

Thomas F Kolon

List of Publications by Year in descending order

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112
papers

3,779
citations

126907

33
h-index

133252

59
g-index

120
all docs

120
docs citations

120
times ranked

3084
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation and Treatment of Cryptorchidism: AUA Guideline. Journal of Urology, 2014, 192, 337-345.	0.4	384
2	The Impact of Co-morbidity on Life Expectancy Among Men with Localized Prostate Cancer. Journal of Urology, 1996, 156, 127-132.	0.4	227
3	Nerve Sparing Robotic Extravesical Ureteral Reimplantation. Journal of Urology, 2008, 179, 1987-1990.	0.4	190
4	Prepubertal human spermatogonia and mouse gonocytes share conserved gene expression of germline stem cell regulatory molecules. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21672-21677.	7.1	177
5	Surgery in disorders of sex development (DSD) with a gender issue: If (why), when, and how?. Journal of Pediatric Urology, 2016, 12, 139-149.	1.1	160
6	A MULTICENTER OUTCOMES ANALYSIS OF PATIENTS WITH NEONATAL REFLUX PRESENTING WITH PRENATAL HYDRONEPHROSIS. Journal of Urology, 1999, 162, 1203-1208.	0.4	136
7	Experience With Testis Sparing Surgery for Testicular Teratoma. Journal of Urology, 2004, 171, 161-163.	0.4	119
8	Pediatric Flexible Ureteroscopic Lithotripsy: The Children's Hospital of Philadelphia Experience. Journal of Urology, 2008, 180, 2616-2619.	0.4	115
9	What is new with 22q? An update from the 22q and You Center at the Children's Hospital of Philadelphia. American Journal of Medical Genetics, Part A, 2018, 176, 2058-2069.	1.2	106
10	Transient Asynchronous Testicular Growth in Adolescent Males With a Varicocele. Journal of Urology, 2008, 180, 1111-1115.	0.4	99
11	Intermediate-Term Followup of Proximal Hypospadias Repair Reveals High Complication Rate. Journal of Urology, 2017, 197, 852-858.	0.4	99
12	Testicular tissue cryopreservation in prepubertal male children: An analysis of parental decision-making. Pediatric Blood and Cancer, 2014, 61, 1673-1678.	1.5	86
13	Testicular endothelial cells are a critical population in the germline stem cell niche. Nature Communications, 2018, 9, 4379.	12.8	85
14	Cytokines stimulate lipid membrane peroxidation of human sperm. Fertility and Sterility, 1994, 62, 186-188.	1.0	79
15	THE DORSAL INLAY GRAFT FOR HYOSPADIAS REPAIR. Journal of Urology, 2000, 163, 1941-1943.	0.4	78
16	ANALYSIS OF HOMEBOX GENE HOXA10 MUTATIONS IN CRYPTORCHIDISM. Journal of Urology, 1999, 161, 275-280.	0.4	77
17	Cryptorchidism: diagnosis, treatment, and long-term prognosis. Urologic Clinics of North America, 2004, 31, 469-480.	1.8	72
18	TESTICULAR MICROLITHIASIS AND ANTISPERM ANTIBODIES FOLLOWING TESTICULAR BIOPSY IN BOYS WITH CRYPTORCHIDISM. Journal of Urology, 2005, 174, 2008-2010.	0.4	71

