Laura Barisoni

List of Publications by Year
in descending order

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51 papers	2,873 citations	218677 26 h-index	182427 51 g-index
56 all docs	56 docs citations	56 times ranked	3460 citing authors

#	Article	IF	Citations
1	Impact of Consensus Definitions on Identification of Glomerular Lesions by Light and Electron Microscopy. Kidney International Reports, 2022, 7, 78-86.	0.8	3
2	Quantification of Glomerular Structural Lesions: Associations With Clinical Outcomes and Transcriptomic Profiles in Nephrotic Syndrome. American Journal of Kidney Diseases, 2022, 79, 807-819.e1.	1.9	13
3	Kidney Biopsy Features Most Predictive of Clinical Outcomes in the Spectrum of Minimal Change Disease and Focal Segmental Glomerulosclerosis. Journal of the American Society of Nephrology: JASN, 2022, 33, 1411-1426.	6.1	16
4	A reference tissue atlas for the human kidney. Science Advances, 2022, 8, .	10.3	67
5	Development and evaluation of deep learningâ€"based segmentation of histologic structures in the kidney cortex with multiple histologic stains. Kidney International, 2021, 99, 86-101.	5.2	103
6	A multimodal and integrated approach to interrogate human kidney biopsies with rigor and reproducibility: guidelines from the Kidney Precision Medicine Project. Physiological Genomics, 2021, 53, 1-11.	2.3	59
7	Assessment of a computerized quantitative quality control tool for whole slide images of kidney biopsies. Journal of Pathology, 2021, 253, 268-278.	4.5	25
8	Rationale and design of the Kidney Precision Medicine Project. Kidney International, 2021, 99, 498-510.	5.2	94
9	Innovating and invigorating the clinical trial infrastructure for glomerular diseases. Kidney International, 2021, 99, 519-523.	5.2	4
10	Podocyte density is reduced in kidney allografts with highâ€risk APOL1 genotypes at transplantation. Clinical Transplantation, 2021, 35, e14234.	1.6	8
11	APOL1 genotype-associated morphologic changes among patients with focal segmental glomerulosclerosis. Pediatric Nephrology, 2021, 36, 2747-2757.	1.7	3
12	Improving data quality in observational research studies: Report of the Cure Glomerulonephropathy (CureGN) network. Contemporary Clinical Trials Communications, 2021, 22, 100749.	1.1	7
13	Ferroptotic stress promotes the accumulation of pro-inflammatory proximal tubular cells in maladaptive renal repair. ELife, 2021, 10, .	6.0	67
14	Compounds targeting OSBPL7 increase ABCA1-dependent cholesterol efflux preserving kidney function in two models of kidney disease. Nature Communications, 2021, 12, 4662.	12.8	24
15	Deep learning segmentation of glomeruli on kidney donor frozen sections. Journal of Medical Imaging, 2021, 8, 067501.	1.5	6
16	Consensus definitions for glomerular lesions by light and electron microscopy: recommendations from a working group of the Renal Pathology Society. Kidney International, 2020, 98, 1120-1134.	5.2	41
17	Modelling kidney disease using ontology: insights from the Kidney Precision Medicine Project. Nature Reviews Nephrology, 2020, 16, 686-696.	9.6	45
18	Digital pathology and computational image analysis in nephropathology. Nature Reviews Nephrology, 2020, 16, 669-685.	9.6	133

