John David Spencer

List of Publications by Year
in descending order

49 papers	1,536 citations	304743 22 h-index	315739 38 g-index
50 all docs	50 docs citations	50 times ranked	1623 citing authors

#	Article	IF	Citations
1	The innate immune response during urinary tract infection and pyelonephritis. Pediatric Nephrology, 2014, 29, 1139-1149.	1.7	121
2	Ribonuclease 7 is a potent antimicrobial peptide within the human urinary tract. Kidney International, 2011, 80, 174-180.	5.2	102
3	Ribonuclease 7, an antimicrobial peptide upregulated during infection, contributes to microbial defense of the human urinary tract. Kidney International, 2013, 83, 615-625.	5.2	101
4	The diagnosis, evaluation and treatment of acute and recurrent pediatric urinary tract infections. Expert Review of Anti-Infective Therapy, 2015, 13, 81-90.	4.4	96
5	The clinical diagnosis and management of urinary tract infections in children and adolescents. Paediatrics and International Child Health, 2017, 37, 273-279.	1.0	90
6	Ribonucleases 6 and 7 have antimicrobial function in the human and murine urinary tract. Kidney International, 2015, 87, 151-161.	5.2	75
7	Diabetes mellitus and infection: an evaluation of hospital utilization and management costs in the United States. Journal of Diabetes and Its Complications, 2015, 29, 192-195.	2.3	72
8	Amplifying renal immunity: the role of antimicrobial peptides in pyelonephritis. Nature Reviews Nephrology, 2015, 11, 642-655.	9.6	70
9	Human Alpha Defensin 5 Expression in the Human Kidney and Urinary Tract. PLoS ONE, 2012, 7, e31712.	2.5	69
10	Pediatric urinary tract infections: an analysis of hospitalizations, charges, and costs in the USA. Pediatric Nephrology, 2010, 25, 2469-2475.	1.7	68
11	A Review of Ribonuclease 7â€™s Structure, Regulation, and Contributions to Host Defense. International Journal of Molecular Sciences, 2016, 17, 423.	4.1	49
12	Inflammation drives renal scarring in experimental pyelonephritis. American Journal of Physiology - Renal Physiology, 2017, 312, F43-F53.	2.7	42
13	Expression and Antimicrobial Function of Beta-Defensin 1 in the Lower Urinary Tract. PLoS ONE, 2013, 8, e77714.	2.5	41
14	Insulin receptor signaling regulates renal collecting duct and intercalated cell antibacterial defenses. Journal of Clinical Investigation, 2018, 128, 5634-5646.	8.2	33
15	Urinary Tract Infection and Antimicrobial Stewardship in the Emergency Department. Pediatric Emergency Care, 2018, 34, 93-95.	0.9	32
16	Polymorphisms in Î±-Defensinâ€“Encoding DEFA1A3 Associate with Urinary Tract Infection Risk in Children with Vesicoureteral Reflux. Journal of the American Society of Nephrology: JASN, 2016, 27, 3175-3186.	6.1	31
17	Innate immunity and urinary tract infection. Pediatric Nephrology, 2020, 35, 1183-1192.	1.7	30
18	Insulin and the phosphatidylinositol 3-kinase signaling pathway regulate Ribonuclease 7 expression in the human urinary tract. Kidney International, 2016, 90, 568-579.	5.2	29

