

Selahittin ayan

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95 papers	3,154 citations	32 h-index	54 g-index
109 ext. papers	3,544 ext. citations	2.2 avg, IF	5.01 L-index

#	Paper	IF	Citations
95	Treatment of palpable varicocele in infertile men: a meta-analysis to define the best technique. <i>Journal of Andrology</i> , 2009 , 30, 33-40		234
94	The prevalence of female sexual dysfunction and potential risk factors that may impair sexual function in Turkish women. <i>Urologia Internationalis</i> , 2004 , 72, 52-7	1.9	205
93	Comparison of results and complications of high ligation surgery and microsurgical high inguinal varicoectomy in the treatment of varicocele. <i>Urology</i> , 2000 , 55, 750-4	1.6	152
92	The prevalence of varicocele and varicocele-related testicular atrophy in Turkish children and adolescents. <i>BJU International</i> , 2000 , 86, 490-3	5.6	142
91	The assessment of sexual functions in women with male partners complaining of erectile dysfunction: does treatment of male sexual dysfunction improve female partner's sexual functions?. <i>Journal of Sex and Marital Therapy</i> , 2004 , 30, 333-41	2.7	114
90	Can varicoectomy significantly change the way couples use assisted reproductive technologies?. <i>Journal of Urology</i> , 2002 , 167, 1749-52	2.5	112
89	Prevalence of the complaint of ejaculating prematurely and the four premature ejaculation syndromes: results from the Turkish Society of Andrology Sexual Health Survey. <i>Journal of Sexual Medicine</i> , 2011 , 8, 540-8	1.1	110
88	The effect of microsurgical varicoectomy on serum follicle stimulating hormone, testosterone and free testosterone levels in infertile men with varicocele. <i>BJU International</i> , 1999 , 84, 1046-9	5.6	92
87	The effect of testosterone therapy on lower urinary tract symptoms/bladder and sexual functions in men with symptomatic late-onset hypogonadism. <i>Aging Male</i> , 2008 , 11, 146-9	2.1	88
86	Effect of diabetes mellitus on female sexual function and risk factors. <i>Archives of Andrology</i> , 2005 , 51, 1-6		85
85	The effect of varicocele repair on testicular volume in children and adolescents with varicocele. <i>Journal of Urology</i> , 2002 , 168, 731-4	2.5	80
84	Microsurgical inguinal varicocele repair in azoospermic men. <i>Urology</i> , 2001 , 57, 328-33	1.6	75
83	Adolescent varicocele repair: long-term results and comparison of surgical techniques according to optical magnification use in 100 cases at a single university hospital. <i>Journal of Urology</i> , 2005 , 174, 2003-6; discussion 2006-7	2.5	70
82	The effect of aromatase inhibitor letrozole on body mass index, serum hormones, and sperm parameters in infertile men. <i>Fertility and Sterility</i> , 2011 , 95, 809-11	4.8	66
81	Color Doppler ultrasound assessment of penile vascular system in men with Peyronie's disease. <i>International Journal of Impotence Research</i> , 2000 , 12, 263-7	2.3	64
80	Birth after intracytoplasmic sperm injection with use of testicular sperm from men with Kartagener/immotile cilia syndrome. <i>Fertility and Sterility</i> , 2001 , 76, 612-4	4.8	62
79	Response to varicoectomy in oligospermic men with and without defined genetic infertility. <i>Urology</i> , 2001 , 57, 530-5	1.6	62

78	Effect of serum total testosterone and its relationship with other laboratory parameters on the prognosis of coronavirus disease 2019 (COVID-19) in SARS-CoV-2 infected male patients: a cohort study. <i>Aging Male</i> , 2020 , 23, 1493-1503	2.1	51
