

Michael D Hughson

List of Publications by Year in descending order

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72
papers

5,961
citations

109321

35
h-index

85541

71
g-index

76
all docs

76
docs citations

76
times ranked

5652
citing authors

#	ARTICLE	IF	CITATIONS
1	Germline and somatic mutations in the tyrosine kinase domain of the MET proto-oncogene in papillary renal carcinomas. <i>Nature Genetics</i> , 1997, 16, 68-73.	21.4	1,461
2	Glomerular number and size in autopsy kidneys: The relationship to birth weight. <i>Kidney International</i> , 2003, 63, 2113-2122.	5.2	647
3	Human nephron number: implications for health and disease. <i>Pediatric Nephrology</i> , 2011, 26, 1529-1533.	1.7	405
4	A stereological study of glomerular number and volume: Preliminary findings in a multiracial study of kidneys at autopsy. <i>Kidney International</i> , 2003, 63, S31-S37.	5.2	295
5	Nephron Number, Hypertension, Renal Disease, and Renal Failure. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 2557-2564.	6.1	276
6	Nephron number, glomerular volume, renal disease and hypertension. <i>Current Opinion in Nephrology and Hypertension</i> , 2008, 17, 258-265.	2.0	169
7	Pulmonary Thrombotic Arteriopathy in Patients With Sickle Cell Disease. <i>Archives of Pathology and Laboratory Medicine</i> , 2001, 125, 1436-1441.	2.5	130
8	Glomerular number and size variability and risk for kidney disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2011, 20, 7-15.	2.0	126
9	A Common RET Variant Is Associated with Reduced Newborn Kidney Size and Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 2027-2034.	6.1	118
10	Associations of Glomerular Number and Birth Weight With Clinicopathological Features of African Americans and Whites. <i>American Journal of Kidney Diseases</i> , 2008, 52, 18-28.	1.9	106
11	Antioxidant Treatment Prevents Renal Damage and Dysfunction and Reduces Arterial Pressure in Salt-Sensitive Hypertension. <i>Hypertension</i> , 2005, 45, 934-939.	2.7	100
12	Determinants of Glomerular Volume in Different Cortical Zones of the Human Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 3102-3109.	6.1	98
13	Use of hyperspectral imaging to distinguish normal, precancerous, and cancerous cells. <i>Cancer</i> , 2008, 114, 13-21.	4.1	89
14	Spectrum of vascular pathology affecting patients with the antiphospholipid syndrome. <i>Human Pathology</i> , 1995, 26, 716-724.	2.0	81
15	Fatal Enteritis Necroticans (Pigbel) in a Diabetic Adult. <i>Modern Pathology</i> , 2002, 15, 66-70.	5.5	79
16	Hypertension, glomerular hypertrophy and nephrosclerosis: the effect of race. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 1399-1409.	0.7	77
17	Alveolar Hemorrhage and Renal Microangiopathy in Systemic Lupus Erythematosus. <i>Archives of Pathology and Laboratory Medicine</i> , 2001, 125, 475-483.	2.5	73
18	mTOR-mediated podocyte hypertrophy regulates glomerular integrity in mice and humans. <i>JCI Insight</i> , 2019, 4, .	5.0	69

