

Michael E Chua

List of Publications by Year in descending order

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86
papers

739
citations

623734

14
h-index

677142

22
g-index

98
all docs

98
docs citations

98
times ranked

853
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosis and management of bladder bowel dysfunction in children with urinary tract infections: a position statement from the International Children's Continence Society. <i>Pediatric Nephrology</i> , 2018, 33, 2207-2219.	1.7	55
2	Relationship of Dietary Intake of Omega-3 and Omega-6 Fatty Acids with Risk of Prostate Cancer Development: A Meta-Analysis of Prospective Studies and Review of Literature. <i>Prostate Cancer</i> , 2012, 2012, 1-11.	0.6	45
3	The relevance of serum levels of long chain omega-3 polyunsaturated fatty acids and prostate cancer risk: A Meta-analysis. <i>Canadian Urological Association Journal</i> , 2013, 7, 333.	0.6	29
4	Hormonal therapy using gonadotropin releasing hormone for improvement of fertility index among children with cryptorchidism: a meta-analysis and systematic review. <i>Journal of Pediatric Surgery</i> , 2014, 49, 1659-1667.	1.6	29
5	Non-stented versus stented urethroplasty for distal hypospadias repair: A systematic review and meta-analysis. <i>Journal of Pediatric Urology</i> , 2018, 14, 212-219.	1.1	25
6	Preoperative hormonal stimulation effect on hypospadias repair complications: Meta-analysis of observational versus randomized controlled studies. <i>Journal of Pediatric Urology</i> , 2017, 13, 470-480.	1.1	24
7	A critical review of recent clinical practice guidelines on management of cryptorchidism. <i>Journal of Pediatric Surgery</i> , 2018, 53, 2041-2047.	1.6	24
8	Medical conferences in the era of environmental conscientiousness and a global health crisis: The carbon footprint of presenter flights to pre-COVID pediatric urology conferences and a consideration of future options. <i>Journal of Pediatric Surgery</i> , 2020, 56, 1312-1316.	1.6	23
9	Cryopreservation of testicular tissue in pre-pubertal and adolescent boys at risk for infertility: A low risk procedure. <i>Journal of Pediatric Urology</i> , 2018, 14, 274.e1-274.e5.	1.1	19
10	Efficacy and Safety of Gabapentin in Comparison to Solifenacin Succinate in Adult Overactive Bladder Treatment. <i>LUTS: Lower Urinary Tract Symptoms</i> , 2018, 10, 135-142.	1.3	19
11	Impact of Adjuvant Urinary Diversion versus Valve Ablation Alone on Progression from Chronic to End Stage Renal Disease in Posterior Urethral Valves: A Single Institution 15-Year Time-to-Event Analysis. <i>Journal of Urology</i> , 2018, 199, 824-830.	0.4	19
12	Digital Pattern Recognition for the Identification and Classification of Hypospadias Using Artificial Intelligence vs Experienced Pediatric Urologist. <i>Urology</i> , 2021, 147, 264-269.	1.0	19
13	Desmopressin Withdrawal Strategy for Pediatric Enuresis: A Meta-analysis. <i>Pediatrics</i> , 2016, 138, .	2.1	18
14	Diagnostic accuracy of contrast-enhanced voiding urosonogram using second-generation contrast with harmonic imaging (CEVUS-HI) study for assessment of vesicoureteral reflux in children: a meta-analysis. <i>World Journal of Urology</i> , 2019, 37, 2245-2255.	2.2	17
15	Impact of smartphone digital photography, email, and media communication on emergency room visits post-hypospadias repair. <i>Canadian Urological Association Journal</i> , 2017, 11, 134.	0.6	15
16	Practice variation on use of antibiotics: An international survey among pediatric urologists. <i>Journal of Pediatric Urology</i> , 2018, 14, 520-524.	1.1	15
17	A critical review of recent clinical practice guidelines for pediatric urinary tract infection. <i>Canadian Urological Association Journal</i> , 2017, 12, 112-8.	0.6	14
18	Magnetic resonance urography in the pediatric population: a clinical perspective. <i>Pediatric Radiology</i> , 2016, 46, 791-795.	2.0	13

