

James M Hotaling

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.

130
papers

2,011
citations

21
h-index

41
g-index

156
ext. papers

2,700
ext. citations

2.7
avg, IF

5.43
L-index

#	Paper	IF	Citations
130	No evidence of severe acute respiratory syndrome-coronavirus 2 in semen of males recovering from coronavirus disease 2019. <i>Fertility and Sterility</i> , 2020 , 113, 1135-1139	4.8	255
129	Male Oxidative Stress Infertility (MOSI): Proposed Terminology and Clinical Practice Guidelines for Management of Idiopathic Male Infertility. <i>World Journal of Men's Health</i> , 2019 , 37, 296-312	6.8	151
128	Obesity, male infertility, and the sperm epigenome. <i>Fertility and Sterility</i> , 2017 , 107, 848-859	4.8	137
127	Targeted Germline Modifications in Rats Using CRISPR/Cas9 and Spermatogonial Stem Cells. <i>Cell Reports</i> , 2015 , 10, 1828-35	10.6	78
126	Decreased fecundity and sperm DNA methylation patterns. <i>Fertility and Sterility</i> , 2016 , 105, 51-7.e1-3	4.8	76
125	Male infertility: a biomarker of individual and familial cancer risk. <i>Fertility and Sterility</i> , 2018 , 109, 6-19	4.8	64
124	Subfertility increases risk of testicular cancer: evidence from population-based semen samples. <i>Fertility and Sterility</i> , 2016 , 105, 322-8.e1	4.8	63
123	Effect of male and female body mass index on pregnancy and live birth success after in vitro fertilization. <i>Fertility and Sterility</i> , 2015 , 103, 388-95	4.8	58
122	Patient reported outcomes measures in neurogenic bladder and bowel: A systematic review of the current literature. <i>Neurourology and Urodynamics</i> , 2016 , 35, 8-14	2.3	53
121	Cannabis and Male Fertility: A Systematic Review. <i>Journal of Urology</i> , 2019 , 202, 674-681	2.5	45
120	Genetics of male infertility. <i>Urologic Clinics of North America</i> , 2014 , 41, 1-17	2.9	42
119	Trends in Testosterone Replacement Therapy Use from 2003 to 2013 among Reproductive-Age Men in the United States. <i>Journal of Urology</i> , 2017 , 197, 1121-1126	2.5	41
118	Non-motile sperm cell separation using a spiral channel. <i>Analytical Methods</i> , 2015 , 7, 8041-8047	3.2	39
117	Intra-sample heterogeneity of sperm DNA methylation. <i>Molecular Human Reproduction</i> , 2015 , 21, 313-9	4.4	39
116	Separation of sperm cells from samples containing high concentrations of white blood cells using a spiral channel. <i>Biomicrofluidics</i> , 2017 , 11, 054106	3.2	38
115	Fertility concerns of the transgender patient. <i>Translational Andrology and Urology</i> , 2019 , 8, 209-218	2.3	36
114	Demographics of pediatric renal trauma. <i>Journal of Urology</i> , 2014 , 192, 1498-502	2.5	27

