i>Journal of Andrology</i> , 2012 , 33, 955-62		20
66	Pressure, fluid and anatomical characteristics of abdominoscrotal hydroceles in infants. <i>Journal of Urology</i> , 2008 , 180, 1720-3; discussion 1723	2.5	20
65	Safety and efficacy of testosterone replacement therapy in adolescents with Klinefelter syndrome. <i>Journal of Urology</i> , 2014 , 191, 1527-31	2.5	19
64	Effect of tadalafil once daily on prostate blood flow and perfusion in men with lower urinary tract symptoms secondary to benign prostatic hyperplasia: a randomized, double-blind, multicenter, placebo-controlled trial. <i>Urology</i> , 2014 , 84, 412-9	1.6	19
63	Clinical and Demographic Correlates of Ejaculatory Dysfunctions Other Than Premature Ejaculation: A Prospective, Observational Study. <i>Journal of Sexual Medicine</i> , 2015 , 12, 2276-86	1.1	19
62	Ubiquitin Specific Protease 26 (USP26) expression analysis in human testicular and extragonadal tissues indicates diverse action of USP26 in cell differentiation and tumorigenesis. <i>PLoS ONE</i> , 2014 , 9, e98638	3.7	18

61	The production of glial cell line-derived neurotrophic factor by human sertoli cells is substantially reduced in sertoli cell-only testes. <i>Human Reproduction</i> , 2017 , 32, 1108-1117	5.7	16
60	Concordance among sperm deoxyribonucleic acid integrity assays and semen parameters. <i>Fertility and Sterility</i> , 2015 , 104, 56-61.e1	4.8	15
59	Factors associated with ejaculatory and orgasmic dysfunction in men with erectile dysfunction: analysis of clinical trials involving the phosphodiesterase type 5 inhibitor tadalafil. <i>BJU International</i> , 2012 , 109, 1060-7	5.6	14
58	Diagnosis of the gr/gr Y chromosome microdeletion does not help in the treatment of infertile American men. <i>Journal of Urology</i> , 2011 , 185, 233-7	2.5	14
57	An ultrasonically actuated silicon-microprobe-based testicular tubule assay. <i>IEEE Transactions on Biomedical Engineering</i> , 2009 , 56, 2666-74	5	14
56	Effects of 12 weeks of tadalafil treatment on ejaculatory and orgasmic dysfunction and sexual satisfaction in patients with mild to severe erectile dysfunction: integrated analysis of 17 placebo-controlled studies. <i>BJU International</i> , 2013 , 111, 334-43	5.6	13
55	Heat shock factor Y chromosome (HSFY) mRNA level predicts the presence of retrievable testicular sperm in men with nonobstructive azoospermia. <i>Fertility and Sterility</i> , 2011 , 96, 303-8	4.8	13
54	INDICATION, SURGICAL TECHNIQUE AND OUTCOME OF ORTHOTOPIC RENAL TRANSPLANTATION. <i>Journal of Urology</i> , 2001 , 166, 1647-1650	2.5	13
53	Evolving techniques to evaluate ejaculatory function. <i>Current Opinion in Urology</i> , 2009 , 19, 606-14	2.8	12
52	Normal female phenotype and ovarian development despite the ovarian expression of the sex-determining region of Y chromosome (SRY) in a 46,XX/69,XXY diploid/triploid mosaic child conceived after in vitro fertilization-intracytoplasmic sperm injection. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1008-14	5.6	12
51	Diagnosis, evaluation and treatment of adolescent varicocele. <i>Scientific World Journal, The</i> , 2004 , 4 Suppl 1, 263-78	2.2	12
50	ARTERIAL DUODENOVESICAL FISTULA AFTER SIMULTANEOUS PANCREAS AND KIDNEY TRANSPLANTATION. <i>Journal of Urology</i> , 2000 , 164, 1296-1296	2.5	12
49	CDK2 kinase activity is a regulator of male germ cell fate. <i>Development (Cambridge)</i> , 2019 , 146,	6.6	11