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19	Neurostimulation Therapy for Non-neurogenic Overactive Bladder in Children: A Meta-analysis. <i>Urology</i> , 2017, 110, 201-207.	1.0	13
20	Predictive accuracy of prenatal ultrasound findings for lower urinary tract obstruction: A systematic review and Bayesian meta-analysis. <i>Prenatal Diagnosis</i> , 2021, 41, 1039-1048.	2.3	13
21	Competency in Tubularized Incised Plate Repair for Distal Hypospadias: Cumulative Sum Learning Curve Analysis of a Single Surgeon Experience. <i>Journal of Urology</i> , 2020, 204, 1326-1332.	0.4	13
22	Posterior Urethral Valves Outcomes Prediction (PUVOP): a machine learning tool to predict clinically relevant outcomes in boys with posterior urethral valves. <i>Pediatric Nephrology</i> , 2022, 37, 1067-1074.	1.7	13
23	Diagnostic utility of attenuation measurement (Hounsfield units) in computed tomography stonogram in predicting the radio-opacity of urinary calculi in plain abdominal radiographs. <i>International Urology and Nephrology</i> , 2012, 44, 1349-1355.	1.4	12
24	Pre- versus postnatal presentation of posterior urethral valves: a multi-institutional experience. <i>BJU International</i> , 2022, 130, 350-356.	2.5	12
25	Use of computed tomography scout film and Hounsfield unit of computed tomography scan in predicting the radio-opacity of urinary calculi in plain kidney, ureter and bladder radiographs. <i>Urology Annals</i> , 2014, 6, 218.	0.6	11
26	Evolving trends in peri-operative management of pediatric ureteropelvic junction obstruction: working towards quicker recovery and day surgery pyeloplasty. <i>World Journal of Urology</i> , 2021, 39, 3677-3684.	2.2	11
27	Spontaneous fracture of indwelling polyurethane ureteral stents: A case series and review of literature. <i>Canadian Urological Association Journal</i> , 2012, 6, 386-392.	0.6	10
28	Assessment of risk factors for surgical complications in neonatal circumcision clinic. <i>Canadian Urological Association Journal</i> , 2018, 13, E108-E112.	0.6	9
29	Assessment of prophylactic heparin infusion as a safe preventative measure for thrombotic complications in pediatric kidney transplant recipients weighing <20 kg. <i>Pediatric Transplantation</i> , 2019, 23, e13512.	1.0	9
30	Utilization of Postpenile Surgery Illustrated Healing Atlas: A Comparative Study. <i>Urology</i> , 2018, 112, 151-154.	1.0	8
31	Subcutaneous fat area as a risk factor for extraction site incisional hernia following gastrectomy for gastric cancer. <i>Surgery Today</i> , 2020, 50, 1418-1426.	1.5	8
32	Do post-operative phone calls enhance family satisfaction and outcomes after outpatient pediatric urological surgeries? A prospective study. <i>Pediatric Surgery International</i> , 2021, 37, 161-167.	1.4	8
33	β3-Adrenoceptor Agonist for the Treatment of Bladder Dysfunction in Children: A Systematic Review and Meta-Analysis. <i>Journal of Urology</i> , 2022, 207, 524-533.	0.4	8
34	Neurostimulation Therapy for Pediatric Primary Enuresis: A Meta-analysis. <i>Urology</i> , 2017, 106, 183-187.	1.0	7
35	Nonclosure Versus Closure of Buccal Mucosal Graft Harvest Site: A Systematic Review and Meta-Analysis of Patient-Reported Outcomes. <i>Urology</i> , 2019, 125, 213-221.	1.0	7
36	Prioritization and management recommendations of paediatric urology conditions during the COVID-19 pandemic. <i>Canadian Urological Association Journal</i> , 2020, 14, E237-E250.	0.6	7