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19	Contribution of Structural Domains to the Activity of Ribonuclease 7 against Uropathogenic Bacteria. Antimicrobial Agents and Chemotherapy, 2013, 57, 766-774.	3.2	28
20	An endogenous ribonuclease inhibitor regulates the antimicrobial activity of ribonuclease 7 in the human urinary tract. Kidney International, 2014, 85, 1179-1191.	5.2	28
21	The Immunomodulatory and Antimicrobial Properties of the Vertebrate Ribonuclease A Superfamily. Vaccines, 2018, 6, 76.	4.4	26
22	Evaluation of novel urinary tract infection biomarkers in children. Pediatric Research, 2016, 79, 934-939.	2.3	25
23	Ribonuclease 7 Shields the Kidney and Bladder from Invasive Uropathogenic Escherichia coli Infection. Journal of the American Society of Nephrology: JASN, 2019, 30, 1385-1397.	6.1	24
24	Identification and characterization of OmpTâ€like proteases in uropathogenic Escherichia coli clinical isolates. MicrobiologyOpen, 2019, 8, e915.	3.0	22
25	Gastroenteritis caused by Edwardsiella tarda in a pediatric renal transplant recipient. Pediatric Transplantation, 2008, 12, 238-241.	1.0	20
26	Congenital Anomalies of the Kidney and Urinary Tract: a Clinical Review. Current Treatment Options in Pediatrics, 2019, 5, 223-235.	0.6	19
27	The accuracy and health risks of a voiding cystourethrogram after a febrile urinary tract infection. Journal of Pediatric Urology, 2012, 8, 72-76.	1.1	18
28	Expression and Significance of the HIP/PAP and RegIIIÎ³ Antimicrobial Peptides during Mammalian Urinary Tract Infection. PLoS ONE, 2015, 10, e0144024.	2.5	18
29	A novel SAMD9 variant identified in patient with MIRAGE syndrome: Further defining syndromic phenotype and review of previous cases. Pediatric Blood and Cancer, 2019, 66, e27726.	1.5	15
30	Synergism between Rifampicin and Cationic Polyurethanes Overcomes Intrinsic Resistance of Escherichia coli. Biomacromolecules, 2021, 22, 2910-2920.	5.4	15
31	The demographics and costs of inpatient vesicoureteral reflux management in the USA. Pediatric Nephrology, 2011, 26, 1995-2001.	1.7	14
32	The burden of common infections in children and adolescents with diabetes mellitus: A Pediatric Health Information System study. Pediatric Diabetes, 2018, 19, 512-519.	2.9	13
33	Expression and function of human ribonuclease 4 in the kidney and urinary tract. American Journal of Physiology - Renal Physiology, 2021, 320, F972-F983.	2.7	13
34	The Responses of the Ribonuclease A Superfamily to Urinary Tract Infection. Frontiers in Immunology, 2019, 10, 2786.	4.8	11
35	Ribonuclease 7 polymorphism rs1263872 reduces antimicrobial activity and associates with pediatric urinary tract infections. Journal of Clinical Investigation, 2021, 131, .	8.2	11
36	Adolescents with urinary stones have elevated urine levels of inflammatory mediators. Urolithiasis, 2019, 47, 461-466.	2.0	10

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37	Neutrophil-Macrophage Imbalance Drives the Development of Renal Scarring during Experimental Pyelonephritis. Journal of the American Society of Nephrology: JASN, 2021, 32, 69-85.	6.1	9
38	Diuretic therapy and acute kidney injury in preterm neonates and infants. Pediatric Nephrology, 2021, 36, 3981-3991.	1.7	7
39	Incidence and impact of acute kidney injury in patients with hypoplastic left heart syndrome following the hybrid stage 1 palliation. Cardiology in the Young, 2021, 31, 414-420.	0.8	7
40	Has the incidence of childhood steroid sensitive nephrotic syndrome changed?. Clinical Nephrology, 2012, 78, 112-115.	0.7	7
41	The pressureâ€™s on: understanding neurocognitive and psychological associations with pediatric hypertension to inform comprehensive care. Pediatric Nephrology, 2021, 36, 3869-3883.	1.7	5
42	Deleted in malignant brain tumor 1 genetic variation confers urinary tract infection risk in children and mice. Clinical and Translational Medicine, 2021, 11, e477.	4.0	5
43	Impact of urinary tract infection on inpatient healthcare for congenital obstructive uropathy. Journal of Pediatric Urology, 2012, 8, 470-476.	1.1	4
44	Analysis of the Ribonuclease A Superfamily of Antimicrobial Peptides in Patients Undergoing Chronic Peritoneal Dialysis. Scientific Reports, 2019, 9, 7753.	3.3	3
45	Novel urine biomarkers to distinguish UTI from culture-negative pyuria. Pediatric Nephrology, 2021, , 1.	1.7	3
46	Two cases of hematuria with hemoglobin C trait. Pediatric Nephrology, 2009, 24, 2455-2457.	1.7	2
47	Training the Next Generation of Pediatric Nephrology Advocates: The John E. Lewy Foundation Advocacy Scholars Program. Journal of Pediatrics, 2015, 166, 218-219.e1.	1.8	1
48	Antimicrobial Peptides: Maintaining Sterility of the Urinary Tract. , 2016, , 53-65.		0
49	Urinary Tract Infections in Children. , 2021, , 1-20.		0