Richard S Lee

List of Publications by Year
in descending order

59 papers	2,490 citations	331670 21 h-index	197818 49 g-index
61 all docs	61 docs citations	61 times ranked	2020 citing authors

#	Article	IF	Citations
1	The Society for Fetal Urology consensus statement on the evaluation and management of antenatal hydronephrosis. Journal of Pediatric Urology, 2010, 6, 212-231.	1.1	518
2	Antenatal Hydronephrosis as a Predictor of Postnatal Outcome: A Meta-analysis. Pediatrics, 2006, 118, 586-593.	2.1	430
3	Pediatric Robot Assisted Laparoscopic Dismembered Pyeloplasty: Comparison With a Cohort of Open Surgery. Journal of Urology, 2006, 175, 683-687.	0.4	337
4	PEDIATRIC RETROPERITONEAL LAPAROSCOPIC PARTIAL NEPHRECTOMY: COMPARISON WITH AN AGE MATCHED COHORT OF OPEN SURGERY. Journal of Urology, 2005, 174, 708-712.	0.4	112
5	Early Results of Robot Assisted Laparoscopic Lithotomy in Adolescents. Journal of Urology, 2007, 177, 2306-2310.	0.4	99
6	Robot Assisted Laparoscopic Partial Nephrectomy: A Viable and Safe Option in Children. Journal of Urology, 2009, 181, 823-829.	0.4	87
7	Has the robot caught up? National trends in utilization, perioperative outcomes, and cost for open, laparoscopic, and robotic pediatric pyeloplasty in the United States from 2003 to 2015. Journal of Pediatric Urology, 2018, 14, 336.e1-336.e8.	1.1	86
8	Mutations in TBX18 Cause Dominant Urinary Tract Malformations via Transcriptional Dysregulation of Ureter Development. American Journal of Human Genetics, 2015, 97, 291-301.	6.2	72
9	Optimizing Sample Handling for Urinary Proteomics. Journal of Proteome Research, 2008, 7, 4022-4030.	3.7	68
10	The predictive value of the first postnatal ultrasound in children with antenatal hydronephrosis. Journal of Pediatric Urology, 2011, 7, 128-136.	1.1	60
11	Dual Modifications Strategy to Quantify Neutral and Sialylated N-Glycans Simultaneously by MALDI-MS. Analytical Chemistry, 2014, 86, 6277-6284.	6.5	42
12	PNGase F catalyzes de-N-glycosylation in a domestic microwave. Analytical Biochemistry, 2012, 427, 33-35.	2.4	41
13	Applying the ALARA concept to the evaluation of vesicoureteric reflux. Pediatric Radiology, 2006, 36, 185-191.	2.0	37
14	Can a Complete Primary Repair Approach be Applied to Cloacal Exstrophy?. Journal of Urology, 2006, 176, 2643-2648.	0.4	33
15	The GlycoFilter: A Simple and Comprehensive Sample Preparation Platform for Proteomics, N-Glycomics and Glycosylation Site Assignment. Molecular and Cellular Proteomics, 2013, 12, 2981-2991.	3.8	30
16	Identification of novel nonâ€invasive biomarkers of urinary chronic pelvic pain syndrome: findings from the Multidisciplinary Approach to the Study of Chronic Pelvic Pain (<scp>MAPP</scp>) Research Network. BJU International, 2017, 120, 130-142.	2.5	30
17	One-Step Sample Concentration, Purification, and Albumin Depletion Method for Urinary Proteomics. Journal of Proteome Research, 2010, 9, 6082-6089.	3.7	29
18	Robot-Assisted Laparoscopic Nephrectomy and Contralateral Ureteral Reimplantation in Children. Journal of Endourology, 2010, 24, 123-128.	2.1	27

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19	Temporal variations of the postnatal rat urinary proteome as a reflection of systemic maturation. Proteomics, 2008, 8, 1097-1112.	2.2	26
20	An in-depth comparison of the male pediatric and adult urinary proteomes. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 1044-1050.	2.3	25
21	Collaborating with our adult colleagues: A case series of robotic surgery for suspicious and cancerous lesions in children and young adults performed in a free-standing children's hospital. Journal of Pediatric Urology, 2018, 14, 182.e1-182.e8.	1.1	25
22	Robotic surgery for ureteropelvic junction obstruction. Current Opinion in Urology, 2006, 16, 291-294.	1.8	22
23	SweetSEQer, Simple de Novo Filtering and Annotation of Glycoconjugate Mass Spectra. Molecular and Cellular Proteomics, 2013, 12, 1735-1740.	3.8	21
24	CAKUT and Autonomic Dysfunction Caused by Acetylcholine Receptor Mutations. American Journal of Human Genetics, 2019, 105, 1286-1293.	6.2	18
25	Proteomics and Opportunities for Clinical Translation in Urological Disease. Journal of Urology, 2009, 182, 835-843.	0.4	17
26	Urinary Proteomics Yield Pathological Insights for Ureteropelvic Junction Obstruction. Molecular and Cellular Proteomics, 2016, 15, 2607-2615.	3.8	16
27	Biomarkers for pediatric urological disease. Current Opinion in Urology, 2009, 19, 397-401.	1.8	15
28	Targeted sequencing of 96 renal developmental microRNAs in 1213 individuals from 980 families with congenital anomalies of the kidney and urinary tract. Nephrology Dialysis Transplantation, 2016, 31, 1280-1283.	0.7	15
29	Renal outcomes of neonates with early presentation of posterior urethral valves: a 10-year single center experience. Journal of Perinatology, 2020, 40, 112-117.	2.0	15
30	Feed and wrap magnetic resonance urography provides anatomic and functional imaging in infants without anesthesia. Journal of Pediatric Urology, 2020, 16, 116-120.	1.1	14
31	Bulk motionâ€compensated DCEâ€MRI for functional imaging of kidneys in newborns. Journal of Magnetic Resonance Imaging, 2020, 52, 207-216.	3.4	11
32	Urinary Tract Infections in Children with Vesicoureteral Reflux Are Accompanied by Alterations in Urinary Microbiota and Metabolome Profiles. European Urology, 2022, 81, 151-154.	1.9	11
33	An in-depth Comparison of the Pediatric and Adult Urinary N-glycomes. Molecular and Cellular Proteomics, 2020, 19, 1767-1776.	3.8	9
34	Uromodulin Isolation and Its N-Glycosylation Analysis by NanoLC-MS/MS. Journal of Proteome Research, 2021, 20, 2662-2672.	3.7	9
35	Changes in brain white matter structure are associated with urine proteins in urologic chronic pelvic pain syndrome (UCPPS): A MAPP Network study. PLoS ONE, 2018, 13, e0206807.	2.5	8
36	Characterizing Patients with Recurrent Urinary Tract Infections in Vesicoureteral Reflux: A Pilot Study of the Urinary Proteome. Molecular and Cellular Proteomics, 2020, 19, 456-466.	3.8	8