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19	Cryptorchidism: Pathogenesis, Diagnosis, Treatment and Prognosis. Urologic Clinics of North America, 2010, 37, 183-193.	1.8	62
20	The physical characteristics of young males with varicocele. BJU International, 2004, 94, 624-626.	2.5	53
21	CLINICAL AND MOLECULAR ANALYSIS OF XX SEX REVERSED PATIENTS. Journal of Urology, 1998, 160, 1169-1172.	0.4	50
22	Fertility in disorders of sex development: A review. Journal of Pediatric Urology, 2016, 12, 418-425.	1.1	48
23	Histology of Testicular Biopsies Obtained for Experimental Fertility Preservation Protocol in Boys with Cancer. Journal of Urology, 2015, 194, 1420-1424.	0.4	46
24	Undescended Testis Histology Correlation with Adult Hormone Levels and Semen Analysis. Journal of Urology, 2012, 188, 1429-1435.	0.4	42
25	Fertility preservation strategies for male patients with cancer. Nature Reviews Urology, 2013, 10, 463-472.	3.8	42
26	Psychological Adjustment of Parents of Children Born with Atypical Genitalia 1 Year after Genitoplasty. Journal of Urology, 2017, 198, 914-920.	0.4	42
27	Evaluation and Management of the Adolescent Varicocele. Journal of Urology, 2015, 194, 1194-1201.	0.4	41
28	Early Hospital Discharge for Intravesical Ureteroneocystostomy. Journal of Urology, 2002, 167, 2556-2559.	0.4	39
29	Malignancy in disorders of sex development. Translational Andrology and Urology, 2016, 5, 794-798.	1.4	39
30	Establishing a Standard Protocol for the Voiding Cystourethrography. Pediatrics, 2016, 138, .	2.1	38
31	A Practical Approach to Ambiguous Genitalia in the Newborn Period. Urologic Clinics of North America, 2010, 37, 195-205.	1.8	36
32	The natural history of semen parameters in untreated asymptomatic adolescent varicocele patients: A retrospective cohort study. Journal of Pediatric Urology, 2017, 13, 77.e1-77.e5.	1.1	36
33	UPPER URINARY TRACT MANIFESTATIONS OF THE VACTERL ASSOCIATION. Journal of Urology, 2000, 163, 1949-1951.	0.4	35
34	COMPARISON OF SINGLE VERSUS MULTIPLE DOSE REGIMENS FOR THE HUMAN CHORIONIC GONADOTROPIN STIMULATORY TEST. Journal of Urology, 2001, 166, 1451-1454.	0.4	35
35	Active Surveillance of the Adolescent with Varicocele: Predicting Semen Outcomes from Ultrasound. Journal of Urology, 2014, 191, 1401-1406.	0.4	34
36	Fertility Preservation in Children and Adolescents With Cancer. Urology, 2016, 91, 190-196.	1.0	34

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37	Malignant Sertoli Cell Tumor in a Prepubescent Boy. <i>Journal of Urology</i> , 1997, 158, 608-609.	0.4	33
38	Time to Complication Detection after Primary Pediatric Hypospadias Repair: A Large, Single Center, Retrospective Cohort Analysis. <i>Journal of Urology</i> , 2020, 204, 338-344.	0.4	31
39	Nephron-sparing partial nephrectomy for bilateral Wilms' tumor. <i>Journal of Pediatric Surgery</i> , 2012, 47, 1234-1238.	1.6	29
40	Developing a Hospital-Wide Fertility Preservation Service for Pediatric and Young Adult Patients. <i>Journal of Adolescent Health</i> , 2017, 61, 571-576.	2.5	27
41	Gene expression alterations in cryptorchid males using spermatozoal microarray analysis. <i>Fertility and Sterility</i> , 2009, 92, 182-187.	1.0	25
42	Pathway analysis supports association of nonsyndromic cryptorchidism with genetic loci linked to cytoskeleton-dependent functions. <i>Human Reproduction</i> , 2015, 30, 2439-2451.	0.9	23
43	Changes in levels of parental distress after their child with atypical genitalia undergoes genitoplasty. <i>Journal of Pediatric Urology</i> , 2017, 13, 32.e1-32.e6.	1.1	23
44	A practical approach to intersex in the newborn period. <i>Urologic Clinics of North America</i> , 2004, 31, 435-443.	1.8	21
45	Prospective assessment of cosmesis before and after genital surgery. <i>Journal of Pediatric Urology</i> , 2017, 13, 28.e1-28.e6.	1.1	21
46	Single institution experience with telemedicine for pediatric urology outpatient visits: Adapting to COVID-19 restrictions, patient satisfaction, and future utilization. <i>Journal of Pediatric Urology</i> , 2021, 17, 480.e1-480.e7.	1.1	21
47	Reproducibility and Reliability of Semen Analysis in Youths at Risk for Infertility. <i>Journal of Urology</i> , 2013, 190, 683-688.	0.4	19
48	PRENATAL DIAGNOSIS OF VACTERL ASSOCIATION. <i>Journal of Urology</i> , 2001, 166, 2389-2391.	0.4	17
49	Urinary Reference Values for Stone Risk Factors in Children. <i>Journal of Urology</i> , 2008, 179, 290-294.	0.4	17
50	Histological Findings in Patients With Cryptorchidism and Testis-Epididymis Nonfusion. <i>Journal of Urology</i> , 2011, 186, 2045-2049.	0.4	17
51	Phenotype Specific Association of the TGFBR3 Locus with Nonsyndromic Cryptorchidism. <i>Journal of Urology</i> , 2015, 193, 1637-1645.	0.4	17
52	Does varicocelectomy improve semen analysis outcomes in adolescents without testicular asymmetry?. <i>Journal of Pediatric Urology</i> , 2017, 13, 76.e1-76.e5.	1.1	17
53	Uncertainty and Posttraumatic Stress: Differences Between Mothers and Fathers of Infants with Disorders of Sex Development. <i>Archives of Sexual Behavior</i> , 2019, 48, 1617-1624.	1.9	16
54	Anomalies of the genitourinary tract in children with 22q11.2 deletion syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 381-385.	1.2	16

