Hong Xu

List of Publications by Year in descending order

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125 papers	1,522 citations	430874 18 h-index	477307 29 g-index
138 all docs	138 docs citations	138 times ranked	1817 citing authors

#	Article	IF	Citations
1	IPNA clinical practice recommendations for the diagnosis and management of children with steroid-resistant nephrotic syndrome. Pediatric Nephrology, 2020, 35, 1529-1561.	1.7	179
2	Mutations in multiple components of the nuclear pore complex cause nephrotic syndrome. Journal of Clinical Investigation, 2018, 128, 4313-4328.	8.2	89
3	Acute Kidney Injury among Hospitalized Children in China. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 1791-1800.	4.5	56
4	A New Criterion for Pediatric AKI Based on the Reference Change Value of Serum Creatinine. Journal of the American Society of Nephrology: JASN, 2018, 29, 2432-2442.	6.1	52
5	Genetic spectrum of renal disease for 1001 Chinese children based on a multicenter registration system. Clinical Genetics, 2019, 96, 402-410.	2.0	52
6	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
7	En Bloc Kidneys Transplanted From Infant Donors Less Than 5 kg Into Pediatric Recipients. Transplantation, 2014, 97, 555-558.	1.0	32
8	Renal replacement therapy for children throughout the world: the need for a global registry. Pediatric Nephrology, 2018, 33, 863-871.	1.7	32
9	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
10	A novel role of angiopoietin-like-3 associated with podocyte injury. Pediatric Research, 2015, 77, 732-739.	2.3	28
11	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
12	Updating the International IgA Nephropathy Prediction Tool for use in children. Kidney International, 2021, 99, 1439-1450.	5.2	26
13	Mutations of the Transcriptional Corepressor ZMYM2 Cause Syndromic Urinary Tract Malformations. American Journal of Human Genetics, 2020, 107, 727-742.	6.2	25
14	Consensus recommendations for the care of children receiving chronic dialysis in association with the COVID-19 epidemic. Pediatric Nephrology, 2020, 35, 1351-1357.	1.7	25
15	The effect of hepatitis B vaccination on the incidence of childhood HBV-associated nephritis. Pediatric Nephrology, 2003, 18, 1216-1219.	1.7	24
16	Gene mutation analysis in 12 Chinese children with congenital nephrotic syndrome. BMC Nephrology, 2018, 19, 382.	1.8	24
17	The important roles and molecular mechanisms of annexin A2 autoantibody in children with nephrotic syndrome. Annals of Translational Medicine, 2021, 9, 1452-1452.	1.7	24
18	Expanding the spectrum of A20 haploinsufficiency in two Chinese families: cases report. BMC Medical Genetics, 2019, 20, 124.	2.1	23

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19	Model extrapolation to a real-world dataset: evaluation of tacrolimus population pharmacokinetics and drug interaction in pediatric liver transplantation patients. Xenobiotica, 2020, 50, 371-379.	1.1	22
20	Phenotype and genotype spectra of a Chinese cohort with nephronophthisis-related ciliopathy. Journal of Medical Genetics, 2022, 59, 147-154.	3.2	20
21	Population pharmacokinetics and dosing regimen optimization of tacrolimus in Chinese pediatric hematopoietic stem cell transplantation patients. Xenobiotica, 2020, 50, 188-195.	1.1	19
22	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
23	Current practice and awareness of pediatric off-label drug use in Shanghai, China -a questionnaire-based study. BMC Pediatrics, 2019, 19, 281.	1.7	18
24	A quickly, effectively screening process of novel corona virus disease 2019 (COVID-19) in children in Shanghai, China. Annals of Translational Medicine, 2020, 8, 241-241.	1.7	18
25	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
26	The new complement inhibitor CRIg/FH ameliorates lupus nephritis in lupus-prone MRL/lpr mice. BMC Nephrology, 2019, 20, 424.	1.8	16
27	Optimization of initial dosing scheme of tacrolimus in pediatric refractory nephrotic syndrome patients based on CYP3A5 genotype and coadministration with wuzhi-capsule. Xenobiotica, 2020, 50, 606-613.	1.1	16
28	Mutational analysis of AGXTin two Chinese families with primary hyperoxaluria type 1. BMC Nephrology, 2014, 15, 92.	1.8	15
29	The Effect of Automated versus Continuous Ambulatory Peritoneal Dialysis on Mortality Risk in China. Peritoneal Dialysis International, 2018, 38, 25-35.	2.3	15
30	HNF4A-related Fanconi syndrome in a Chinese patient: a case report and review of the literature. Journal of Medical Case Reports, 2018, 12, 203.	0.8	15
31	COVID-19 Outbreak and Management Approach for Families with Children on Long-Term Kidney Replacement Therapy. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 1259-1266.	4.5	15
32	COQ8B nephropathy: Early detection and optimal treatment. Molecular Genetics & Genomic Medicine, 2020, 8, e1360.	1.2	15
33	Angiopoietin-like-3 knockout protects against glomerulosclerosis in murine adriamycin-induced nephropathy by attenuating podocyte loss. BMC Nephrology, 2019, 20, 185.	1.8	14
34	Initial dosage optimization of tacrolimus in Chinese pediatric patients undergoing kidney transplantation based on population pharmacokinetics and pharmacogenetics. Expert Review of Clinical Pharmacology, 2020, 13, 553-561.	3.1	14
35	Efficacy and Safety of Dapagliflozin in Children With Inherited Proteinuric Kidney Disease: A Pilot Study. Kidney International Reports, 2022, 7, 638-641.	0.8	14
36	Response to childrenâ€™s physical and mental needs during the COVID-19 outbreak. World Journal of Pediatrics, 2020, 16, 278-279.	1.8	13

