John M Hutson

List of Publications by Year
in descending order

133	3,132	159585 30	197818 49
papers	citations	h-index	g-index

140	140	140	2205
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Testicular feminization: A model for testicular descent in mice and men. Journal of Pediatric Surgery, 1986, 21, 195-198.	1.6	166
2	Pediatric Urology: Review Article. Journal of Urology, 1995, 153, 754-767.	0.4	153
3	The Regulation of Testicular Descent and the Effects of Cryptorchidism. Endocrine Reviews, 2013, 34, 725-752.	20.1	148
4	Testicular descent and cryptorchidism: the state of the art in 2004. Journal of Pediatric Surgery, 2005, 40, 297-302.	1.6	119
5	Risk factors for cryptorchidism. Nature Reviews Urology, 2017, 14, 534-548.	3.8	93
6	Intestinal rotational abnormalities in polysplenia and asplenia syndromes. Pediatric Radiology, 1998, 28, 303-306.	2.0	90
7	Regulation of testicular descent. Pediatric Surgery International, 2015, 31, 317-325.	1.4	90
8	Germ cell development in the postnatal testis: the key to prevent malignancy in cryptorchidism?. Frontiers in Endocrinology, 2012, 3, 176.	3.5	76
9	Current understanding of hypospadias: relevance of animal models. Nature Reviews Urology, 2015, 12, 271-280.	3.8	73
10	Androgen Imprinting of the Brain in Animal Models and Humans With Intersex Disorders: Review and Recommendations. Journal of Urology, 2002, 168, 2142-2148.	0.4	64
11	Malformation syndromes associated with disorders of sex development. Nature Reviews Endocrinology, 2014, 10, 476-487.	9.6	64
12	Undescended testis: The underlying mechanisms and the effects on germ cells that cause infertility and cancer. Journal of Pediatric Surgery, 2013, 48, 903-908.	1.6	60
13	Congenital Prepubic Sinus: Possible Variant of Dorsal Urethral Duplication (Stephens Type 2). Journal of Urology, 1987, 137, 505-506.	0.4	59
14	The Role of the Gubernaculum in Testicular Descent. Journal of Urology, 1988, 140, 1191-1193.	0.4	57
15	THE GENITOFEMORAL NERVE MAY LINK TESTICULAR INGUINOSCROTAL DESCENT WITH CONGENITAL INGUINAL HERNIA. ANZ Journal of Surgery, 1996, 66, 612-617.	0.7	57
16	Does Testosterone Diffuse Down the Wolffian Duct During Sexual Differentiation?. Journal of Urology, 1996, 155, 2057-2059.	0.4	50
17	Quality of life outcomes in children with Hirschsprung disease. Journal of Pediatric Surgery, 2017, 52, 2006-2010.	1.6	47
18	The suspensory ligament of the clitoris: Connective tissue supports of the erectile tissues of the female urogenital region. Clinical Anatomy, 2000, 13, 397-403.	2.7	46