113	Acute effects of air pollutants on spontaneous pregnancy loss: a case-crossover study. <i>Fertility and Sterility</i> , 2019 , 111, 341-347	4.8	25
112	Cancer risk in first- and second-degree relatives of men with poor semen quality. <i>Fertility and Sterility</i> , 2016 , 106, 731-8	4.8	24
111	Cardiovascular Autonomic Neuropathy, Sexual Dysfunction, and Urinary Incontinence in Women With Type 1 Diabetes. <i>Diabetes Care</i> , 2016 , 39, 1587-93	14.6	22
110	Characterising the safety of clomiphene citrate in male patients through prostate-specific antigen, haematocrit, and testosterone levels. <i>BJU International</i> , 2016 , 118, 994-1000	5.6	22
109	Patient reported outcome measures and quality of life assessment in genital gender confirming surgery. <i>Translational Andrology and Urology</i> , 2019 , 8, 228-240	2.3	21
108	Single-cell analysis of the developing human testis reveals somatic niche cell specification and fetal germline stem cell establishment. <i>Cell Stem Cell</i> , 2021 , 28, 764-778.e4	18	21
107	Selective androgen receptor modulators: the future of androgen therapy?. <i>Translational Andrology and Urology</i> , 2020 , 9, S135-S148	2.3	21
106	The impact of SARS-CoV-2 and COVID-19 on male reproduction and men's health. <i>Fertility and Sterility</i> , 2021 , 115, 813-823	4.8	20
105	Micro-electrophoresis: a noninvasive method of sperm selection based on membrane charge. <i>Fertility and Sterility</i> , 2015 , 103, 361-6.e3	4.8	18
104	Male endocrine dysfunction. <i>Urologic Clinics of North America</i> , 2014 , 41, 39-53	2.9	18
103	High-grade renal injuries are often isolated in sports-related trauma. <i>Injury</i> , 2015 , 46, 1245-9	2.5	17
102	Fertility treatment in spinal cord injury and other neurologic disease. <i>Translational Andrology and Urology</i> , 2016 , 5, 102-16	2.3	17
101	Childhood Cancer Risk in the Siblings and Cousins of Men with Poor Semen Quality. <i>Journal of Urology</i> , 2017 , 197, 898-905	2.5	16
100	Amniotic therapeutic biomaterials in urology: current and future applications. <i>Translational Andrology and Urology</i> , 2017 , 6, 943-950	2.3	16
99	Total Motile Sperm Count Trend Over Time: Evaluation of Semen Analyses From 119,972 Men From Subfertile Couples. <i>Urology</i> , 2019 , 132, 109-116	1.6	16
98	Sperm concentration is poorly associated with hypoandrogenism in infertile men. <i>Urology</i> , 2015 , 85, 1062-1067	1.6	15
97	Balancing revenue generation with capacity generation: case distribution, financial impact and hospital capacity changes from cancelling or resuming elective surgeries in the US during COVID-19. <i>BMC Health Services Research</i> , 2020 , 20, 1119	2.9	15
96	A review of inflammation and fibrosis: implications for the pathogenesis of Peyronie's disease. <i>World Journal of Urology</i> , 2020 , 38, 253-261	4	15

95	Spinal cord injury and male infertility-a review of current literature, knowledge gaps, and future research. <i>Translational Andrology and Urology</i> , 2018 , 7, S373-S382	2.3	15
94	Reproductive endocrinologists are the gatekeepers for male infertility care in North America: results of a North American survey on the referral patterns and characteristics of men presenting to male infertility specialists for infertility investigations. <i>Fertility and Sterility</i> , 2019 , 112, 657-662	4.8	14
93	Genetic variation in the locus is associated with erectile dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 11018-11023	11.5	14
92	Psychological Impacts of Male Sexual Dysfunction in Pelvic Cancer Survivorship. <i>Sexual Medicine Reviews</i> , 2019 , 7, 614-626	5.6	13
91	Non-steroidal anti-inflammatory drug (NSAID) use is not associated with erectile dysfunction risk: results from the Prostate Cancer Prevention Trial. <i>BJU International</i> , 2016 , 117, 500-6	5.6	13
90	Demographic and socio-economic differences between men seeking infertility evaluation and those seeking surgical sterilization: from the National Survey of Family Growth. <i>BJU International</i> , 2015 , 116, 288-92	5.6	13
89	Management of adults with prior failed hypospadias surgery. <i>Translational Andrology and Urology</i> , 2014 , 3, 196-204	2.3	13
88	Incidence of urinary extravasation and rate of ureteral stenting after high-grade renal trauma in adults: a meta-analysis. <i>Translational Andrology and Urology</i> , 2018 , 7, S169-S178	2.3	13
87	Harnessing the full potential of reproductive genetics and epigenetics for male infertility in the era of "big data". <i>Fertility and Sterility</i> , 2020 , 113, 478-488	4.8	12
86	Serum Biomarkers of Erectile Dysfunction in Diabetes Mellitus: A Systematic Review of Current Literature. <i>Sexual Medicine Reviews</i> , 2017 , 5, 339-348	5.6	11
85	Combination therapy with clomiphene citrate and anastrozole is a safe and effective alternative for hypoandrogenic subfertile men. <i>BJU International</i> , 2018 , 122, 688-694	5.6	11
84	Management of Radiation Therapy Oncology Group grade 4 urinary adverse events after radiotherapy for prostate cancer. <i>BJU International</i> , 2017 , 119, 700-708	5.6	11
83	Risk of childhood mortality in family members of men with poor semen quality. <i>Human Reproduction</i> , 2017 , 32, 239-247	5.7	11
82	Disruption of human meiotic telomere complex genes TERB1, TERB2 and MAJIN in men with non-obstructive azoospermia. <i>Human Genetics</i> , 2021 , 140, 217-227	6.3	11
81	Glycemic Control and Urinary Tract Infections in Women with Type 1 Diabetes: Results from the DCCT/EDIC. <i>Journal of Urology</i> , 2016 , 196, 1129-35	2.5	10
80	The History of Estrogen Therapy. <i>Sexual Medicine Reviews</i> , 2019 , 7, 416-421	5.6	9
79	Efficacy and Safety of Common Ingredients in Aphrodisiacs Used for Erectile Dysfunction: A Review. <i>Sexual Medicine Reviews</i> , 2020 , 8, 431-442	5.6	9
78	Poor glycemic control is associated with reduced prostate specific antigen concentrations in men with type 1 diabetes. <i>Journal of Urology</i> , 2015 , 193, 786-93	2.5	9