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37	Mortality in Children Treated With Maintenance Peritoneal Dialysis: Findings From the International Pediatric Peritoneal Dialysis Network Registry. American Journal of Kidney Diseases, 2021, 78, 380-390.	1.9	13
38	Gen1 and Eme1 Play Redundant Roles in DNA Repair and Meiotic Recombination in Mice. DNA and Cell Biology, 2016, 35, 585-590.	1.9	12
39	Initial dose optimization of tacrolimus for children with systemic lupus erythematosus based on theCYP3A5polymorphism and coadministration with Wuzhi capsule. Journal of Clinical Pharmacy and Therapeutics, 2020, 45, 309-317.	1.5	12
40	Genetic Analysis of Dent's Disease and Functional Research of CLCN5 Mutations. DNA and Cell Biology, 2017, 36, 1151-1158.	1.9	11
41	Disruption of Gen1 Causes Congenital Anomalies of the Kidney and Urinary Tract in Mice. International Journal of Biological Sciences, 2018, 14, 10-20.	6.4	11
42	Intrauterine low-protein diet disturbs metanephric gene expression and induces urinary tract developmental abnormalities in mice. Biochemical and Biophysical Research Communications, 2019, 513, 732-739.	2.1	11
43	Podocyte protection by Angptl3 knockout via inhibiting ROS/GRP78 pathway in LPS-induced acute kidney injury. International Immunopharmacology, 2022, 105, 108549.	3.8	11
44	Safety and efficacy of telitacicept in refractory childhood-onset systemic lupus erythematosus: A self-controlled beforeâ€“after trial. Lupus, 2022, 31, 998-1006.	1.6	11
45	A <i>de novo</i> and novel mutation in the <i>EYA1</i> gene in a Chinese child with branchio-oto-renal syndrome. Intractable and Rare Diseases Research, 2018, 7, 42-45.	0.9	10
46	Safety survey by clinical pharmacists on COVID-19 vaccination from a single center in China. Human Vaccines and Immunotherapeutics, 2021, 17, 2863-2867.	3.3	10
47	Diagnostic and clinical utility of genetic testing in children with kidney failure. Pediatric Nephrology, 2021, 36, 3653-3662.	1.7	10
48	Causes and Characteristics of Children Unintentional Injuries in Emergency Department and Its Implications for Prevention. Frontiers in Public Health, 2021, 9, 669125.	2.7	10
49	Early diagnosis of WT1 nephropathy and follow up in a Chinese multicenter cohort. European Journal of Medical Genetics, 2020, 63, 104047.	1.3	10
50	Tacrolimus increases the expression level of the chemokine receptor CXCR2 to promote renal fibrosis progression. International Journal of Molecular Medicine, 2019, 44, 2181-2188.	4.0	10
51	Genetic heterogeneity in Chinese children with systemic lupus erythematosus. Clinical and Experimental Rheumatology, 2021, 39, 214-222.	0.8	10
52	Proton pump inhibitors and the risk of hospital-acquired acute kidney injury in children. Annals of Translational Medicine, 2020, 8, 1438-1438.	1.7	9
53	Multiâ€centre study of the clinical features and gene variant spectrum of Gitelman syndrome in Chinese children. Clinical Genetics, 2021, 99, 558-564.	2.0	9
54	New congenital anomalies of the kidney and urinary tract and outcomes in Robo2 mutant mice with the inserted piggyBac transposon. BMC Nephrology, 2016, 17, 98.	1.8	8