77	The comparison of premature ejaculation assessment questionnaires and their sensitivity for the four premature ejaculation syndromes: results from the Turkish society of andrology sexual health survey. <i>Journal of Sexual Medicine</i> , 2011 , 8, 1177-85	1.1	49
76	A comparison of ICSI outcomes with fresh and cryopreserved epididymal spermatozoa from the same couples. <i>Human Reproduction</i> , 2001 , 16, 495-9	5.7	49
75	Mast cells and fibrosis on testicular biopsies in male infertility. <i>Archives of Andrology</i> , 2002 , 48, 337-44		49
74	Protective effect of vascular endothelial growth factor on histologic changes in testicular ischemia-reperfusion injury. <i>Fertility and Sterility</i> , 2005 , 84, 468-73	4.8	41
73	The bladder acellular matrix graft in a rat chemical cystitis model: functional and histologic evaluation. <i>Journal of Urology</i> , 2002 , 168, 798-804	2.5	41
72	Bladder metastasis of malignant melanoma: a case report and review of literature. <i>Medical Oncology</i> , 2011 , 28 Suppl 1, S667-9	3.7	38
71	The effect of vascular endothelial growth factor on spermatogenesis and apoptosis in experimentally varicocele-induced adolescent rats. <i>Fertility and Sterility</i> , 2009 , 91, 2247-52	4.8	38
70	The effect of poly (adenosine diphosphate-ribose) polymerase inhibitors on biochemical changes in testicular ischemia-reperfusion injury. <i>Journal of Urology</i> , 2003 , 169, 1870-3	2.5	38
69	How reliable are bladder perceptions during cystometry?. <i>Neurourology and Urodynamics</i> , 2004 , 23, 306-9; discussion 10	2.3	37
68	Posttraumatic high-flow priapism treated by N-butyl-cyanoacrylate embolization. <i>CardioVascular and Interventional Radiology</i> , 1996 , 19, 278-280	2.7	35
67	Does response to treatment of ejaculatory duct obstruction in infertile men vary with pathology?. <i>Fertility and Sterility</i> , 2001 , 76, 138-42	4.8	33
66	The effect of testosterone replacement therapy on bladder functions and histology in orchiectomized mature male rats. <i>Urology</i> , 2010 , 75, 886-90	1.6	32
65	Botulinum toxin type A may improve bladder function in a rat chemical cystitis model. <i>Urological Research</i> , 2003 , 30, 399-404		32
64	Prevalence of sexual dysfunction and urinary incontinence and associated risk factors in Turkish women. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016 , 203, 303-8	2.4	32
63	The efficacy of recombinant human follicle-stimulating hormone in the treatment of various types of male-factor infertility at a single university hospital. <i>Journal of Andrology</i> , 2009 , 30, 679-84		31
62	Sexual dysfunction and associated risk factors in women with end-stage renal disease. <i>Journal of Sexual Medicine</i> , 2008 , 5, 872-877	1.1	31
61	Inhibition of poly(adenosine diphosphate-ribose) polymerase decreases long-term histologic damage in testicular ischemia-reperfusion injury. <i>Urology</i> , 2004 , 63, 791-5	1.6	31

60	Diagnosis of pediatric varicoceles by physical examination and ultrasonography and measurement of the testicular volume: using the prader orchidometer versus ultrasonography. <i>Urologia Internationalis</i> , 2002 , 69, 293-6	1.9	31
59	Protective effect of trapidil on long-term histologic damage in a rat model of testicular ischemia-reperfusion injury. <i>World Journal of Urology</i> , 2009 , 27, 117-22	4	30
58	Voiding impairment after prostate biopsy: does tamsulosin treatment before biopsy decrease this morbidity?. <i>Urology</i> , 2003 , 62, 1050-3	1.6	30