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19	Human papillomavirus genotyping and p16INK4a expression in cervical intraepithelial neoplasia of adolescents. <i>Modern Pathology</i> , 2005, 18, 267-273.	5.5	68
20	NADPH oxidase contributes to renal damage and dysfunction in Dahl salt-sensitive hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R1858-R1865.	1.8	64
21	Podocyte Number in Children and Adults. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2277-2288.	6.1	61
22	New insights on glomerular hyperfiltration: a Japanese autopsy study. <i>JCI Insight</i> , 2017, 2, .	5.0	57
23	Human podocyte depletion in association with older age and hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F656-F668.	2.7	55
24	Renal biopsy findings among Indigenous Australians: a nationwide review. <i>Kidney International</i> , 2012, 82, 1321-1331.	5.2	52
25	Epidemic Renal Disease of Unknown Etiology in the Zuni Indians. <i>American Journal of Kidney Diseases</i> , 1987, 9, 485-496.	1.9	50
26	Molecular Characterization of β^2 -Thalassemia in the Dohuk Region of Iraq. <i>Hemoglobin</i> , 2006, 30, 479-486.	0.8	49
27	Glomerular size and glomerulosclerosis: Relationships to disease categories, glomerular solidification, and ischemic obsolescence. <i>American Journal of Kidney Diseases</i> , 2002, 39, 679-688.	1.9	48
28	Effects of prolonged exposure to dietary DDT and PCB on rat liver morphology. <i>Archives of Environmental Contamination and Toxicology</i> , 1981, 10, 171-183.	4.1	45
29	CKD in Aboriginal Australians. <i>American Journal of Kidney Diseases</i> , 2010, 56, 983-993.	1.9	44
30	N-Acetylcysteine improves renal dysfunction, ameliorates kidney damage and decreases blood pressure in salt-sensitive hypertension. <i>Journal of Hypertension</i> , 2006, 24, 2263-2270.	0.5	43
31	A comparison of nephron number, glomerular volume and kidney weight in Senegalese Africans and African Americans. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 1514-1520.	0.7	42
32	Estimating individual glomerular volume in the human kidney: clinical perspectives. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 1880-1888.	0.7	42
33	CD79a expression in acute myeloid leukemia t(8;21) and the importance of cytogenetics in the diagnosis of leukemias with immunophenotypic ambiguity. <i>Cancer Genetics and Cytogenetics</i> , 2005, 163, 62-67.	1.0	37
34	Nephron number and individual glomerular volumes in male Caucasian and African American subjects. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 2428-2433.	0.7	37
35	Distribution of Volumes of Individual Glomeruli in Kidneys at Autopsy: Association with Physical and Clinical Characteristics and with Ethnic Group. <i>American Journal of Nephrology</i> , 2011, 33, 15-20.	3.1	37
36	Mesangial Proliferative Glomerulonephritis in Southwestern American Indians. <i>American Journal of Kidney Diseases</i> , 1993, 21, 486-496.	1.9	36

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37	Renal pathology, glomerular number and volume in a West African urban community. <i>Nephrology Dialysis Transplantation</i> , 2008, 23, 2576-2585.	0.7	36
38	APOL1 Risk Alleles Are Associated with Exaggerated Age-Related Changes in Glomerular Number and Volume in African-American Adults. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 3179-3189.	6.1	36
39	PERCUTANEOUS CRYOABLATION OF PORCINE KIDNEYS WITH MAGNETIC RESONANCE IMAGING MONITORING. <i>Journal of Urology</i> , 2001, 166, 289-291.	0.4	35
40	Applicability of the glomerular size distribution coefficient in assessing human glomerular volume: the Weibel and Gomez method revisited. <i>Journal of Anatomy</i> , 2007, 210, 578-582.	1.5	32
41	Does nephron number matter in the development of kidney disease?. <i>Ethnicity and Disease</i> , 2006, 16, S2-40-5.	2.3	32
42	How Many Glomerular Profiles Must Be Measured to Obtain Reliable Estimates of Mean Glomerular Areas in Human Renal Biopsies?. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 556-563.	6.1	30
43	Towards a definition of glomerulomegaly: clinical-pathological and methodological considerations. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 2202-2208.	0.7	30
44	Eosinophilic granulomatous gastrointestinal and hepatic abscesses attributable to basidiobolomycosis and fasciolias: a simultaneous emergence in Iraqi Kurdistan. <i>BMC Infectious Diseases</i> , 2013, 13, 91.	2.9	30
45	Correlating structure with solute and water transport in a chronic model of peritoneal inflammation. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, F232-F240.	2.7	29
46	Clear-Cell and Papillary Carcinoma of the Kidney. <i>Cancer Genetics and Cytogenetics</i> , 1998, 106, 93-104.	1.0	28
47	Associations between age, body size and nephron number with individual glomerular volumes in urban West African males. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 1500-1506.	0.7	28
48	Breast cancer in kurdish women of northern Iraq: incidence, clinical stage, and case control analysis of parity and family risk. <i>BMC Women's Health</i> , 2009, 9, 33.	2.0	28
49	A population-based study of Kurdish breast cancer in northern Iraq: Hormone receptor and HER2 status. A comparison with Arabic women and United States SEER data. <i>BMC Women's Health</i> , 2012, 12, 16.	2.0	26
50	Glomerular hypertrophy in subjects with low nephron number: contributions of sex, body size and race. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 1686-1695.	0.7	23
51	Acute kidney injury associated with androgenic steroids and nutritional supplements in bodybuilders. <i>CKJ: Clinical Kidney Journal</i> , 2015, 8, 415-419.	2.9	23
52	Morphologic Variants of Light-Chain Deposition Disease in the Kidney. <i>American Journal of Nephrology</i> , 1988, 8, 272-279.	3.1	21
53	Glomerular Volume and Clinicopathologic Features Related to Disease Severity in Renal Biopsies of African Americans and Whites in the Southeastern United States. <i>Archives of Pathology and Laboratory Medicine</i> , 2007, 131, 1665-1672.	2.5	20
54	Expression of fibronectin and HIF-1 α in renal cell carcinomas: relationship to von Hippel-Lindau gene inactivation. <i>Cancer Genetics and Cytogenetics</i> , 2004, 152, 89-94.	1.0	19