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37	Personalized application of machine learning algorithms to identify pediatric patients at risk for recurrent ureteropelvic junction obstruction after dismembered pyeloplasty. <i>World Journal of Urology</i> , 2022, 40, 593-599.	2.2	7
38	Lidocaine Gel for Urethral Catheterization in Children: A Meta-Analysis. <i>Journal of Pediatrics</i> , 2017, 190, 207-214.e1.	1.8	6
39	Assessment of perioperative surgical complications in pediatric kidney transplantation: A comparison of pre-emptive and post-dialysis recipients. <i>Clinical Transplantation</i> , 2018, 32, e13421.	1.6	6
40	The impact of sex hormones on genital wound healing in mice: a comparative study. <i>Journal of Pediatric Urology</i> , 2019, 15, 635-641.	1.1	6
41	Comparative outcome analysis of pediatric kidney transplant in posterior urethral valves children with or without pretransplant Mitrofanoff procedure. <i>Pediatric Transplantation</i> , 2020, 24, e13798.	1.0	6
42	Delaying Urgent Exploration in Neonatal Testicular Torsion May Have Significant Consequences for the Contralateral Testis: A Critical Literature Review. <i>Urology</i> , 2021, 153, 277-284.	1.0	6
43	The Efficacy and Safety of Tranexamic Acid in the Management of Perioperative Bleeding After Percutaneous Nephrolithotomy: A Systematic Review and Meta-Analysis of Comparative Studies. <i>Journal of Endourology</i> , 2022, 36, 303-312.	2.1	6
44	Competence in and Learning Curve for Pediatric Renal Transplant Using Cumulative Sum Analyses. <i>Journal of Urology</i> , 2019, 201, 1199-1205.	0.4	6
45	Prevalence and factor association of premature ejaculation among adult Asian males with lower urinary tract symptoms. <i>Prostate International</i> , 2015, 3, 65-69.	2.3	5
46	Immediate 1-month efficacy of desmopressin and anticholinergic combination therapy versus desmopressin monotherapy in the treatment of pediatric enuresis: A meta-analysis. <i>Journal of Pediatric Urology</i> , 2016, 12, 156.e1-156.e9.	1.1	5
47	Long-term Success Durability of Transobturator Male Sling. <i>Urology</i> , 2019, 133, 222-228.	1.0	5
48	Time to event analysis for post-hypospadias repair complications: a single-surgeon experience. <i>World Journal of Urology</i> , 2021, 39, 3913-3919.	2.2	5
49	2013 Annual National Digital Rectal Exam Day: impact on prostate health awareness and disease detection. <i>Prostate International</i> , 2014, 2, 31-36.	2.3	4
50	Clinical implication of renal allograft volume to recipient body surface area ratio in pediatric renal transplant. <i>Pediatric Transplantation</i> , 2018, 22, e13295.	1.0	4
51	A comparison of post-transplant renal function in pre-emptive and post-dialysis pediatric kidney transplant recipients. <i>Pediatric Transplantation</i> , 2019, 23, e13377.	1.0	4
52	A Canadian national survey: understanding the differences in management of cryptorchidism among pediatric surgeons and pediatric urologists. <i>Journal of Pediatric Surgery</i> , 2019, 54, 1820-1824.	1.6	4
53	Utility of pre-transplant lower urinary tract investigation in pediatric renal transplant population after referral: A 16-year institutional experience. <i>Pediatric Transplantation</i> , 2021, 25, e14006.	1.0	4
54	E-learning teaches attendings how to objectively assess pediatric urology trainees' surgery skills for orchiopexy. <i>Journal of Pediatric Urology</i> , 2018, 14, 132.e1-132.e6.	1.1	3

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55	Surgical management and outcomes of adult acquired buried penis with and without lichen sclerosus: a comparative analysis. <i>International Urology and Nephrology</i> , 2020, 52, 1893-1898.	1.4	3
56	Meta-analysis of retroperitoneal vs transperitoneal laparoscopic and robot-assisted pyeloplasty for the management of pelvi-ureteric junction obstruction. <i>BJU International</i> , 2021, 127, 687-702.	2.5	3
57	Vascular hitch for paediatric pelvi-ureteric junction obstruction with crossing vessels: institutional analysis and systematic review with meta-analysis. <i>BJU International</i> , 2022, 129, 679-687.	2.5	3
58	The second victim requires more than <i>Medice Cura Te Ipsum</i> . <i>Canadian Urological Association Journal</i> , 2021, 15, S40-2.	0.6	3
59	Comparative analysis of suturing technique in pediatric pyeloplasty on surgical outcomes. <i>Pediatric Surgery International</i> , 2021, 37, 1633-1637.	1.4	3
60	Variability among Canadian pediatric surgeons and pediatric urologists in the management of cryptorchidism in boys before the publication of major guidelines: a retrospective review of a single tertiary centre. <i>Canadian Journal of Surgery</i> , 2019, 62, 169-174.	1.2	3
61	Unnecessary ultrasounds in children with undescended testes: An interrogation of the impact of the Choosing Wisely campaigns and clinical practice guidelines. <i>Paediatrics and Child Health</i> , 2021, 26, 299-304.	0.6	3
62	Configuration and validation of a novel prostate disease nomogram predicting prostate biopsy outcome: A prospective study correlating clinical indicators among Filipino adult males with elevated PSA level. <i>Asian Journal of Urology</i> , 2015, 2, 114-122.	1.2	2
63	Circumcision-incision orchidopexy: A novel technique for palpable, low inguinal undescended testis. <i>Investigative and Clinical Urology</i> , 2017, 58, 468.	2.0	2
64	Laparoscopic-assisted Versus Open Appendicovesicostomy Procedure in Patients With Prior Abdominal Surgeries: A Comparative Study. <i>Urology</i> , 2018, 116, 93-98.	1.0	2
65	Treatment outcome and predictors of poor clinical response in extensively drug-resistant gram-negative urinary tract infection among children: A single-institution experience. <i>Canadian Urological Association Journal</i> , 2020, 15, E148-E152.	0.6	2
66	Case "Incorporating modern technology with traditional ceremony of Brit Milah during the COVID-19 pandemic. <i>Canadian Urological Association Journal</i> , 2020, 15, E187-8.	0.6	2
67	Review Summary of Recent "High-Level" Evidence on the Management of Pediatric Urinary Stones. <i>SN Comprehensive Clinical Medicine</i> , 0, , 1.	0.6	2
68	Examining Clinical Practice Guidelines for Male Circumcision: A Systematic Review and Critical Appraisal Using AGREE II. <i>Journal of Pediatrics</i> , 2022, 244, 186-193.e6.	1.8	2
69	Omental Procedures During Peritoneal Dialysis Insertion: A Systematic Review and Meta-analysis. <i>World Journal of Surgery</i> , 2022, 46, 1183-1195.	1.6	2
70	The utilization of hyperbaric oxygenation therapy in hypospadias repair: a systematic review and meta-analysis. <i>International Urology and Nephrology</i> , 2022, 54, 273-285.	1.4	2
71	Impact of native nephrectomy on hypertension outcomes in pediatric kidney transplant recipients: a 10-year institutional experience. <i>Pediatric Surgery International</i> , 2022, 38, 623-629.	1.4	2
72	Pediatric Kidney Transplant Experience in Ontario: A Review of Division of the Surgical and Medical Management Across Local Tertiary Care Institutions. <i>Canadian Journal of Kidney Health and Disease</i> , 2020, 7, 205435812092571.	1.1	1