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55	Noncoding rare variants of TBX6 in congenital anomalies of the kidney and urinary tract. Molecular Genetics and Genomics, 2019, 294, 493-500.	2.1	8
56	Acute kidney injury as a rare manifestation of pediatric sarcoidosis: A case report and systematic literature review. Clinica Chimica Acta, 2019, 489, 68-74.	1.1	8
57	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
58	Initial Dosage Recommendation for Sirolimus in Children With Tuberous Sclerosis Complex. Frontiers in Pharmacology, 2020, 11, 890.	3.5	8
59	An internet-based multidisciplinary online medical consultation system to help cope with pediatric medical needs during the COVID-19 outbreak: a cross-sectional study. Translational Pediatrics, 2021, 10, 560-568.	1.2	8
60	Early detection of congenital anomalies of the kidney and urinary tract: cross-sectional results of a community-based screening and referral study in China. BMJ Open, 2018, 8, e020634.	1.9	7
61	Pharmacogenomics analysis in Chinese pediatric liver transplantation patients with renal toxicity induced by tacrolimus. Xenobiotica, 2020, 50, 488-493.	1.1	7
62	Population pharmacokinetics and initial dosing regimen optimization of cyclosporin in pediatric hemophagocytic lymphohistiocytosis patients. Xenobiotica, 2020, 50, 435-441.	1.1	7
63	Gen1 mutation caused kidney hypoplasia and defective ureter-bladder connections in mice. International Journal of Biological Sciences, 2020, 16, 1640-1647.	6.4	7
64	Pediatric kidney transplantation in China: an analysis from the IPNA Global Kidney Replacement Therapy Registry. Pediatric Nephrology, 2021, 36, 685-692.	1.7	7
65	PK/PD Study of Mycophenolate Mofetil in Children With Systemic Lupus Erythematosus to Inform Model-Based Precision Dosing. Frontiers in Pharmacology, 2020, 11, 605060.	3.5	7
66	Population Pharmacokinetics and Initial Dose Optimization of Sirolimus Improving Drug Blood Level for Seizure Control in Pediatric Patients With Tuberous Sclerosis Complex. Frontiers in Pharmacology, 2021, 12, 647232.	3.5	6
67	Genetic Architecture of Childhood Kidney and Urological Diseases in China. Phenomics, 2021, 1, 91-104.	2.9	6
68	Effects of voriconazole on population pharmacokinetics and optimization of the initial dose of tacrolimus in children with chronic granulomatous disease undergoing hematopoietic stem cell transplantation. Annals of Translational Medicine, 2021, 9, 1477-1477.	1.7	6
69	Population Pharmacokinetics of Rituximab in Pediatric Patients With Frequent-Relapsing or Steroid-Dependent Nephrotic Syndrome. Frontiers in Pharmacology, 2021, 12, 725665.	3.5	6
70	Phenotypic spectrum and genetics of PAX2-related disorder in the Chinese cohort. BMC Medical Genomics, 2021, 14, 250.	1.5	6
71	Single Kidneys Transplanted From Small Pediatric Donors Less Than 15 Kilograms Into Pediatric Recipients. Transplantation, 2014, 98, e97-e100.	1.0	5
72	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