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55	APOL1 Risk Alleles Are Associated With More Severe Arteriosclerosis in Renal Resistance Vessels With Aging and Hypertension. <i>Kidney International Reports</i> , 2016, 1, 10-23.	0.8	19
56	Design-based stereological methods for estimating numbers of glomerular podocytes. <i>Annals of Anatomy</i> , 2014, 196, 48-56.	1.9	18
57	Renal cell carcinoma in an end-stage kidney of a patient with a functional transplant: Cytogenetic and molecular genetic findings. <i>Cancer Genetics and Cytogenetics</i> , 1996, 89, 65-68.	1.0	17
58	The Predictive Value of p16 INK4a and Hybrid Capture 2 Human Papillomavirus Testing for High-Grade Cervical Intraepithelial Neoplasia. <i>American Journal of Clinical Pathology</i> , 2004, 122, 894-901.	0.7	17
59	A comparison of pathomolecular markers of fibrosis and morphology in kidney from autopsies of African Americans and whites. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2007, 450, 41-50.	2.8	17
60	Breast cancer in Iraq is associated with a unimodally distributed predominance of luminal type B over luminal type A surrogates from young to old age. <i>BMC Women's Health</i> , 2017, 17, 27.	2.0	16
61	Analysis of 3p allelic loss in papillary and nonpapillary renal cell carcinomas: Correlation with tumor karyotypes. <i>Cancer Genetics and Cytogenetics</i> , 1996, 87, 133-139.	1.0	14
62	APOL1 Risk Variants Independently Associated With Early Cardiovascular Disease Death. <i>Kidney International Reports</i> , 2018, 3, 89-98.	0.8	14
63	Expression of HIF-1 and ubiquitin in conventional renal cell carcinoma. <i>Cancer Genetics and Cytogenetics</i> , 2003, 143, 145-153.	1.0	13
64	Progressive Nephron Loss in Aging Kidneys: Clinical-Structural Associations Investigated by Two Anatomical Methods. <i>Anatomical Record</i> , 2020, 303, 2526-2536.	1.4	12
65	Low Birth Weight and Kidney Function: Is There a Relationship and Is it Determined by the Intrauterine Environment?. <i>American Journal of Kidney Diseases</i> , 2007, 50, 531-534.	1.9	9
66	Multicentric giant pigmented nevi of the scalp with local invasion of the cranium and dura mater. <i>Journal of Pediatric Surgery</i> , 1982, 17, 55-58.	1.6	5
67	Effects of bodybuilding supplements on the kidney: A population-based incidence study of biopsy pathology and clinical characteristics among middle eastern men. <i>BMC Nephrology</i> , 2020, 21, 164.	1.8	5
68	Nephron Hypertrophy and Glomerulosclerosis in Normal Donor Kidneys. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2014, 9, 1832-1834.	4.5	4
69	Incidence of glomerulonephritis and non-diabetic end-stage renal disease in a developing middle-east region near armed conflict. <i>BMC Nephrology</i> , 2018, 19, 257.	1.8	4
70	Non-Hodgkin Lymphoma in the Middle East Is Characterized by Low Incidence Rates With Advancing Age. <i>Journal of Global Oncology</i> , 2019, 5, 1-10.	0.5	2
71	The causes and frequency of kidney allograft failure in a low-resource setting: observational data from Iraqi Kurdistan. <i>BMC Nephrology</i> , 2021, 22, 272.	1.8	2
72	Variation in Human Nephron Number and Association with Disease. , 2016, , 167-175.		1