#	Article	IF	Citations
19	Slow-transit constipation in children: our experience. Pediatric Surgery International, 2009, 25, 403-406.	1.4	44
20	Long-gap oesophageal atresia: comparison of delayed primary anastomosis and oesophageal replacement with gastric tube. Journal of Pediatric Surgery, 2014, 49, 1762-1766.	1.6	44
21	The role of the gubernaculum in the descent and undescent of the testis. Therapeutic Advances in Urology, 2009, 1, 115-121.	2.0	43
22	The migrating gubernaculum grows like a â€œlimb budâ€: Journal of Pediatric Surgery, 2008, 43, 387-390.	1.6	41
23	Enteric Neural Cells From Hirschsprung Disease Patients Form Ganglia in Autologous Aneuronal Colon. Cellular and Molecular Gastroenterology and Hepatology, 2016, 2, 92-109.	4.5	40
24	The Sertoli cell hormones inhibin-B and anti MÃ¼llerian hormone have different patterns of secretion in prepubertal cryptorchid boys. Journal of Pediatric Surgery, 2016, 51, 475-480.	1.6	38
25	The long-term quality of life outcomes in adolescents with Hirschsprung disease. Journal of Pediatric Surgery, 2018, 53, 2430-2434.	1.6	37
26	Cryptorchidism, gonocyte development, and the risks of germ cell malignancy and infertility: A systematic review. Journal of Pediatric Surgery, 2020, 55, 1201-1210.	1.6	35
27	The broad ligament: A review of its anatomy and development in different species and hormonal environments. Clinical Anatomy, 2004, 17, 244-251.	2.7	34
28	The undescended testis: Clinical management and scientific advances. Seminars in Pediatric Surgery, 2016, 25, 241-248.	1.1	33
29	DICER1 pleuropulmonary blastoma familial tumour predisposition syndrome: What the paediatric urologist needs to know. Journal of Pediatric Urology, 2016, 12, 5-10.	1.1	33
30	Chronic constipation: no longer stuck! characterization of colonic dysmotility as a new disorder in children. Journal of Pediatric Surgery, 2004, 39, 795-799.	1.6	30
31	Prevalence of late orchidopexy is consistent with some undescended testes being acquired. Indian Journal of Pediatrics, 1996, 63, 725-729.	0.8	28
32	Evaluation and management of the infant with cryptorchidism. Current Opinion in Pediatrics, 2015, 27, 520-524.	2.0	27
33	Postnatal Germ Cell Development during Mini-Puberty in the Mouse Does Not Require Androgen Receptor: Implications for Managing Cryptorchidism. Journal of Urology, 2015, 193, 1361-1367.	0.4	27
34	Bladder continent catheterizable conduit (the Mitrofanoff procedure): Long-term issues that should not be underestimated. Journal of Pediatric Surgery, 2017, 52, 469-472.	1.6	27
35	Effect of androgens on the cranial suspensory ligament and ovarian position. The Anatomical Record, 1999, 255, 306-315.	1.8	25
36	Calcitonin geneâ€“related peptide stimulates mitosis in the tip of the rat gubernaculum in vitro and provides the chemotactic signals to control gubernacular migration during testicular descent. Journal of Pediatric Surgery, 2008, 43, 1533-1539.	1.6	25

#	Article	IF	Citations
37	Immunofluorescent Analysis of Testicular Biopsies with Germ Cell and Sertoli Cell Markers Shows Significant MVH Negative Germ Cell Depletion with Older Age at Orchiopexy. Journal of Urology, 2014, 191, 458-464.	0.4	25
38	Mouse minipuberty coincides with gonocyte transformation into spermatogonial stem cells: a model for human minipuberty. Reproduction, Fertility and Development, 2017, 29, 2430.	0.4	24
39	Undescended testis: What paediatricians need to know. Journal of Paediatrics and Child Health, 2017, 53, 1101-1104.	0.8	24
40	The Role of the Genitofemoral Nerve and Calcitonin Gene-Related Peptide in Congenitally Cryptorchid Mutant TS Rats. Journal of Urology, 1995, 154, 734-737.	0.4	23
41	Gonocyte transformation to spermatogonial stem cells occurs earlier in patients with undervirilisation syndromes. Journal of Pediatric Surgery, 2014, 49, 323-327.	1.6	23
42	The syndrome of Spigelian hernia and cryptorchidism: A review of paediatric literature. Journal of Pediatric Surgery, 2015, 50, 325-330.	1.6	23
43	UNDESCENDED TESTES REMAIN A DILEMMA DESPITE RECENT ADVANCES IN RESEARCH. ANZ Journal of Surgery, 1990, 60, 429-439.	0.7	22
44	Testicular biopsy in prepubertal boys: a worthwhile minor surgical procedure?. Nature Reviews Urology, 2016, 13, 141-150.	3.8	22
45	Testicular ectopia: Why does it happen and what do we do?. Journal of Pediatric Surgery, 2017, 52, 1842-1847.	1.6	22
46	Home-Based Transabdominal Interferential Electrical Stimulation for Six Months Improves Paediatric Slow Transit Constipation (STC). Neuromodulation, 2018, 21, 676-681.	0.8	22
47	The bell-clapper deformity of the testis: The definitive pathological anatomy. Journal of Pediatric Surgery, 2021, 56, 1405-1410.	1.6	22
48	Male gender identity in children with 46,XX DSD with congenital adrenal hyperplasia after delayed presentation in mid-childhood. Journal of Pediatric Surgery, 2015, 50, 2060-2062.	1.6	21
49	Does the gubernaculum migrate during inguinoscrotal testicular descent in the rat?. , 1998, 250, 159-163.		20
50	The possible role of AMH in shortening the gubernacular cord in testicular descent: A reappraisal of the evidence. Journal of Pediatric Surgery, 2017, 52, 1656-1660.	1.6	20
51	Is the retractile testis a normal, physiological variant or an anomaly that requires active treatment?. Pediatric Surgery International, 1992, 7, 249.	1.4	19
52	Skeletal anomalies in the adriamycin-exposed prenatal rat: A model for VATER association. Journal of Orthopaedic Research, 1998, 16, 50-53.	2.3	19
53	Esophageal morbidity in patients following repair of esophageal atresia: A systematic review. Journal of Pediatric Surgery, 2021, 56, 1555-1563.	1.6	19
54	Improved Histology for the Chick-Quail Chimera. Biotechnic & Histochemistry, 1984, 59, 105-111.	0.4	18