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73	Age- and gender-specific trends in respiratory outpatient visits and diagnoses at a tertiary pediatric hospital in China: a 10-year retrospective study. BMC Pediatrics, 2020, 20, 115.	1.7	5
74	Population pharmacokinetics model and initial dose optimization of tacrolimus in children and adolescents with lupus nephritis based on realâ€‘world data. Experimental and Therapeutic Medicine, 2020, 20, 1423-1430.	1.8	5
75	Clinical and genetic analysis of distal renal tubular acidosis in three Chinese children. Renal Failure, 2018, 40, 520-526.	2.1	4
76	Anti-proteinuria effect of antibody against ANGPTL3 coil-coiled domain on adriamycin-induced nephropathy in mice. Biochemical and Biophysical Research Communications, 2019, 516, 812-818.	2.1	4
77	Usefulness of mizoribine administration in children with frequently relapsing nephrotic syndrome, and the relationship between pharmacokinetic parameters and efficacy: a multicenter prospective cohort study in China. World Journal of Pediatrics, 2019, 15, 262-269.	1.8	4
78	Gen1 Modulates Metanephric Morphology Through Retinoic Acid Signaling. DNA and Cell Biology, 2019, 38, 263-271.	1.9	4
79	Money matters: a multicenter cross-sectional study of depressive symptoms among the caregivers of children on peritoneal dialysis in Mainland China. BMC Nephrology, 2020, 21, 472.	1.8	4
80	IPDN-China promotes the development of pediatric dialysis in China. Pediatric Nephrology, 2020, 35, 2163-2171.	1.7	4
81	Population pharmacokinetics of mycophenolic acid in pediatric patients with juvenile dermatomyositis and optimization of limited sampling strategy. Xenobiotica, 2021, 51, 167-176.	1.1	4
82	Characteristics and outcomes of glomerulonephritis with membranoproliferative pattern in children. Translational Pediatrics, 2021, 10, 2985-2996.	1.2	4
83	Low-dose oral hydroxychloroquine led to impaired vision in a child with renal failure. Medicine (United States), 2021, 100, e24919.	1.0	4
84	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
85	Magnetic Agarose Microspheres/Hyaluronic Acid Hydrogel as a Trackable Bulking Agent for Vesicoureteral Reflux Treatment. Frontiers in Bioengineering and Biotechnology, 2021, 9, 746609.	4.1	4
86	Effects of Posaconazole on Tacrolimus Population Pharmacokinetics and Initial Dose in Children With Crohnâ€™s Disease Undergoing Hematopoietic Stem Cell Transplantation. Frontiers in Pharmacology, 2022, 13, 758524.	3.5	4
87	The significance of Pax2 expression in the ureter epithelium of children with vesicoureteric reflux. Human Pathology, 2015, 46, 963-970.	2.0	3
88	Maternal protein restriction reduces perlecan at midâ€metanephrogenesis in rats. Nephrology, 2016, 21, 200-208.	1.6	3
89	pH-mediated upregulation of AQP1 gene expression through the Spi-B transcription factor. BMC Molecular Biology, 2018, 19, 4.	3.0	3
90	Initial dose recommendation for sirolimus in paediatric kaposiform haemangioendothelioma patients based on population pharmacokinetics and pharmacogenomics. Journal of International Medical Research, 2020, 48, 030006052094762.	1.0	3

