jia Rao

List of Publications by Year in descending order

63 papers	1,692 citations	361413 20 h-index	315739 38 g-index
68 all docs	68 docs citations	68 times ranked	2359 citing authors

#	Article	IF	Citations
1	Phenotype and genotype spectra of a Chinese cohort with nephronophthisis-related ciliopathy. Journal of Medical Genetics, 2022, 59, 147-154.	3.2	20
2	Risk factors for breakthrough urinary tract infection in children with vesicoureteral reflux receiving continuous antibiotic prophylaxis. Translational Pediatrics, 2022, 11, 1-9.	1.2	1
3	Reduction in peritonitis rates: 18-year results from the most active pediatric peritoneal dialysis center in China. Pediatric Nephrology, 2022, , 1.	1.7	1
4	Variation of the clinical spectrum and genotype-phenotype associations in Coenzyme Q10 deficiency associated glomerulopathy. Kidney International, 2022, 102, 592-603.	5.2	12
5	Heteroplasmic and homoplasmic m.616T>C in mitochondria tRNAPhe promote isolated chronic kidney disease and hyperuricemia. JCI Insight, 2022, 7, .	5.0	7
6	Oral Coenzyme Q10 supplementation leads to better preservation of kidney function in steroid-resistant nephrotic syndrome due to primary Coenzyme Q10 deficiency. Kidney International, 2022, 102, 604-612.	5.2	17
7	Pediatric kidney transplantation in China: an analysis from the IPNA Global Kidney Replacement Therapy Registry. Pediatric Nephrology, 2021, 36, 685-692.	1.7	7
8	Characteristics and outcomes of glomerulonephritis with membranoproliferative pattern in children. Translational Pediatrics, 2021, 10, 2985-2996.	1.2	4
9	Mutations in PRDM15 Are a Novel Cause of Galloway-Mowat Syndrome. Journal of the American Society of Nephrology: JASN, 2021, 32, 580-596.	6.1	15
10	Integrating Population Variants and Protein Structural Analysis to Improve Clinical Genetic Diagnosis and Treatment in Nephrogenic Diabetes Insipidus. Frontiers in Pediatrics, 2021, 9, 566524.	1.9	0
11	Diagnostic and clinical utility of genetic testing in children with kidney failure. Pediatric Nephrology, 2021, 36, 3653-3662.	1.7	10
12	Responsible genes in children with primary vesicoureteral reflux: findings from the Chinese Children Genetic Kidney Disease Database. World Journal of Pediatrics, 2021, 17, 409-418.	1.8	4
13	Genetic Architecture of Childhood Kidney and Urological Diseases in China. Phenomics, 2021, 1, 91-104.	2.9	6
14	Clinical Features and Risk Factors of Fungal Peritonitis in Children on Peritoneal Dialysis. Frontiers in Pediatrics, 2021, 9, 683992.	1.9	3
15	An accessible insight into genetic findings for transplantation recipients with suspected genetic kidney disease. Npj Genomic Medicine, 2021, 6, 57.	3.8	3
16	Intrauterine Low-Protein Diet Exacerbates Abnormal Development of the Urinary System in Gen1-Mutant Mice. Kidney Diseases (Basel, Switzerland), 2021, 7, 1-12.	2.5	0
17	PPARÎ± agonist exerts protective effects in podocyte injury via inhibition of the ANGPTL3 pathway. Experimental Cell Research, 2021, 407, 112753.	2.6	0
18	Phenotypic spectrum and genetics of PAX2-related disorder in the Chinese cohort. BMC Medical Genomics, 2021, 14, 250.	1.5	6