57	The assessment of constipation in monosymptomatic primary nocturnal enuresis. <i>International Urology and Nephrology</i> , 2001 , 33, 513-6	2.3	30
56	Paternity Rates and Time to Conception in Adolescents with Varicocele Undergoing Microsurgical Varicocele Repair vs Observation Only: A Single Institution Experience with 408 Patients. <i>Journal of Urology</i> , 2017 , 198, 195-201	2.5	28
55	Seminal vesicle sperm aspiration in the diagnosis of ejaculatory duct obstruction. <i>BJU International</i> , 1999 , 84, 1050-3	5.6	28
54	Does the positive intracavernous papaverine test always indicate a normal penile vascular system?. <i>European Urology</i> , 1997 , 31, 323-8	10.2	24
53	Sexual function after surgery for stress urinary incontinence: vaginal sling versus Burch colposuspension. <i>Archives of Gynecology and Obstetrics</i> , 2008 , 277, 31-6	2.5	24
52	The effect of testosterone alone and testosterone + estradiol therapy on bladder functions and smooth muscle/collagen content in surgically menopause induced rats. <i>Maturitas</i> , 2008 , 60, 248-52	5	21
51	The effect of tamoxifen on bladder functions and histology, and the role of estrogen receptor beta in a rat chemical cystitis model. <i>Neurourology and Urodynamics</i> , 2007 , 26, 309-16	2.3	21
50	Is routine urinary tract investigation necessary for children with monosymptomatic primary nocturnal enuresis?. <i>Urology</i> , 2001 , 58, 598-602	1.6	21
49	Prevalence of erectile dysfunction in men over 40 years of age in Turkey: Results from the Turkish Society of Andrology Male Sexual Health Study Group. <i>Turkish Journal of Urology</i> , 2017 , 43, 122-129	1.3	21
48	Complications of transrectal ultrasound-guided 12-core prostate biopsy: a single center experience with 2049 patients. <i>Turk Uroloji Dergisi</i> , 2013 , 39, 6-11		20
47	Primary penile venous leakage surgery with crural ligation in men with erectile dysfunction. <i>Journal of Urology</i> , 2008 , 180, 1056-9	2.5	18
46	Periprostatic lidocaine infiltration and/or synthetic opioid (meperidine or tramadol) administration have no analgesic benefit during prostate biopsy. A prospective randomized double-blind placebo-controlled study comparing different methods. <i>Urologia Internationalis</i> , 2004 , 72, 308-11	1.9	18
45	The effect of testosterone treatment on prostate histology and apoptosis in men with late-onset hypogonadism. <i>Aging Male</i> , 2016 , 19, 79-84	2.1	18
44	Interferon alpha-2b may impair testicular histology including spermatogenesis in a rat model. <i>Archives of Andrology</i> , 2004 , 50, 379-85		15
43	Comparison of Long-Term Results and Couples' Satisfaction with Penile Implant Types and Brands: Lessons Learned From 883 Patients With Erectile Dysfunction Who Underwent Penile Prosthesis Implantation. <i>Journal of Sexual Medicine</i> , 2019 , 16, 1092-1099	1.1	14

42	Fate of Recurrent or Persistent Varicocele in the Era of Assisted Reproduction Technology: Microsurgical Subinguinal Redo Varicocelectomy Versus Observation. <i>Urology</i> , 2018 , 117, 64-69	1.6	14
41	Is selective internal spermatic venography necessary in detecting recurrent varicocele after surgical repair?. <i>European Urology</i> , 2001 , 40, 404-8	10.2	14
40	Rho-kinase levels in testicular ischemia-reperfusion injury and effects of its inhibitor, Y-27632, on oxidative stress, spermatogenesis, and apoptosis. <i>Urology</i> , 2014 , 83, 675.e13-8	1.6	13
39	Effect of fexofenadine, a mast cell blocker, in infertile men with significantly increased testicular mast cells. <i>Asian Journal of Andrology</i> , 2002 , 4, 291-4	2.8	12