#	Article	IF	Citations
55	PRIMARY PERITONITIS IN CHILDREN. ANZ Journal of Surgery, 1996, 66, 169-170.	0.7	18
56	Gubernaculum as icebreaker: do matrix metalloproteinases in rodent gubernaculum and inguinal fat pad permit testicular descent?. Journal of Pediatric Surgery, 2011, 46, 2353-2357.	1.6	18
57	Serum Inhibin B Values in Boys with Unilateral Vanished Testis or Unilateral Cryptorchidism. Journal of Urology, 2015, 193, 1632-1636.	0.4	18
58	Home Transcutaneous Electrical Stimulation Therapy to Treat Children With Anorectal Retention: A Pilot Study. Neuromodulation, 2016, 19, 515-521.	0.8	18
59	Endocrine and morphological perspectives in testicular descent. Reproductive Medicine Review, 1992, 1, 165-177.	0.3	17
60	Apoptotic cell death and fertility in three unilateral cryptorchid rat models. Urological Research, 2000, 28, 332-337.	1.5	17
61	Horse-related injuries in children â€“ unmounted injuries are more severe: A retrospective review. Injury, 2018, 49, 933-938.	1.7	17
62	The burden of esophageal dilatations following repair of esophageal atresia. Journal of Pediatric Surgery, 2020, 55, 2329-2334.	1.6	17
63	Is Mullerian-Inhibiting Substance a Circulating Hormone in the Chick-Quail Chimera?*. Endocrinology, 1983, 113, 1470-1475.	2.8	16
64	CONGENITAL UNDESCENDED TESTES IN NEONATAL PIGS AND THE EFFECT OF EXOGENOUS CALCITONIN GENE-RELATED PEPTIDE. Journal of Urology, 1998, 159, 1025-1028.	0.4	16
65	The burden of surgery and postoperative complications in children with inflammatory bowel disease. Journal of Pediatric Surgery, 2018, 53, 2440-2443.	1.6	16
66	Quality of life outcomes in children born with duodenal atresia. Journal of Pediatric Surgery, 2020, 55, 2111-2114.	1.6	16
67	Factors Affecting the Development of the Processus Vaginalis in the Rat. Journal of Urology, 1996, 156, 1463-1466.	0.4	15
68	Quality of life assessment in esophageal atresia patients: a systematic review focusing on long-gap esophageal atresia. Journal of Pediatric Surgery, 2019, 54, 2473-2478.	1.6	15
69	Oct4-GFP expression during transformation of gonocytes into spermatogonial stem cells in the perinatal mouse testis. Journal of Pediatric Surgery, 2015, 50, 2084-2089.	1.6	14
70	Disorders of sex development (DSD): not only babies with ambiguous genitalia. A practical guide for surgeons. Pediatric Surgery International, 2017, 33, 355-361.	1.4	14
71	Foreskin reconstruction vs circumcision in distal hypospadias. Pediatric Surgery International, 2017, 33, 1131-1137.	1.4	14
72	H-type congenital tracheoesophageal fistula: Insights from 70â€¯years of The Royal Children's Hospital experience. Journal of Pediatric Surgery, 2021, 56, 686-691.	1.6	14