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73	Cost Effectiveness and Impact in Quality of Care of a Pediatric Multidisciplinary Stone Clinic. <i>Pediatric Quality & Safety</i> , 2021, 6, e474.	0.8	1
74	Evolving trends in peri-operative management of pediatric ureteropelvic junction obstruction: working towards quicker recovery and day surgery pyeloplasty. <i>World Journal of Urology</i> , 2022, , 1.	2.2	1
75	Attaining competency and proficiency in open pyeloplasty: a learning curve configuration using cumulative sum analysis. <i>International Urology and Nephrology</i> , 2022, 54, 1857-1863.	1.4	1
76	Comparison of continuous and interrupted suture techniques in pyeloplasty: a systematic review and meta-analysis. <i>Pediatric Surgery International</i> , 2022, 38, 1209-1215.	1.4	1
77	A singular case of intravesical bleeding angiomyolipoma in a bladder diverticulum. <i>Canadian Urological Association Journal</i> , 2013, 7, 125.	0.6	0
78	Single penile incision for combined hypospadias and inguinal surgery: A comparative study. <i>Canadian Urological Association Journal</i> , 2017, 11, 192.	0.6	0
79	Response to "Re: Non-stented versus stented urethroplasty for distal hypospadias repair: A systematic review and meta-analysis". <i>Journal of Pediatric Urology</i> , 2018, 14, 221.	1.1	0
80	Impact of previous abdominal surgery on the outcome of laparoscopy-assisted open appendicovesicostomy (Mitrofanoff) creation in children: a comparative study. <i>Journal of Pediatric Urology</i> , 2019, 15, 662.e1-662.e7.	1.1	0
81	EDITORIAL COMMENT. <i>Urology</i> , 2020, 144, 259-260.	1.0	0
82	Transitional care and a lesson from the pandemic. <i>Journal of Pediatric Urology</i> , 2021, 17, 153-154.	1.1	0
83	Role of a Pre-operative Catheter Regimen in Achieving Early Primary Endoscopic Valve Ablation in Neonates With Posterior Urethral Valves. Letter.. <i>Journal of Urology</i> , 2022, 207, 245-246.	0.4	0
84	Utilization of the Glue-clot Technique for Removal of Small Lower Pole Calculi in Pediatric Patients: Case Series. <i>Urology</i> , 2021, , .	1.0	0
85	Hospitalization following pediatric kidney transplantation: An international comparison among a Canadian pediatric transplant center, North American Pediatric Renal Trials and Collaborative Studies, and Cooperative European Pediatric Renal Transplant Initiative registry data. <i>Pediatric Transplantation</i> , 2022, , e14273.	1.0	0
86	A Canadian national survey: Perspectives on routine pathological examination of hernia sacs after inguinal hernia and hydrocele repair among pediatric urologists, surgeons, and pathologists. <i>Journal of Pediatric Urology</i> , 2022, , .	1.1	0