38	The effect of chronic inflammatory condition of the bladder and estrogen replacement therapy on bladder functions and histology in surgically menopause and chronic cystitis induced rats. <i>Neurourology and Urodynamics</i> , 2006 , 25, 194-201	2.3	11
37	A comparison of four different alpha1-blockers in benign prostatic hyperplasia patients with and without diabetes. <i>Scandinavian Journal of Urology and Nephrology</i> , 2004 , 38, 391-5		11
36	Effect of administration mode (patient vs physician) and patient's educational level on the Turkish version of the International Prostate Symptom Score. <i>International Journal of Urology</i> , 2002 , 9, 417-21	2.3	11
35	The Effect of Testosterone Replacement Therapy on Penile Hemodynamics in Hypogonadal Men With Erectile Dysfunction, Having Venous Occlusive Dysfunction. <i>American Journal of Men's Health</i> , 2018 , 12, 634-638	2.2	10
34	Comparison of Patient's Satisfaction and Long-term Results of 2 Penile Plication Techniques: Lessons Learned From 387 Patients With Penile Curvature. <i>Urology</i> , 2019 , 129, 106-112	1.6	9
33	Diagnostic value of renal parenchymal density difference on unenhanced helical computed tomography scan in acutely obstructing ureteral stone disease. <i>Urology</i> , 2004 , 64, 223-6; discussion 226-7	1.6	9
32	Update on the novel management and future paternity situation in adolescents with varicocele. <i>Turkish Journal of Urology</i> , 2017 , 43, 241-246	1.3	8
31	Efficacy and tolerability of udenafil in Turkish men with erectile dysfunction of psychogenic and organic aetiology: a randomized, double-blind, placebo-controlled study. <i>Andrology</i> , 2013 , 1, 549-55	4.2	8
30	Prevalence of male pelvic dysfunction: results from the Turkish society of andrology male sexual health study group. <i>Andrology</i> , 2014 , 2, 219-24	4.2	8
29	The effect of renal transplantation for end-stage renal disease on female sexual function and depression. <i>Journal of Sexual Medicine</i> , 2010 , 7, 3963-8	1.1	8
28	Is routine hormonal measurement necessary in initial evaluation of men with erectile dysfunction?. <i>Archives of Andrology</i> , 2004 , 50, 247-53		8
27	Is there a relation between irritable Bowel syndrome and urinary stone disease?. <i>Digestive Diseases and Sciences</i> , 2005 , 50, 605-8	4	8
26	Wound infiltration with bupivacaine and intramuscular diclofenac reduces postoperative tramadol consumption in patients undergoing radical retropubic prostatectomy: a prospective, double-blind, placebo-controlled, randomized study. <i>Urology</i> , 2011 , 78, 1281-5	1.6	7
25	Systematic review of treatment methods for recurrent varicoceles to compare post-treatment sperm parameters, pregnancy and complication rates. <i>Andrologia</i> , 2019 , 51, e13419	2.4	6

24	Hyperventilation response in the electroencephalogram and psychiatric problems in children with primary monosymptomatic nocturnal enuresis. <i>Scandinavian Journal of Urology and Nephrology</i> , 2003 , 37, 471-6		6
23	The results of ultrasound-guided percutaneous nephrostomy tube placement for obstructive uropathy: A single-centre 10-year experience. <i>Turkish Journal of Urology</i> , 2018 , 44, 329-334	1.3	6
22	Does the testicular apoptotic index vary with serum gonadotropins and testicular histopathology in infertile men?. <i>Urologia Internationalis</i> , 2009 , 83, 349-53	1.9	5
21	Prenatal diagnosis of penoscrotal hypospadias and review of the literature. <i>Turk Uroloji Dergisi</i> , 2013 , 39, 116-8		4