77	Towards a better testicular sperm extraction: novel sperm sorting technologies for non-motile sperm extracted by microdissection TESE. <i>Translational Andrology and Urology</i> , 2020 , 9, S206-S214	2.3	9
76	Emerging Treatments for Erectile Dysfunction: a Review of Novel, Non-surgical Options. <i>Current Urology Reports</i> , 2019 , 20, 44	2.9	8
75	Do paternal semen parameters influence the birth weight or BMI of the offspring? A study from the Utah Population Database. <i>Journal of Assisted Reproduction and Genetics</i> , 2018 , 35, 793-799	3.4	8
74	Age-associated sperm DNA methylation patterns do not directly persist trans-generationally. <i>Epigenetics and Chromatin</i> , 2019 , 12, 74	5.8	8
73	Efficacy of Pressure Regulating Balloon Exchange in Men With Post Artificial Urinary Sphincter Persistent or Recurrent Stress Urinary Incontinence. <i>Urology</i> , 2019 , 123, 252-257	1.6	8
72	Sperm-like-particle (SLP) behavior in curved microfluidic channels. <i>Microfluidics and Nanofluidics</i> , 2019 , 23, 1	2.8	8
71	Male Factor Infertility and Clomiphene Citrate: A Meta-Analysis The Effect of Clomiphene Citrate on Oligospermia. <i>Urology Practice</i> , 2015 , 2, 199-205	0.8	7
70	An Analysis of Popular Online Erectile Dysfunction Supplements. <i>Journal of Sexual Medicine</i> , 2019 , 16, 843-852	1.1	7
69	Surgical Management of Ureteral Strictures Arising From Radiotherapy for Prostate Cancer. <i>Urology Case Reports</i> , 2016 , 6, 47-9	0.5	7
68	Diagnosis and management of urinary extravasation after high-grade renal trauma. <i>Nature Reviews Urology</i> , 2019 , 16, 54-64	5.5	7
67	A systematic evaluation of youtube as an information source for male infertility. <i>International Journal of Impotence Research</i> , 2021 , 33, 611-615	2.3	6
66	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. <i>PLoS Genetics</i> , 2020 , 16, e1008756	6	6
65	Impacts of Abstinence Time on Semen Parameters in a Large Population-based Cohort of Subfertile Men. <i>Urology</i> , 2017 , 108, 90-95	1.6	6
64	Microfluidic System for Rapid Isolation of Sperm From Microdissection TESE Specimens. <i>Urology</i> , 2020 , 140, 70-76	1.6	5
63	Introduction: Cancer biomarkers and fertility. <i>Fertility and Sterility</i> , 2018 , 109, 4-5	4.8	5
62	Proton-pump inhibitor use does not affect semen quality in subfertile men. <i>Asian Journal of Andrology</i> , 2018 , 20, 290-293	2.8	5
61	Comparative single-cell analysis of biopsies clarifies pathogenic mechanisms in Klinefelter syndrome. <i>American Journal of Human Genetics</i> , 2021 , 108, 1924-1945	11	5
60	Balancing revenue generation with capacity generation: Case distribution, financial impact and hospital capacity changes from cancelling or resuming elective surgeries in the US during COVID-19 2020 ,		5