#	Article	IF	Citations
73	The anterior urethra provides clues to the aetiology of prune belly syndrome. Pediatric Surgery International, 1988, 3-3, 169.	1.4	13
74	MYTHICAL â€˜TAILS OF LOCKWOODâ€™. ANZ Journal of Surgery, 2008, 78, 999-1005.	0.7	13
75	Cremaster Muscle Myogenesis in the Tip of the Rat Gubernaculum Supports Active Gubernacular Elongation During Inguinoscrotal Testicular Descent. Journal of Urology, 2011, 186, 1606-1613.	0.4	13
76	Is the ovary in an inguinal hernia â€˜descendedâ€™ like a testis or not?. Journal of Pediatric Surgery, 2016, 51, 1197-1200.	1.6	13
77	Descent of the Testis. , 2016, , .		13
78	Current surgical practice in pediatric ulcerative colitis: A systematic review. Journal of Pediatric Surgery, 2019, 54, 1324-1330.	1.6	13
79	RENAL TRANSPLANTATION IN VERY YOUNG CHILDREN. ANZ Journal of Surgery, 1995, 65, 637-641.	0.7	12
80	Disimpaction of children with severe constipation in 3â€“4 days in a suburban clinic using polyethylene glycol with electrolytes and sodium picosulphate. Journal of Paediatrics and Child Health, 2015, 51, 1195-1198.	0.8	12
81	Gene expression during gonocyte transformation into spermatogonial stem cells is not androgen dependent. Journal of Pediatric Surgery, 2015, 50, 2090-2093.	1.6	11
82	The relationship between the testis and tunica vaginalis changes with age. Journal of Pediatric Surgery, 2015, 50, 2075-2077.	1.6	11
83	The spectrum of pediatric injuries sustained in snow sports. Journal of Pediatric Surgery, 2017, 52, 2038-2041.	1.6	11
84	Impact of Esophageal Atresia on the Success of Fundoplication for Gastroesophageal Reflux. Journal of Pediatrics, 2018, 198, 60-66.	1.8	11
85	What Animal Models of Testicular Descent and Germ Cell Maturation Tell Us about the Mechanism in Humans. European Journal of Pediatric Surgery, 2016, 26, 390-398.	1.3	10
86	Is selective echocardiography in duodenal atresia the future standard of care?. Journal of Pediatric Surgery, 2017, 52, 1952-1955.	1.6	10
87	Orchidopexy in children with Praderâ€“Willi syndrome: Results of a long-term follow-up study. Journal of Pediatric Urology, 2018, 14, 63.e1-63.e6.	1.1	10
88	Postnatal germ cell development during first 18â€˜months of life in testes from boys with non-syndromic cryptorchidism and complete or partial androgen insensitivity syndrome. Journal of Pediatric Surgery, 2019, 54, 1654-1659.	1.6	9
89	Predictors of Mortality after Primary Discharge from Hospital in Patients with Esophageal Atresia. Journal of Pediatrics, 2020, 219, 70-75.	1.8	9
90	Complication profile of augmentation cystoplasty in contemporary paediatric urology: a 20â€year review. ANZ Journal of Surgery, 2021, 91, 1005-1010.	0.7	9

#	Article	IF	Citations
91	Molecular signals governing cremaster muscle development: Clues for cryptorchidism. Journal of Pediatric Surgery, 2014, 49, 312-316.	1.6	8
92	Extreme virilization in patients with congenital adrenal hyperplasia fails to induce descent of the ovary. Pediatric Surgery International, 1988, 3-3, 165.	1.4	7
93	The challenges in diagnosis and gender assignment in disorders of sex development presenting to a pediatric surgical unit in a developing country: The role of laparoscopy and simple tests for gender identity. Journal of Pediatric Urology, 2014, 10, 1255-1260.	1.1	7
94	Interplay between collagenase and undescended testes in Adamts16 knockout rats. Journal of Pediatric Surgery, 2020, 55, 1952-1958.	1.6	7
95	Undescended testes. , 0, , 652-663.		6
96	The role of gonadotrophins in gonocyte transformation during minipuberty. Pediatric Surgery International, 2020, 36, 1379-1385.	1.4	6
97	During infancy low levels of follicle-stimulating hormone may result in high rate of germ cell apoptosis. Journal of Pediatric Surgery, 2021, 56, 2399-2406.	1.6	6
98	Theories on the relationship between cryptorchidism and arthrogryposis. Pediatric Surgery International, 1992, 7, 271.	1.4	5
99	Does the apoptosis pathway play a critical role in gonocyte transformation?. Journal of Pediatric Surgery, 2020, 55, 1947-1951.	1.6	5
100	Testicular descent: A review of a complex, multistaged process to identify potential hidden causes of UDT. Journal of Pediatric Surgery, 2022, 57, 479-487.	1.6	5
101	Quality of Life Outcomes in Primary Caregivers of Children with Esophageal Atresia. Journal of Pediatrics, 2021, 238, 80-86.e3.	1.8	5
102	MULLERIAN INHIBITING SUBSTANCE: A FETAL HORMONE WITH SURGICAL IMPLICATIONS. ANZ Journal of Surgery, 1985, 55, 599-605.	0.7	4
103	Gonocyte transformation in a congenitally cryptorchid rat is normal and may be similar to the situation reported in human acquired cryptorchidism. Journal of Pediatric Surgery, 2018, 53, 1770-1775.	1.6	4
104	An immunohistochemical analysis of the effects of androgen receptor knock out on gubernacular differentiation in the mouse. Journal of Pediatric Surgery, 2018, 53, 1776-1780.	1.6	4
105	Neurotrophin signaling in a genitofemoral nerve target organ during testicular descent in mice. Journal of Pediatric Surgery, 2016, 51, 1321-1326.	1.6	3
106	Frequency of revision orchidopexy in Australia 1995â€“2014. Journal of Pediatric Surgery, 2017, 52, 1940-1943.	1.6	3
107	Radiological investigation of urinary tract infection in children. Medical Journal of Australia, 1992, 157, 645-645.	1.7	3
108	The Majority of Boys Having Orchidopexy for Congenital Nonsyndromic Cryptorchidism during Minipuberty Exhibited Normal Reproductive Hormonal Profiles. European Journal of Pediatric Surgery, 2021, , .	1.3	3