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55	Post-operative complications following feminizing genitoplasty in moderate to severe genital atypia: Results from a multicenter, observational prospective cohort study. <i>Journal of Pediatric Urology</i> , 2020, 16, 568-575.	1.1	16
56	Kidney Outcomes and Hypertension in Survivors of Wilms Tumor: A Prospective Cohort Study. <i>Journal of Pediatrics</i> , 2021, 230, 215-220.e1.	1.8	16
57	Custom cryopreservation of human semen. <i>Fertility and Sterility</i> , 1992, 58, 1020-1023.	1.0	15
58	Comparison of testicular volume differential calculations in adolescents with varicoceles. <i>Journal of Pediatric Urology</i> , 2014, 10, 396-398.	1.1	15
59	Histological Examination of Solitary Contralateral Descended Testis in Congenital Absence of Testis. <i>Journal of Urology</i> , 2012, 187, 676-681.	0.4	14
60	Intracytoplasmic sperm injection (ICSI) with transmission of a ring(Y) chromosome and ovotesticular disorder of sex development in offspring. <i>American Journal of Medical Genetics, Part A</i> , 2008, 146A, 1828-1831.	1.2	13
61	Predictors of Psychosocial Distress in Parents of Young Children with Disorders of Sex Development. <i>Journal of Urology</i> , 2019, 202, 1046-1051.	0.4	13
62	Comparison of Semen Analyses in Youths with a History of Cryptorchidism or Varicocele. <i>Journal of Urology</i> , 2013, 190, 1561-1565.	0.4	12
63	Preliminary report: Surgical outcomes following genitoplasty in children with moderate to severe genital atypia. <i>Journal of Pediatric Urology</i> , 2018, 14, 157.e1-157.e8.	1.1	12
64	Parent-Rated Severity of Illness and Anxiety among Caregivers of Children Born with a Disorder of Sex Development Including Ambiguous Genitalia. <i>Hormone Research in Paediatrics</i> , 2018, 90, 308-313.	1.8	12
65	Baseline Characteristics of Infants With Atypical Genital Development: Phenotypes, Diagnoses, and Sex of Rearing. <i>Journal of the Endocrine Society</i> , 2019, 3, 264-272.	0.2	12
66	Cryopreservation of microsurgically extracted ductal sperm: pentoxifylline enhancement of motility. <i>Fertility and Sterility</i> , 1994, 62, 418-420.	1.0	11
67	Distress Trajectories for Parents of Children With DSD: A Growth Mixture Model. <i>Journal of Pediatric Psychology</i> , 2021, 46, 588-598.	2.1	10
68	Severe megacystis and bilateral hydronephrosis in a female fetus. <i>Urology</i> , 2002, 60, 697.	1.0	9
69	Disorders of sexual development. <i>Current Urology Reports</i> , 2008, 9, 172-177.	2.2	9
70	Cryptorchid testis histopathology in myelomeningocele patients. <i>Journal of Pediatric Urology</i> , 2008, 4, 434-437.	1.1	7
71	Back to the future: The Cecil-Culp technique for salvage penile reconstructive procedures. <i>Journal of Pediatric Urology</i> , 2018, 14, 328.e1-328.e7.	1.1	6
72	Total Motile Sperm Count in Adolescent Boys with Varicocele is Associated with Hormone Levels and Total Testicular Volume. <i>Journal of Urology</i> , 2021, 205, 888-894.	0.4	6

