

Douglas G Matsell

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,837
citations

201674

27
h-index

175258

52
g-index

74
all docs

74
docs citations

74
times ranked

2973
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term Risk of CKD in Children Surviving Episodes of Acute Kidney Injury in the Intensive Care Unit: A Prospective Cohort Study. <i>American Journal of Kidney Diseases</i> , 2012, 59, 523-530.	1.9	463
2	Long-term Renal Prognosis of Diarrhea-Associated Hemolytic Uremic Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2003, 290, 1360.	7.4	447
3	Neonatal Renal Venous Thrombosis: Clinical Outcomes and Prevalence of Prothrombotic Disorders. <i>Journal of Pediatrics</i> , 2005, 146, 811-816.	1.8	107
4	A Randomized Trial of a Multicomponent Intervention to Promote Medication Adherence: The Teen Adherence in Kidney Transplant Effectiveness of Intervention Trial (TAKE-IT). <i>American Journal of Kidney Diseases</i> , 2018, 72, 30-41.	1.9	104
5	Epidemiology of cardiac surgery-associated acute kidney injury in neonates: a retrospective study. <i>Pediatric Nephrology</i> , 2013, 28, 1127-1134.	1.7	91
6	Reliability and validity of the objective structured clinical examination in paediatrics. <i>Medical Education</i> , 1991, 25, 293-299.	2.1	84
7	Cytochrome P450 3A and 2B6 in the developing kidney: implications for ifosfamide nephrotoxicity. <i>Pediatric Nephrology</i> , 2005, 20, 872-885.	1.7	78
8	Mesenchymal transition in kidney collecting duct epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, F1238-F1248.	2.7	74
9	Renal ontogeny in the rhesus monkey (<i>Macaca mulatta</i>) and directed differentiation of human embryonic stem cells towards kidney precursors. <i>Differentiation</i> , 2009, 78, 45-56.	1.9	74
10	Fetal rhesus monkey model of obstructive renal dysplasia. <i>Kidney International</i> , 2001, 59, 446-456.	5.2	72
11	IGF-Binding Protein mRNAs in the Human Fetus: Tissue and Cellular Distribution of Developmental Expression. <i>Hormone Research</i> , 1996, 45, 160-166.	1.8	70
12	Insulin-like growth factors inhibit podocyte apoptosis through the PI3 kinase pathway. <i>Kidney International</i> , 2005, 67, 1308-1314.	5.2	63
13	Collecting duct epithelialâ€mesenchymal transition in fetal urinary tract obstruction. <i>Kidney International</i> , 2007, 72, 936-944.	5.2	63
14	Experimental models of fetal obstructive nephropathy. <i>Pediatric Nephrology</i> , 2002, 17, 470-476.	1.7	57
15	Isolated Angiitis of the Central Nervous System in Childhood. <i>Canadian Journal of Neurological Sciences</i> , 1990, 17, 151-154.	0.5	50
16	Expression of insulin-like growth factor and binding protein genes during nephrogenesis. <i>Kidney International</i> , 1994, 46, 1031-1042.	5.2	45
17	Altered primate glomerular development due to in utero urinary tract obstruction. <i>Kidney International</i> , 2002, 61, 1263-1269.	5.2	44
18	Urinary Biomarkers in Obstructive Nephropathy. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2012, 7, 1567-1575.	4.5	44