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37	Accuracy of Ultrasound in Identifying Renal Scarring as Compared to DMSA Scan. Urology, 2020, 138, 134-137.	1.0	8
38	Multi-planar Dynamic Contrast-Enhanced Ultrasound Assessment of Blood Flow in a Rabbit Model of Testicular Torsion. Ultrasound in Medicine and Biology, 2014, 40, 361-370.	1.5	7
39	Modeling dynamic radial contrast enhanced MRI with linear time invariant systems for motion correction in quantitative assessment of kidney function. Medical Image Analysis, 2021, 67, 101880.	11.6	7
40	Sample Handling of Body Fluids for Proteomics. , 2011, , 327-360.		6
41	Proteomic Discovery of Noninvasive Biomarkers Associated With Sport-Related Concussions. Neurology, 2022, 98, .	1.1	6
42	Malignancy Yield of Testis Pathology in Older Boys and Adolescents with Cryptorchidism. Journal of Urology, 2022, 207, 694-700.	0.4	6
43	Universal Solid-Phase Reversible Sample-Prep for Concurrent Proteome and N-Glycome Characterization. Journal of Proteome Research, 2016, 15, 891-899.	3.7	5
44	Delayed Return of Ejaculatory Function in Adolescent Males Treated With Retroperitoneal Lymph Node Dissection and Adjuvant Therapy for Paratesticular Rhabdomyosarcoma. Urology, 2019, 124, 254-256.	1.0	3
45	Association of Longitudinal Changes in Symptoms and Urinary Biomarkers in Patients with Urological Chronic Pelvic Pain Syndrome: A MAPP Research Network Study. Journal of Urology, 2021, 205, 514-523.	0.4	3
46	Association between urinary biomarkers MMP-7/TIMP-2 and reduced renal function in children with ureteropelvic junction obstruction. PLoS ONE, 2022, 17, e0270018.	2.5	3
47	Challenges of comparative expression profiling studies of complex diseases: mouse models of myocardial hypertrophy Focus on â€œDivergent transcriptional responses to independent genetic causes of cardiac hypertrophyâ€• Physiological Genomics, 2001, 6, 1-2.	2.3	2
48	Perinatal Urology. , 2012, , 3048-3066.e4.		2
49	Perinatal Urology. , 2009, , 95-106.		2
50	Primary and secondary vaginal reconstruction with autologous buccal mucosa and intravaginal wound vacuum therapy. Journal of Pediatric Surgery, 2022, 57, 1687-1693.	1.6	2
51	Can We Do Better?. Journal of Urology, 2014, 191, 893-894.	0.4	1
52	Biomarkers for Wilms Tumor: A Brave New World. Journal of Urology, 2016, 196, 1337-1338.	0.4	1
53	Management of High-grade, Nonmuscle Invasive Urothelial Carcinoma in a Prepubertal Patient With TURBT and Intravesical BCG. Urology, 2019, 124, 257-259.	1.0	1
54	Clinical Perinatal Urology. , 2016, , 97-113.		1

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55	The Urinary Proteomic Profile Implicates Key Regulators for Urologic Chronic Pelvic Pain Syndrome (UCPPS): A MAPP Research NetworkÂStudy. Molecular and Cellular Proteomics, 2022, 21, 100176.	3.8	1
56	Does the DefluxÂ® procedure reduce the incidence of urinary tract infections in children with vesicoureteral reflux?. Nature Reviews Urology, 2008, 5, 182-183.	1.4	0
57	Clinical Perinatal Urology. , 2014, , 1-20.		0
58	Necrotizing Fasciitis Following Routine Genitourinary Surgery in Healthy Infants. Urology, 2020, 145, 250-252.	1.0	0
59	Laparoscopic Reoperative Pediatric Pyeloplasty with Robotic Assistance. Videourology (New Rochelle,) Tj ETQq1 1 0.784314 rgBT /Ov	0.1	0