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19	Genetic Variations and Clinical Features of NPHS1-Related Nephrotic Syndrome in Chinese Children: A Multicenter, Retrospective Study. Frontiers in Medicine, 2021, 8, 771227.	2.6	1
20	Risk Factors Associated With Renal and Urinary Tract Anomalies Delineated by an Ultrasound Screening Program in Infants. Frontiers in Pediatrics, 2021, 9, 728548.	1.9	3
21	Multicenter study of the clinical features and mutation gene spectrum of Chinese children with Dent disease. Clinical Genetics, 2020, 97, 407-417.	2.0	19
22	Intrauterine low-protein diet aggravates developmental abnormalities of the urinary system via the Akt/Creb3 pathway in Robo2 mutant mice. American Journal of Physiology - Renal Physiology, 2020, 318, F43-F52.	2.7	8
23	Genetic and pathological findings in a boy with psoriasis and C3 glomerulonephritis: A case report and literature review. Molecular Genetics & Genomic Medicine, 2020, 8, e1430.	1.2	5
24	Mutations of the Transcriptional Corepressor ZMYM2 Cause Syndromic Urinary Tract Malformations. American Journal of Human Genetics, 2020, 107, 727-742.	6.2	25
25	COQ8B nephropathy: Early detection and optimal treatment. Molecular Genetics & Genomic Medicine, 2020, 8, e1360.	1.2	15
26	Establishing core outcome domains in pediatric kidney disease: report of the Standardized Outcomes in Nephrologyâ€"Children and Adolescents (SONG-KIDS) consensus workshops. Kidney International, 2020, 98, 553-565.	5.2	58
27	Risk factors for loss of residual renal function in children with end-stage renal disease undergoing automatic peritoneal dialysis. Peritoneal Dialysis International, 2020, 40, 368-376.	2.3	2
28	Early diagnosis of WT1 nephropathy and follow up in a Chinese multicenter cohort. European Journal of Medical Genetics, 2020, 63, 104047.	1.3	10
29	Human and mouse studies establish TBX6 in Mendelian CAKUT and as a potential driver of kidney defects associated with the 16p11.2 microdeletion syndrome. Kidney International, 2020, 98, 1020-1030.	5.2	17
30	Panel sequencing distinguishes monogenic forms of nephritis from nephrosis in children. Nephrology Dialysis Transplantation, 2019, 34, 474-485.	0.7	13
31	Genetic spectrum of renal disease for 1001 Chinese children based on a multicenter registration system. Clinical Genetics, 2019, 96, 402-410.	2.0	52
32	Angiopoietin-like-3 knockout protects against glomerulosclerosis in murine adriamycin-induced nephropathy by attenuating podocyte loss. BMC Nephrology, 2019, 20, 185.	1.8	14
33	Genetic variants in the LAMA5 gene in pediatric nephrotic syndrome. Nephrology Dialysis Transplantation, 2019, 34, 485-493.	0.7	22
34	Gene mutation and clinical analysis of nephronophthisis diagnosed using whole exome sequencing: Experience from China. Clinical Nephrology, 2019, 92, 89-94.	0.7	4
35	Analysis of 24 genes reveals a monogenic cause in 11.1% of cases with steroid-resistant nephrotic syndrome at a single center. Pediatric Nephrology, 2018, 33, 305-314.	1.7	30
36	Whole Exome Sequencing of Patients with Steroid-Resistant Nephrotic Syndrome. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 53-62.	4.5	170