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73	Expanding the Use of Nephron-Sparing Surgery for Wilms Tumor. Journal of the National Comprehensive Cancer Network: JNCCN, 2022, 20, 540-546.	4.9	6
74	Persistent Mullerian Duct Syndrome Associated With 47,XXY Genotype. Journal of Urology, 2004, 171, 852-853.	0.4	5
75	THE NEONATAL VANISHING KIDNEY: CONGENITAL AND VASCULAR ETIOLOGIES. Journal of Urology, 2004, 172, 317-318.	0.4	5
76	Hormonal abnormalities leading to disorders of sexual development. Expert Review of Endocrinology and Metabolism, 2009, 4, 161-172.	2.4	5
77	Quantifying Glans Width Changes in Response to Preoperative Androgen Stimulation in Patients Undergoing Hypospadias Repair. Journal of Urology, 2022, 207, 1314-1321.	0.4	5
78	Delayed Presentation of Posterior Urethral Valves in Discordant Twins. Urology, 2012, 79, 1365-1367.	1.0	4
79	The Adolescent Varicocele—A Shakespearean Tragedy or Much Ado About Nothing?. Journal of Urology, 2013, 189, 2024-2025.	0.4	4
80	Genomic copy number variation association study in Caucasian patients with nonsyndromic cryptorchidism. BMC Urology, 2016, 16, 62.	1.4	4
81	Ovotestis in Adolescence: 2 Case Reports. Urology, 2017, 105, 171-174.	1.0	4
82	Post-operative complications following masculinizing genitoplasty in moderate to severe genital atypia: results from a multicenter, observational prospective cohort study. Journal of Pediatric Urology, 2021, 17, 379-386.	1.1	4
83	Varicocele: Early Surgery versus Observation. Journal of Urology, 2014, 192, 645-647.	0.4	3
84	Patient and Caregiver Attitudes toward Disorders of Sex Development Nomenclature. Journal of Urology, 2020, 204, 835-842.	0.4	3
85	Case Report: Nephron-sparing Surgery in a Patient With Bilateral Multifocal Wilms Tumor. Urology, 2018, 119, 146-148.	1.0	2
86	Case report: Ampicillin-induced stone formation causing bilateral ureteral obstruction during pelvic surgery. Urology Case Reports, 2019, 24, 100851.	0.3	2
87	Partially Obstructed Longitudinal Vaginal Septum Presenting in Adulthood With Complaint of Urinary Incontinence. Urology, 2019, 124, 302-305.	1.0	2
88	Disorders of Sexual Development. , 2007, , 827-852.		1
89	1366 ACTIVE SURVEILLANCE OF THE ADOLESCENT VARICOCELE. Journal of Urology, 2012, 187, .	0.4	1
90	Commentary to “Management of undescended testes: European Association of Urology/European Society for Paediatric Urology Guidelines” Journal of Pediatric Urology, 2016, 12, 344.	1.1	1

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91	Case Report: Low Bone and Normal Lean Mass in Adolescents With Complete Androgen Insensitivity Syndrome. <i>Frontiers in Endocrinology</i> , 2021, 12, 727131.	3.5	1
92	The following 3 cases were presented at the 2020 virtual PUOWG conferenceLate Presentation of Wilms Tumor in a Patient with Hemihypertrophy after Normal Screening. <i>Urology</i> , 2021, 154, 271-274.	1.0	1
93	Cryptorchidism. , 2006, , 1295-1307.		1
94	Disorders of Sex Development. , 2011, , 693-700.		1
95	Asynchronous bilateral renal venous thrombosis with subsequent development of cystic kidneys. <i>Journal of Pediatric Urology</i> , 2007, 3, 255-257.	1.1	0
96	Undescended Testis Histology Correlation with Adult Hormone Levels and Semen Analysis. <i>Journal of Urology</i> , 2012, , .	0.4	0
97	Fertility preservation in the pediatric population: germ cell culture and transplantation. , 0, , 255-264.		0
98	Re. "Prospective study of histological and endocrine parameters of gonadal function in boys with cryptorchidism". <i>Journal of Pediatric Urology</i> , 2016, 12, 240.	1.1	0
99	Testicular Tumors. , 2017, , 819-823.		0
100	265 BK-Virus Positive Invasive High-Grade Urothelial Carcinoma in an 8-Year-Old Renal Transplant Recipient With BK Virus Nephropathy. <i>American Journal of Clinical Pathology</i> , 2018, 149, S112-S113.	0.7	0
101	Cover Image, Volume 176A, Number 10, October 2018. , 2018, 176, i-i.		0
102	Pathogenesis, Clinical Features, and Management of Intersexuality. , 2004, , 346-360.		0
103	Intersex. , 2005, , 141-160.		0
104	Prospective assessment of renal function using cystatin C and functional MRI in children with newly diagnosed renal tumors.. <i>Journal of Clinical Oncology</i> , 2014, 32, 10053-10053.	1.6	0
105	Disorders of Sex Development. , 2017, , 751-757.		0
106	Reply by Authors. <i>Journal of Urology</i> , 2020, 204, 343-344.	0.4	0
107	Editorial Comment. <i>Journal of Urology</i> , 2020, 204, 834-834.	0.4	0
108	Office Based Pediatric Urologic Procedures: A safe and effective alternative to interventions under anesthesia. <i>Urology</i> , 2022, , .	1.0	0

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109	Intrascrotal lipoblastoma: A rare cause of paratesticular mass in a pediatric patient. Urology, 2022, , .	1.0	0
110	Reply by Authors. Journal of Urology, 2022, 207, 1321-1322.	0.4	0
111	Douglas Arthur Canning: A Tribute. Journal of Urology, 0, , .	0.4	0
112	Trends in opioid and nonsteroidal anti-inflammatory (NSAID) usage in children undergoing common urinary tract reconstruction: a large, single-institutional analysis.. Journal of Pediatric Urology, 2022, , .	1.1	0