20	Touch imprint cytology in biopsy of the infertile testis. <i>Acta Cytologica</i> , 2001 , 45, 990-4	3	4
19	Effect of Varicocele and Its Treatment on Testosterone in Hypogonadal Men with Varicocele: Review of the Literature. <i>Balkan Medical Journal</i> , 2020 , 37, 121-124	1.5	4
18	Posttraumatic high-flow priapism treated by N-butyl-cyanoacrylate embolization 1996 , 19, 278		4
17	The presence of SARS-CoV-2 virus in semen samples of patients with COVID-19 pneumonia. <i>Andrologia</i> , 2021 , 53, e14145	2.4	4
16	The short-term efficacy of intravesical instillation of hyaluronic acid treatment for bladder pain syndrome/interstitial cystitis. <i>Turkish Journal of Urology</i> , 2019 , 45, 129-134	1.3	3
15	The effect of partial and total laryngectomy on couples' sexual functions in men with larynx cancer. <i>European Archives of Oto-Rhino-Laryngology</i> , 2020 , 277, 3397-3402	3.5	3
14	Effect of terazosin on the lipid profile in patients with symptomatic benign prostatic hyperplasia. <i>Urologia Internationalis</i> , 2001 , 67, 156-9	1.9	3
13	Do antioxidants improve serum sex hormones and total motile sperm count in idiopathic infertile men?. <i>Turkish Journal of Urology</i> , 2020 , 46, 442-448	1.3	3
12	Urinary Mycobacterium fortuitum infection in an HIV-infected patient. <i>Aids</i> , 2000 , 14, 2802-3	3.5	3
11	Prostate-specific antigen decline pattern in advanced prostate cancer receiving androgen deprivation therapy and relationship with prostate-specific antigen progression. <i>Aging Male</i> , 2017 , 20, 175-183	2.1	2
10	Effect of microsurgical varicocele repair on sexual functions and testosterone in hypogonadal infertile men with varicocele. <i>Aging Male</i> , 2020 , 23, 1366-1373	2.1	2
9	Long Term Outcomes and Couples Satisfaction with Three-Piece Inflatable Penile Prosthesis Surgery in the Treatment of Erectile Dysfunction 2010 , 30, 1965-1970		2
8	Hemospermia is rarely related to genitourinary cancer: lessons learned from 15 years of experience with 342 cases. <i>International Journal of Impotence Research</i> , 2021 , 33, 627-633	2.3	2
7	Fertility outcomes and predictors for successful sperm retrieval and pregnancy in 327 azoospermic men with a history of cryptorchidism who underwent microdissection testicular sperm extraction. <i>Andrology</i> , 2021 , 9, 253-259	4.2	2

6	PD68-11 FATE OF RECURRENT OR PERSISTENT VARICOCELE IN THE ERA OF ASSISTED REPRODUCTION TECHNOLOGY: MICROSURGICAL SUBINGUINAL REDO VARICOCELECTOMY VERSUS OBSERVATION. <i>Journal of Urology</i> , 2017 , 197,	2.5	1
5	Retrospective analysis of factors affecting sperm retrieval with microscopic testicular sperm extraction in infertile men with Klinefelter syndrome: A multicentre study.. <i>Andrologia</i> , 2022 , e14379	2.4	0
4	Editorial Commentary on "Erectile Dysfunction: An Umbrella Review of Meta-Analyses of Risk Factors, Treatment, and Prevalence Outcomes". <i>Journal of Sexual Medicine</i> , 2019 , 16, 1118	1.1	
3	Higher efficiency of frozen embryo transfer in male infertility cases in in vitro fertilization. <i>Turkish Journal of Urology</i> , 2019 , 45, S7-S12	1.3	
2	The effect of testosterone replacement therapy on bladder functions, histology, apoptosis, and Rho-kinase expression in bladder outlet obstruction and hypogonadism rat model. <i>Turkish Journal of Medical Sciences</i> , 2021 , 51, 1491-1499	2.7	
1	Administration of Pharmaceutical Agents Prior to Testicular Sperm Extraction Procedures: A Meaningful or Meaningless Approach?. <i>Current Pharmaceutical Design</i> , 2021 , 27, 2692-2696	3.3	