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37	Mutations in multiple components of the nuclear pore complex cause nephrotic syndrome. Journal of Clinical Investigation, 2018, 128, 4313-4328.	8.2	89
38	Evaluation of the Predictive and Prognostic Values of Stromal Tumor-Infiltrating Lymphocytes in HER2-Positive Breast Cancers treated with neoadjuvant chemotherapy. Targeted Oncology, 2018, 13, 757-767.	3.6	15
39	Impact of tumor dimensions and lymph node density on the survival of patients with hypopharyngeal squamous cell carcinoma. Cancer Management and Research, 2018, Volume 10, 4679-4688.	1.9	9
40	Galloway-Mowat syndrome in Taiwan: OSGEP mutation and unique clinical phenotype. Orphanet Journal of Rare Diseases, 2018, 13, 226.	2.7	16
41	Expression of DNA Damage Response Proteins and Associations with Clinicopathologic Characteristics in Chinese Familial Breast Cancer Patients with BRCA1/2 Mutations. Journal of Breast Cancer, 2018, 21, 297.	1.9	5
42	Mutations in six nephrosis genes delineate a pathogenic pathway amenable to treatment. Nature Communications, 2018, 9, 1960.	12.8	90
43	GAPVD1 and ANKFY1 Mutations Implicate RAB5 Regulation in Nephrotic Syndrome. Journal of the American Society of Nephrology: JASN, 2018, 29, 2123-2138.	6.1	42
44	Mutations in WDR4 as a new cause of Gallowayâ€“Mowat syndrome. American Journal of Medical Genetics, Part A, 2018, 176, 2460-2465.	1.2	56
45	Mutations in KEOPS-complex genes cause nephrotic syndrome with primary microcephaly. Nature Genetics, 2017, 49, 1529-1538.	21.4	164
46	Mutations in sphingosine-1-phosphate lyase cause nephrosis with ichthyosis and adrenal insufficiency. Journal of Clinical Investigation, 2017, 127, 912-928.	8.2	160
47	Advillin acts upstream of phospholipase C Ïµ1 in steroid-resistant nephrotic syndrome. Journal of Clinical Investigation, 2017, 127, 4257-4269.	8.2	39
48	Assessment of chronic renal injury from melamine-associated pediatric urolithiasis: an eighteen-month prospective cohort study. Annals of Saudi Medicine, 2016, 36, 252-257.	1.1	9
49	Mutations in nuclear pore genes NUP93, NUP205 and XPO5 cause steroid-resistant nephrotic syndrome. Nature Genetics, 2016, 48, 457-465.	21.4	149
50	Urinary microprotein concentrations in the long-term follow-up of dilating vesicoureteral reflux patients who underwent medical or surgical treatment. International Urology and Nephrology, 2016, 48, 5-11.	1.4	2
51	A novel role of angiopoietin-like-3 associated with podocyte injury. Pediatric Research, 2015, 77, 732-739.	2.3	28
52	A vital role for Angptl3 in the PAN-induced podocyte loss by affecting detachment and apoptosis in vitro. BMC Nephrology, 2015, 16, 38.	1.8	27
53	Efficacy of rituximab therapy in children with refractory nephrotic syndrome: a prospective observational study in Shanghai. World Journal of Pediatrics, 2014, 10, 59-63.	1.8	23
54	Renal histological features of schoolâ€age children with asymptomatic haematuria and/or proteinuria: A multicenter study. Nephrology, 2014, 19, 426-431.	1.6	10

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55	Accuracy of Early DMSA Scan for VUR in Young Children With Febrile UTI. Pediatrics, 2014, 133, e30-e38.	2.1	34
56	Angiopoietin-Like 3 Induces Podocyte F-Actin Rearrangement through Integrin<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:msub><mml:mrow><mml:mi mathvariant="bold-italic">Î±</mml:mi></mml:mrow><mml:mrow><mml:mi>V</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="bold-italic">Î²</mml:mi></mml:mrow><mml:mrow><mml:mn fontstyle="italic">3</mml:mn></mml:mrow></mml:msub></mml:math>/FAK/PI3K Pathway-Mediated Rac1 Activation. BioMed Research International, 2013, 2013, 1-8.	1.9	39
57	Clinicopathological features of paediatric renal biopsies in Shanghai over a 31â€ƒyear period. Nephrology, 2012, 17, 274-277.	1.6	4
58	A systematic review of interventions for reducing pain and distress in children undergoing voiding cystourethrography. Acta Paediatrica, International Journal of Paediatrics, 2012, 101, 224-229.	1.5	12
59	Follow-up results of children with melamine induced urolithiasis: a prospective observational cohort study. World Journal of Pediatrics, 2011, 7, 232-239.	1.8	11
60	Angiopoietin-like protein 3 regulates the motility and permeability of podocytes by altering nephrin expression in vitro. Biochemical and Biophysical Research Communications, 2010, 399, 31-36.	2.1	30
61	Angiopoietin-like protein 3 modulates barrier properties of human glomerular endothelial cells through a possible signaling pathway involving phosphatidylinositol-3 kinase/protein kinase B and integrin αVβ3. Acta Biochimica Et Biophysica Sinica, 2008, 40, 459-465.	2.0	20
62	Efficacy of urine screening at school: experience in Shanghai, China. Pediatric Nephrology, 2007, 22, 2073-2079.	1.7	22
63	Combined Preimplantation Genetic Testing for Genetic Kidney Disease: Genetic Risk Identification, Assisted Reproductive Cycle, and Pregnancy Outcome Analysis. Frontiers in Medicine, 0, 9, .	2.6	2