#	Article	IF	Citations
109	Radiological investigation of urinary tract infection in children. Medical Journal of Australia, 1992, 157, 357-357.	1.7	2
110	Re: Nataraja RM Asher CM, Nash R, Murphy FL. Is routine excision of testicular remnants in testicular regression syndrome indicated? J Pediatr Urol 2015;11:151.e1â€“5. Journal of Pediatric Urology, 2016, 12, 326.	1.1	2
111	Transserosal migration of enteric neural stem cells: Developing an avian colon model. Journal of Pediatric Surgery, 2018, 53, 2435-2439.	1.6	2
112	Radiation burden in patients with esophageal atresia: a systematic review. Pediatric Surgery International, 2021, 37, 919-927.	1.4	2
113	When is hypospadias not hypospadias?. Medical Journal of Australia, 1996, 164, 153-154.	1.7	2
114	Type I atresia of the caecum. Pediatric Surgery International, 1987, 2, 65.	1.4	1
115	Editorial Commentary. Journal of Andrology, 2003, 24, 163-163.	2.0	1
116	Commentary to: Close relationship between the short round ligament and the ovarian prolapsed inguinal hernia in female infantsâ€”H Kuyama, S Uemura, A Yoshida, M Yamamoto, PSI (2019) 35:625â€“629. Pediatric Surgery International, 2019, 35, 1163-1163.	1.4	1
117	Frequency of inguinal herniotomy in Australia (1998â€“2017). Pediatric Surgery International, 2019, 35, 759-763.	1.4	1
118	Microurine screening in newborns. Medical Journal of Australia, 1992, 157, 570-570.	1.7	1
119	Postâ€operative colonic manometry in children with anorectal malformations: A systematic review. Neurogastroenterology and Motility, 0, , .	3.0	1
120	Re: Association Between Abdominal Wall Defects and Cryptorchidism, by L. M. Kaplan, M. A. Koyle, G. W. Kaplan, J. H. Farr er and J. Rajfer, J. Urol., 136: 645â€“647, 1986. Journal of Urology, 1988, 139, 388-388.	0.4	0
121	When is hypospadias not hypospadias?. Medical Journal of Australia, 1996, 164, 758-758.	1.7	0
122	Reply. Pediatric Surgery International, 1996, 11, 210-211.	1.4	0
123	Nathaniel Myers. Pediatric Surgery International, 2004, 20, 169-169.	1.4	0
124	Commentary. Journal of Pediatric Urology, 2006, 2, 398.	1.1	0
125	TRAINING IN PAEDIATRIC TRAUMA: THE PROBLEM OF SAFER SOCIETIES. ANZ Journal of Surgery, 2006, 76, 541-541.	0.7	0
126	Reply to letter to the editor. Journal of Pediatric Surgery, 2013, 48, 1987-1988.	1.6	0

#	Article	IF	Citations
127	Reply to letter to the Editor. Journal of Pediatric Surgery, 2018, 53, 1447-1448.	1.6	0
128	Congenital Diaphragmatic Hernia is Associated with Nonscrotal Testes. Journal of Pediatric Surgery, 2019, 54, 1966.	1.6	0
129	Letter to the Editor. Journal of Pediatric Surgery, 2019, 54, 1725.	1.6	0
130	Letter to the Editor regarding: Guidelines for the management of postoperative soiling in children with Hirschsprung disease, Saadai et al. PSI (2019)35: 829â€“834. Pediatric Surgery International, 2020, 36, 753-753.	1.4	0
131	DSD Later in Childhood. , 2020, , 163-169.		0
132	Embryology of the Human Genital Tract. , 2020, , 27-38.		0
133	Embryology in DSD. , 2020, , 49-64.		0