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91	Exploration of postnatal integrated management for prenatal renal and urinary tract anomalies in China. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 360-365.	1.5	3
92	Exploration of the Optimal Desmopressin Treatment in Children With Monosymptomatic Nocturnal Enuresis: Evidence From a Chinese Cohort. Frontiers in Pediatrics, 2020, 8, 626083.	1.9	3
93	Mycophenolic Acid Exposure Optimization Based on VitaminÂD Status in Children with Systemic Lupus Erythematosus: A Single-Center Retrospective Study. Rheumatology and Therapy, 2021, 8, 1143-1157.	2.3	3
94	Clinical Features and Risk Factors of Fungal Peritonitis in Children on Peritoneal Dialysis. Frontiers in Pediatrics, 2021, 9, 683992.	1.9	3
95	Exposure levels of mycophenolic acid are associated with comorbidities in children with systemic lupus erythematosus. Lupus, 2021, 30, 096120332110345.	1.6	3
96	An accessible insight into genetic findings for transplantation recipients with suspected genetic kidney disease. Npj Genomic Medicine, 2021, 6, 57.	3.8	3
97	Initial dosage optimization of ciclosporin in pediatric Chinese patients who underwent bone marrow transplants based on population pharmacokinetics. Experimental and Therapeutic Medicine, 2020, 20, 401-408.	1.8	3
98	Optimization of Initial Dose Regimen for Sirolimus in Pediatric Patients With Lymphangioma. Frontiers in Pharmacology, 2021, 12, 668952.	3.5	3
99	Interleukin-22 in Renal Protection and Its Pathological Role in Kidney Diseases. Frontiers in Immunology, 2022, 13, 851818.	4.8	3
100	Multidisciplinary approach to screening and management of children with Fabry disease: practice at a Tertiary Childrenâ€™s Hospital in China. Orphanet Journal of Rare Diseases, 2021, 16, 509.	2.7	3
101	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
102	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
103	Point-of-care training program on COVID-19 infection prevention and control for pediatric healthcare workers: a multicenter, cross-sectional questionnaire survey in Shanghai, China. Translational Pediatrics, 2021, 10, 44-53.	1.2	2
104	Overexpression of Long Non-coding RNA 4933425B07Rik Causes Urinary Malformations in Mice. Frontiers in Cell and Developmental Biology, 2021, 9, 594640.	3.7	2
105	Importance of clinical practice guidelines to practicing pediatric nephrologists and IPNA survey. Pediatric Nephrology, 2021, 36, 3493-3497.	1.7	2
106	Population pharmacokinetics and pharmacogenomics of tacrolimus in Chinese children receiving a liver transplant: initial dose recommendation. Translational Pediatrics, 2020, 9, 576-586.	1.2	2
107	Robo2 and Gen1 Coregulate Ureteric Budding by Activating the MAPK/ERK Signaling Pathway in Mice. Frontiers in Medicine, 2021, 8, 807898.	2.6	2
108	Genetic heterogeneity in Chinese children with systemic lupus erythematosus. Clinical and Experimental Rheumatology, 2021, 39, 214-222.	0.8	2

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109	Newborn emergency transport based on the fifth-generation wireless networks and blockchain. World Journal of Pediatrics, 2022, 18, 520-524.	1.8	2
110	First vaccination after birth: serious adverse events of Bacillus Calmette-GuÃ©rin (BCG) in real-world. Human Vaccines and Immunotherapeutics, 2022, 18, .	3.3	2
111	Phenotypic variability in a child with Feltyâ€™s syndrome: a case report. BMC Pediatrics, 2020, 20, 153.	1.7	1
112	Factors associated with the time to return negative RT-PCR from COVID-19 in paediatric patients: a retrospective cohort study. BMJ Open, 2021, 11, e052609.	1.9	1
113	Population pharmacokinetics of tacrolimus in pediatric patients with systemicâ€onset juvenile idiopathic arthritis: Initial dosage recommendations. Experimental and Therapeutic Medicine, 2019, 18, 4653-4660.	1.8	1
114	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
115	Disruption of Gen1 causes ectopic budding and kidney hypoplasia in mice. Biochemical and Biophysical Research Communications, 2022, 589, 173-179.	2.1	1
116	Population pharmacokinetic and dose optimization of mycophenolic acid in children with anti-neutrophilic cytoplasmic antibody-associated nephritis. European Journal of Clinical Pharmacology, 2022, 78, 831.	1.9	1
117	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
118	Reduction in peritonitis rates: 18-year results from the most active pediatric peritoneal dialysis center in China. Pediatric Nephrology, 2022, , 1.	1.7	1
119	Effects of electroacupuncture on expression of COX-2 in the dorsal horn of spinal cord of arthritic rats. Journal of Acupuncture and Tuina Science, 2006, 4, 264-266.	0.3	0
120	Recommendations regarding the admission, infection prevention and control of pediatric patients during coronavirus disease 2019 outbreak in Shanghai China. Translational Pediatrics, 2021, 10, 692-700.	1.2	0
121	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
122	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
123	PPARÎ± agonist exerts protective effects in podocyte injury via inhibition of the ANGPTL3 pathway. Experimental Cell Research, 2021, 407, 112753.	2.6	0
124	Evaluation of a new frequencyâ€“volume chart for children with primary monosymptomatic nocturnal enuresis: a prospective, comparative study. World Journal of Pediatrics, 2021, 17, 643-652.	1.8	0
125	Urine Screening and 9 Yearsâ€™ Medical Record System Follow-Up Among School Students in Wenzhou, China. Frontiers in Pediatrics, 2022, 10, 862029.	1.9	0