59	Blood pressure, antihypertensive medication use, and risk of erectile dysfunction in men with type I diabetes. <i>Journal of Hypertension</i> , 2019 , 37, 1070-1076	1.9	5
58	Effects of SARS CoV-2, COVID-19, and its vaccines on male sexual health and reproduction: where do we stand?. <i>International Journal of Impotence Research</i> , 2021 ,	2.3	4
57	Optimal Endocrine Evaluation and Treatment of Male Infertility. <i>Urologic Clinics of North America</i> , 2020 , 47, 139-146	2.9	4
56	Erectile Dysfunction and Peyronie's Disease: Genetic Diseases?. <i>European Urology Focus</i> , 2020 , 6, 572-574	3.1	4
55	Obstructive Sleep Apnea and Testosterone Therapy. <i>Sexual Medicine Reviews</i> , 2021 , 9, 296-303	5.6	4
54	Role of the sperm, oocyte, and embryo in recurrent pregnancy loss. <i>Fertility and Sterility</i> , 2021 , 115, 533-537	4.37	4
53	Infrapubic Insertion of Penile Implants in Transmen After Phalloplasty. <i>Urology</i> , 2021 , 152, 79-83	1.6	4
52	Baseline Gonadotropin Levels and Testosterone Response in Hypogonadal Men Treated With Clomiphene Citrate. <i>Urology</i> , 2020 , 142, 119-124	1.6	3
51	Using sperm testing to improve patient and offspring health: rational, evidence-based care of the infertile male in the ART clinic. <i>Translational Andrology and Urology</i> , 2017 , 6, S443-S445	2.3	3
50	Claims-based analysis of male infertility: a cautious step in the right direction. <i>Fertility and Sterility</i> , 2016 , 105, 599-600	4.8	3
49	Transgenerational effects of chemotherapy: Both male and female children born to women exposed to chemotherapy have fewer children. <i>Cancer Epidemiology</i> , 2018 , 56, 1-5	2.8	3
48	Use of Ultrasound in Male Infertility: Appropriate Selection of Men for Scrotal Ultrasound. <i>Current Urology Reports</i> , 2018 , 19, 58	2.9	3
47	Longitudinal Patterns of Occurrence and Remission of Erectile Dysfunction in Men With Type 1 Diabetes. <i>Journal of Sexual Medicine</i> , 2017 , 14, 1187-1194	1.1	3
46	Urethral Trauma Following Pelvic Fracture From Horseback Saddle Horn Injury Versus Other Mechanisms of Pelvic Trauma. <i>Urology</i> , 2019 , 124, 260-263	1.6	3
45	Erectile Dysfunction and Treatment: An Analysis of Associated Chronic Health Conditions. <i>Urology</i> , 2021 ,	1.6	3
44	Management of a Case of Severe Pelvic Fracture Related Bladder Trauma. <i>Urology Case Reports</i> , 2015 , 3, 32-4	0.5	2
43	Obesity and Baseline Estradiol Levels Are Independent Predictors for Initiation of Anastrozole in Hypogonadal Men on Clomiphene Citrate. <i>World Journal of Men's Health</i> , 2020 , 38, 582-590	6.8	2
42	Psychiatric Comorbidities and Sexual Health. <i>Current Sexual Health Reports</i> , 2020 , 12, 91-100	1.2	2

41	Semen parameter thresholds and time-to-conception in subfertile couples: how high is high enough?. <i>Human Reproduction</i> , 2021 , 36, 2121-2133	5.7	2
40	The implications of infertility for cancer patients: More than just having kids after cancer treatment?. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020 , 38, 8-9	2.8	2
39	A Prospective Study of Patient-reported Pain After Bulbar Urethroplasty. <i>Urology</i> , 2018 , 117, 156-162	1.6	1
38	Management of blunt renal trauma in a crossed fused ectopic kidney. <i>Urology Case Reports</i> , 2018 , 18, 38-40	0.5	1
37	The bull's-eye sign: A hallmark radiologic sign of complete ureteropelvic junction disruption after blunt renal trauma. <i>Urology Case Reports</i> , 2018 , 17, 91-93	0.5	1
36	A Review of Genome Wide Association Studies for Erectile Dysfunction. <i>Current Sexual Health Reports</i> , 2019 , 11, 342-347	1.2	1
35	Use of fresh versus cryopreserved sperm. <i>Fertility and Sterility</i> , 2014 , 101, e12	4.8	1
34	Finasteride and male infertility: a case for prospective collaborative research databases?. <i>Fertility and Sterility</i> , 2013 , 100, 1528-9	4.8	1
33	Long-Term Surgical Management of Severe Pelvic Injury and Resulting Neurogenic Bladder From an Improvised Explosive Device. <i>Federal Practitioner: for the Health Care Professionals of the VA, DoD, and PHS</i> , 2016 , 33, 22-26	0.7	1
32	One size does not fit all: variations by ethnicity in demographic characteristics of men seeking fertility treatment across North America. <i>Fertility and Sterility</i> , 2021 , 116, 1287-1294	4.8	1
31	Urologic conditions associated with malignancy. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020 , 38, 23-30	2.8	1
30	Risk factors for orgasmic and concomitant erectile dysfunction in men with type 1 diabetes: a cross-sectional study. <i>International Journal of Impotence Research</i> , 2021 , 33, 59-66	2.3	1
29	Nephrectomy is Associated with Increased Mortality after Renal Trauma: An Analysis of the National Trauma Data Bank from 2007-2016. <i>Journal of Urology</i> , 2021 , 205, 841-847	2.5	1
28	Masculinizing gender-affirming surgery for trans men and non-binary individuals: what you should know. <i>Fertility and Sterility</i> , 2021 , 116, 924-930	4.8	1
27	Unwinding Fibrosis in Peyronie's Disease. <i>Journal of Sexual Medicine</i> , 2020 , 17, 835-837	1.1	0
26	Male Voiding Behavior: Insight from 19,824 At-Home Uroflow Profiles. <i>Journal of Urology</i> , 2021 , 205, 1126-1132	2.5	0
25	Impact of chemotherapy on subsequent generations. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020 , 38, 10-13	2.8	0
24	Lower total motile count is associated with smaller historic intergenerational family size: a pedigree analysis from the Utah Population Database. <i>Journal of Assisted Reproduction and Genetics</i> , 2021 , 38, 1207-1213	3.4	0