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19	Antiproteinuric effects of enalapril and losartan: a pilot study. <i>Pediatric Nephrology</i> , 2003, 18, 1038-1043.	1.7	42
20	<i>Escherichia coli</i> verotoxin binding to human paediatric glomerular mesangial cells. <i>Pediatric Nephrology</i> , 1995, 9, 700-704.	1.7	41
21	Albuminuria and Estimated GFR 5 Years After <i>Escherichia coli</i> O157 Hemolytic Uremic Syndrome: An Update. <i>American Journal of Kidney Diseases</i> , 2008, 51, 435-444.	1.9	41
22	Ontogeny of CD24 in the human kidney. <i>Kidney International</i> , 2010, 77, 1123-1131.	5.2	36
23	Arteriovenous fistula after biopsy of renal transplant kidney: diagnosis and treatment. <i>Pediatric Nephrology</i> , 1992, 6, 562-564.	1.7	33
24	Renal dysplasia: New approaches to an old problem. <i>American Journal of Kidney Diseases</i> , 1998, 32, 535-543.	1.9	33
25	Congenital urinary tract obstruction: defining markers of developmental kidney injury. <i>Pediatric Research</i> , 2012, 72, 446-454.	2.3	32
26	Antenatal Determinants of Long-Term Kidney Outcome in Boys with Posterior Urethral Valves. <i>Fetal Diagnosis and Therapy</i> , 2016, 39, 214-221.	1.4	29
27	Microalbuminuria three years after recovery from <i>Escherichia coli</i> O157 hemolytic uremic syndrome due to municipal water contamination. <i>Kidney International</i> , 2005, 67, 1476-1482.	5.2	28
28	Renal Leiomyoma Associated With Epstein-Barr Virus in a Pediatric Transplant Patient. <i>American Journal of Kidney Diseases</i> , 2005, 46, 351-355.	1.9	28
29	Cytokine stimulation of prostaglandin production inhibits the proliferation of serum-stimulated mesangial cells. <i>Kidney International</i> , 1994, 45, 159-165.	5.2	25
30	Regulation of the taurine transporter gene in the S3 segment of the proximal tubule. <i>Kidney International</i> , 1997, 52, 748-754.	5.2	25
31	The Role of I and B in Peritonitis Associated with the Nephrotic Syndrome of Childhood. <i>Pediatric Research</i> , 1993, 34, 84-87.	2.3	23
32	Risk of hypertension and reduced kidney function after acute gastroenteritis from bacteria-contaminated drinking water. <i>Cmaj</i> , 2005, 173, 261-268.	2.0	23
33	The role of the type I insulin-like growth factor receptor (IGF-IR) in glomerular integrity. <i>Growth Hormone and IGF Research</i> , 2008, 18, 26-37.	1.1	23
34	Acute kidney injury in children with sickle cell disease—compounding a chronic problem. <i>Pediatric Nephrology</i> , 2017, 32, 1287-1291.	1.7	21
35	Plasma Terminal Complement Complexes in Acute Poststreptococcal Glomerulonephritis. <i>American Journal of Kidney Diseases</i> , 1991, 17, 311-316.	1.9	20
36	Remodeling of the Fetal Collecting Duct Epithelium. <i>American Journal of Pathology</i> , 2010, 176, 630-637.	3.8	20

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37	An outbreak of diarrhea-associated childhood hemolytic uremic syndrome: the Walkerton epidemic. <i>Kidney International</i> , 2009, 75, S35-S37.	5.2	19
38	Urinary tract obstruction in the mouse: the kinetics of distal nephron injury. <i>Laboratory Investigation</i> , 2013, 93, 1012-1023.	3.7	19
39	Uromodulin deficiency alters tubular injury and interstitial inflammation but not fibrosis in experimental obstructive nephropathy. <i>Physiological Reports</i> , 2018, 6, e13654.	1.7	17
40	Phenotypic Transition of the Collecting Duct Epithelium in Congenital Urinary Tract Obstruction. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-9.	3.0	16
41	Tacrolimus therapeutic drug monitoring and pediatric renal transplant graft outcomes. <i>Pediatric Transplantation</i> , 2014, 18, 803-809.	1.0	16
42	Terminal complement complexes in acute poststreptococcal glomerulonephritis. <i>Pediatric Nephrology</i> , 1994, 8, 671-676.	1.7	15
43	Increased expression of insulin-like growth factors in progressive glomerulonephritis of the MRL lpr mouse. <i>Lupus</i> , 2003, 12, 584-590.	1.6	15
44	Absence of renal sequelae after childhood <i>Escherichia coli</i> O157:H7 gastroenteritis. <i>Kidney International</i> , 2006, 70, 807-812.	5.2	14
45	Outcome of kidney transplantation in Canadian Aboriginal children in the province of British Columbia. <i>Pediatric Transplantation</i> , 2009, 13, 856-860.	1.0	14
46	The impact of small kidneys. <i>Pediatric Nephrology</i> , 2015, 30, 1501-1509.	1.7	14
47	Insulin-like growth factor binding protein-2 modulates podocyte mitogenesis. <i>Pediatric Nephrology</i> , 2003, 18, 1109-1115.	1.7	13
48	Characterization and Culture of Fetal Rhesus Monkey Renal Cortical Cells. <i>Pediatric Research</i> , 2009, 66, 448-454.	2.3	13
49	Indications for kidney biopsy in idiopathic childhood nephrotic syndrome. <i>Pediatric Nephrology</i> , 2017, 32, 1897-1905.	1.7	13
50	Outcomes of solitary functioning kidneys—renal agenesis is different than multicystic dysplastic kidney disease. <i>Pediatric Nephrology</i> , 2021, 36, 3673-3680.	1.7	12
51	Advancing Palliative Care in Patients With CKD: From Ideas to Practice. <i>American Journal of Kidney Diseases</i> , 2021, 77, 420-426.	1.9	11
52	Evaluation of metanephric maturation in a human fetal kidney explant model. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1998, 34, 138-148.	1.5	10
53	Induction prednisone dosing for childhood nephrotic syndrome: how low should we go?. <i>Pediatric Nephrology</i> , 2018, 33, 1539-1545.	1.7	8
54	Fluid overload and acute kidney injury in children with tumor lysis syndrome. <i>Pediatric Blood and Cancer</i> , 2021, 68, e29255.	1.5	7