48	The effect of hypogonadism and testosterone-enhancing therapy on alkaline phosphatase and bone mineral density. <i>BJU International</i> , 2015 , 115, 480-5	5.6	11
47	Impact of Testosterone Solution 2% on Ejaculatory Dysfunction in Hypogonadal Men. <i>Journal of Sexual Medicine</i> , 2016 , 13, 1220-6	1.1	11
46	Klinefelter Syndrome. The Effects of Early Androgen Therapy on Competence and Behavioral Phenotype. <i>Sexual Medicine Reviews</i> , 2018 , 6, 595-606	5.6	10
45	When to ask male adolescents to provide semen sample for fertility preservation?. <i>Translational Andrology and Urology</i> , 2014 , 3, 2-8	2.3	10
44	Successful testicular sperm retrieval in adolescents with Klinefelter syndrome treated with at least 1 year of topical testosterone and aromatase inhibitor. <i>Fertility and Sterility</i> , 2013 , 100, e27	4.8	9

43	Improvements in Patient-reported Sexual Function After Microsurgical Varicocele. <i>Urology</i> , 2017 , 110, 104-109	1.6	8
42	Novel methylation specific real-time PCR test for the diagnosis of Klinefelter syndrome. <i>Asian Journal of Andrology</i> , 2014 , 16, 684-8	2.8	8
41	Aberrant gene expression by Sertoli cells in infertile men with Sertoli cell-only syndrome. <i>PLoS ONE</i> , 2019 , 14, e0216586	3.7	7
40	Attitudes Toward Penile Transplantation Among Urologists and Health Professionals. <i>Sexual Medicine</i> , 2018 , 6, 316-323	2.7	7
39	Flow cytometric characterization of apoptosis and chromatin damage in spermatozoa. <i>Reproductive BioMedicine Online</i> , 2013 , 26, 393-5	4	6
38	Bulbocavernosus muscle area measurement: a novel method to assess androgenic activity. <i>Asian Journal of Andrology</i> , 2014 , 16, 618-22	2.8	6
37	Perineal Ultrasound: a Review in the Context of Ejaculatory Dysfunction. <i>Sexual Medicine Reviews</i> , 2018 , 6, 419-428	5.6	5
36	Expression of estrogen receptor alpha and progesterone receptor in children with undescended testicle previously treated with human chorionic gonadotropin. <i>Journal of Urology</i> , 2004 , 172, 1112-6	2.5	5
35	A novel sorting technology allows for highly efficient selection of sperm without chromatin damage. <i>Systems Biology in Reproductive Medicine</i> , 2013 , 59, 172-7	2.9	4
34	Functional Magnetic Resonance Imaging Detects Between-Group Differences in Neural Activation Among Men with Delayed Orgasm Compared with Normal Controls: Preliminary Report. <i>Journal of Sexual Medicine</i> , 2019 , 16, 1246-1254	1.1	3
33	Influence of clomiphene citrate on BMI and cholesterol levels in the treatment of hypogonadism. <i>Fertility and Sterility</i> , 2014 , 102, e269-e270	4.8	3
32	Novel markers of male infertility. <i>Methods in Molecular Biology</i> , 2014 , 1154, 233-50	1.4	3
31	Effects of valganciclovir on spermatogenesis in renal transplant patients - results of a multicenter prospective nonrandomized study. <i>Transplant International</i> , 2020 , 33, 310-320	3	3
30	MP76-20 HUMAN SPERM MIRNA PROFILE IN PATIENTS WITH NORMOZOOSPERMIA AND TERATOZOOSPERMIA. <i>Journal of Urology</i> , 2015 , 193,	2.5	2
29	Clinical, radiographic, and pathologic description of IgG4-related perivascular fibrosis: a previously undescribed etiology of chronic orchialgia. <i>Urology</i> , 2014 , 84, 748-50	1.6	2
28	Obesity and Sexual Dysfunction in Men 2013 , 141-161		2
27	Testicular expression analysis of the AZF genes in azoospermic men suggests essentiality and specific function for DDX3Y, RPS4Y2, CDY2, and HSFY. <i>Fertility and Sterility</i> , 2010 , 94, S232	4.8	2