23	Does diabetes mellitus predispose to both rotator cuff surgery and subsequent failure?. <i>JSES International</i> , 2021 , 5, 636-641	1.2	0
22	"The Back-up Vasectomy Reversal." Simultaneous Sperm Retrieval and Vasectomy Reversal in the Couple With Advanced Maternal Age: A Cost-Effectiveness Analysis. <i>Urology</i> , 2021 , 153, 175-180	1.6	0
21	The Impact of Physician Productivity Models on Access to Subspecialty Care: A White Paper From the Society for the Study of Male Reproduction and the Society for Male Reproduction and Urology. <i>Urology</i> , 2021 , 153, 28-34	1.6	0
20	Stretched penile length and its associations with testosterone and infertility. <i>Translational Andrology and Urology</i> , 2021 , 10, 49-55	2.3	0
19	The Effect of Sex Hormone Deficiency on the Incidence of Rotator Cuff Repair: Analysis of a Large Insurance Database.. <i>Journal of Bone and Joint Surgery - Series A</i> , 2022 , 104, 774-779	5.6	0
18	MicroRNA: a step beyond bulk seminal parameters?. <i>Fertility and Sterility</i> , 2015 , 104, 554	4.8	
17	AUTHOR REPLY. <i>Urology</i> , 2020 , 140, 75-76	1.6	
16	DNA fragmentation: a skeptic sees a bright future. <i>Translational Andrology and Urology</i> , 2017 , 6, S334	2.3	
15	Lower female partner live birth rate in male cancer survivors: An age-matched cohort analysis of the Utah Population Database. <i>Andrologia</i> , 2021 , e14293	2.4	
14	Response to the Letter-to-the-Editor: "Erectile Dysfunction and Treatment: An Analysis of Associated Chronic Health Conditions". <i>Urology</i> , 2021 ,	1.6	
13	Re: Are WHO Recommendations to Perform 2 Consecutive Semen Analyses for Reliable Diagnosis of Male Infertility Still Valid?. <i>Journal of Urology</i> , 2019 , 202, 1057-1058	2.5	
12	Erectile Dysfunction: Could It Be Genetic?. <i>Journal of Sexual Medicine</i> , 2020 , 17, 1239-1241	1.1	
11	Reply by Authors. <i>Journal of Urology</i> , 2021 , 205, 1132	2.5	
10	Statin Medications and Development and Progression of Benign Prostatic Hyperplasia and Lower Urinary Tract Symptoms. <i>Current Bladder Dysfunction Reports</i> , 2016 , 11, 146-152	0.4	
9	Reply to Liu et al.: Tissue specificity of gene expression and erectile dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 3349-3350	11.5	
8	Use of secondary contraception following vasectomy: insights from the Pregnancy Risk Assessment Monitoring System, 2007-2011. <i>Translational Andrology and Urology</i> , 2018 , 7, S264-S270	2.3	
7	Knowledge gaps in male fertility. <i>Translational Andrology and Urology</i> , 2018 , 7, S262-S263	2.3	
6	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure 2020 , 16, e1008756		

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