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55	Selected Primary Care Issues and Comorbidities in Children Who Are on Maintenance Dialysis: A Review for the Pediatric Nephrologist. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2007, 2, 847-857.	4.5	6
56	Expression of complement regulatory proteins in the developing human kidney. <i>Pediatric Nephrology</i> , 2000, 15, 36-42.	1.7	4
57	The importance of clinical pathways and protocols in pediatric nephrology. <i>Pediatric Nephrology</i> , 2014, 29, 1903-1914.	1.7	4
58	Dietary intakes of children with nephrotic syndrome. <i>Pediatric Nephrology</i> , 2021, 36, 2819-2826.	1.7	4
59	Henoch-Schönlein purpura in children. <i>Canadian Family Physician</i> , 2020, 66, 895-897.	0.4	4
60	Nephrosis, peritonitis and complement deficiency. <i>Pediatric Nephrology</i> , 1990, 4, 575-575.	1.7	3
61	Kidney length standardized to body length predicts outcome in infants with a solitary functioning kidney. <i>Pediatric Nephrology</i> , 2023, 38, 173-180.	1.7	3
62	Quiz Page July 2007. <i>American Journal of Kidney Diseases</i> , 2007, 50, A33-A35.	1.9	2
63	Functional Development of the Kidney in Utero. , 2017, , 965-976.e3.		2
64	Baclofen Toxicity in Children With Acute Kidney Injury: Case Reports and Review of the Literature. <i>Child Neurology Open</i> , 2020, 7, 2329048X2093711.	1.1	2
65	Clinical quiz. <i>Pediatric Nephrology</i> , 1994, 8, 783-784.	1.7	1
66	Nephrotic syndrome developing during induction chemotherapy for childhood acute lymphoblastic leukemia. <i>Clinical and Experimental Nephrology</i> , 2011, 15, 410-413.	1.6	1
67	Chylous Pericardial Effusion in Granulomatosis with Polyangiitis. <i>Nephrology</i> , 2014, 19, 367-368.	1.6	1
68	Predicting outcomes and improving care in children with congenital kidney anomalies. <i>Pediatric Nephrology</i> , 2020, 35, 1811-1814.	1.7	1
69	Only anti-CD133 antibodies recognizing the CD133/1 or the CD133/2 epitopes can identify human renal progenitors. <i>Kidney International</i> , 2010, 78, 621.	5.2	0
70	A rare cause of hypertension in a healthy 2-year-old female: Questions. <i>Pediatric Nephrology</i> , 2012, 27, 2053-2054.	1.7	0
71	A rare cause of hypertension in a healthy 2-year-old female: Answers. <i>Pediatric Nephrology</i> , 2012, 27, 2055-2057.	1.7	0
72	Plasticity within the Collecting Ducts. , 2016, , 335-350.		0

#	ARTICLE	IF	CITATIONS
73	Congenital Urinary Tract Obstructionâ€™Diagnosis and Management in the Fetus. , 2019, , 391-409.		0