26	OVER EXPRESSION OF AROMATASE CYP19 IN HUMAN TESTIS IS MOST LIKELY REASON FOR HYPOGONADISM IN MEN WITH KLINEFELTER SYNDROME. <i>Journal of Urology</i> , 2009 , 181, 681	2.5	2

25	A decade of experience emphasizes that testing for Y chromosome microdeletions (YCM) is essential in men with azoospermia and severe oligospermia. <i>Fertility and Sterility</i> , 2008 , 90, S319	4.8	2
24	Single surgeon experience with more than 2,200 vasectomy reversals—Demographic data. <i>Fertility and Sterility</i> , 2003 , 80, 230-231	4.8	2
23	1017: Sildenafil and Cavernous Nerve Injury in the RAT: Defining the Optimal Dosing and Timing Regimen. <i>Journal of Urology</i> , 2006 , 175, 327-328	2.5	2
22	MP48-04 PREDICTORS OF POOR RESPONSE TO TRANSDERMAL TESTOSTERONE THERAPY IN MEN WITH METABOLIC SYNDROME. <i>Journal of Urology</i> , 2014 , 191,	2.5	1
21	The Laboratory Diagnosis of Testosterone Deficiency 2013 , 15-31		1
20	2294 CLINICAL CHARACTERIZATION AND REPRODUCTIVE OUTCOMES IN MEN WITH COMPLETE AZFC DELETIONS: A 17-YEAR EXPERIENCE. <i>Journal of Urology</i> , 2013 , 189,	2.5	1
19	PD68-01 PILOT STUDY RESULTS USING FLUORESCENCE ACTIVATED CELL SORTING OF SPERMATOZOA FROM TESTIS TISSUE: A NOVEL METHOD FOR SPERM ISOLATION AFTER TESE. <i>Journal of Urology</i> , 2017 , 197,	2.5	1
18	Author Reply. <i>Urology</i> , 2017 , 110, 109	1.6	1
17	Treatment of Hypogonadism in Men 2013 , 59-87		1
16	1210 CHANGES IN SERUM REPRODUCTIVE HORMONES AND NEUROTRANSMITTERS DURING AROUSAL, EJACULATION AND ORGASM IN NORMAL VOLUNTEERS. <i>Journal of Urology</i> , 2010 , 183,	2.5	1
15	1542 CAN NERVE SPARING PRESERVE ORGASMIC FUNCTION IN MEN FOLLOWING ROBOTIC ASSISTED LAPAROSCOPIC RADICAL PROSTATECTOMY?. <i>Journal of Urology</i> , 2011 , 185,	2.5	1
14	Viral lower urinary tract infections. <i>Current Prostate Reports</i> , 2007 , 5, 40-50		1
13	MP43-03 3T FUNCTIONAL MRI DETECTS DIFFERENCES IN NEURAL ACTIVATION AMONG MEN WITH DELAYED EJACULATION & ORGASM. <i>Journal of Urology</i> , 2018 , 199,	2.5	1
12	Presentation and resolution of gender dysphoria as a positive symptom in a young schizophrenic man who presented with self-emasculation: Frontiers of bioethics, psychiatry, and microsurgical genital reconstruction. <i>Clinical Case Reports (discontinued)</i> , 2020 , 8, 1735-1740	0.7	0
11	Treatment and Prognosis of Immunological Factors in Unexplained Male Infertility 2015 , 245-253		
10	Response and Rebuttal to Editorial Comment on: Clinical and Demographic Correlates of Ejaculatory Dysfunctions Other than Premature Ejaculation: A Prospective, Observational Study. <i>Journal of Sexual Medicine</i> , 2015 , 12, 2289-2290	1.1	
9	Ultrasonically actuated silicon-microprobe-based testicular tubule metrology. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2010 , 2010, 6469-72	0.9	
8	Growth and Development in Children and Adolescents with Klinefelter Syndrome (47,XXY) 2012 , 2155-2173		

- 7 Evaluation and treatment of male pelvic pain syndromes and sexual dysfunction. *Current Prostate Reports*, **2008**, 6, 131-138
- 6 Vasectomy Reversal **2005**, 183-187
- 5 Office Evaluation of Male Infertility **2005**, 141-154
- 4 Klinefelter Syndrome: Early Treatment of the Adolescent Is Warranted **2015**, 203-211
- 3 ART in Men with Klinefelter Syndrome 344-348
- 2 Utility of dynamic MRA in the evaluation of male erectile dysfunction. *Abdominal Radiology*, **2020**, 45, 1990-2000 3
- 1 Nuclear expression of mature micro-RNAs in normal human testis. *Fertility and Sterility*, **2018**, 110, e164-e165