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19	The longitudinal relationship between patient-reported outcomes and clinical characteristics among patients with focal segmental glomerulosclerosis in the Nephrotic Syndrome Study Network. CKJ: Clinical Kidney Journal, 2020, 13, 597-606.	2.9	14
20	Ultrastructural Characterization of Proteinuric Patients Predicts Clinical Outcomes. Journal of the American Society of Nephrology: JASN, 2020, 31, 841-854.	6.1	29
21	Single cell transcriptomics of mouse kidney transplants reveals a myeloid cell pathway for transplant rejection. JCI Insight, 2020, 5, .	5.0	30
22	APOL1-G0 protects podocytes in a mouse model of HIV-associated nephropathy. PLoS ONE, 2019, 14, e0224408.	2.5	19
23	Pegunigalsidase alfa, a novel PEGylated enzyme replacement therapy for Fabry disease, provides sustained plasma concentrations and favorable pharmacodynamics: A 1â€year Phase 1/2 clinical trial. Journal of Inherited Metabolic Disease, 2019, 42, 534-544.	3.6	86
24	Open-Label Clinical Trials of Oral Pulse Dexamethasone for Adults with Idiopathic Nephrotic Syndrome. American Journal of Nephrology, 2019, 49, 377-385.	3.1	3
25	CureGN Study Rationale, Design, and Methods: Establishing a Large Prospective Observational Study of Glomerular Disease. American Journal of Kidney Diseases, 2019, 73, 218-229.	1.9	68
26	Reproducibility and Feasibility of Strategies for Morphologic Assessment of Renal Biopsies Using the Nephrotic Syndrome Study Network Digital Pathology Scoring System. Archives of Pathology and Laboratory Medicine, 2018, 142, 613-625.	2.5	21
27	Global glomerulosclerosis with nephrotic syndrome; the clinical importance of ageÂadjustment. Kidney International, 2018, 93, 1175-1182.	5.2	39
28	Interstitial fibrosis scored on whole-slide digital imaging of kidney biopsies is a predictor of outcome in proteinuric glomerulopathies. Nephrology Dialysis Transplantation, 2018, 33, 310-318.	0.7	85
29	Migalastat improves diarrhea in patients with Fabry disease: clinical-biomarker correlations from the phase 3 FACETS trial. Orphanet Journal of Rare Diseases, 2018, 13, 68.	2.7	23
30	Digital pathology imaging as a novel platform for standardization and globalization of quantitative nephropathology. CKJ: Clinical Kidney Journal, 2017, 10, 176-187.	2.9	45
31	Digital pathology in nephrology clinical trials, research, and pathology practice. Current Opinion in Nephrology and Hypertension, 2017, 26, 450-459.	2.0	24
32	APOL1 variants change C-terminal conformational dynamics and binding to SNARE protein VAMP8. JCI Insight, 2017, 2, .	5.0	48
33	A Rare Case of Hepatitis C-Associated Cryoglobulinemic Duodenal Vasculitis. ACG Case Reports Journal, 2016, 3, e134.	0.4	3
34	The Application of Digital Pathology to Improve Accuracy in Glomerular Enumeration in Renal Biopsies. PLoS ONE, 2016, 11, e0156441.	2.5	32
35	APOL1-G0 or APOL1-G2 Transgenic Models Develop Preeclampsia but Not Kidney Disease. Journal of the American Society of Nephrology: JASN, 2016, 27, 3600-3610.	6.1	91
36	Reproducibility of the NEPTUNE descriptor-based scoring system on whole-slide images and histologic and ultrastructural digital images. Modern Pathology, 2016, 29, 671-684.	5.5	56

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37	Integrative Genomics Identifies Novel Associations with APOL1 Risk Genotypes in Black NEPTUNE Subjects. Journal of the American Society of Nephrology: JASN, 2016, 27, 814-823.	6.1	110
38	Morphometry Predicts Early GFR Change in Primary Proteinuric Glomerulopathies: A Longitudinal Cohort Study Using Generalized Estimating Equations. PLoS ONE, 2016, 11, e0157148.	2.5	17
39	Morphology in the Digital Age: Integrating High-Resolution Description of Structural Alterations With Phenotypes and Genotypes. Seminars in Nephrology, 2015, 35, 266-278.	1.6	27
40	Tissue transcriptome-driven identification of epidermal growth factor as a chronic kidney disease biomarker. Science Translational Medicine, 2015, 7, 316ra193.	12.4	304
41	Diabetic nephropathy: Is it time yet for routine kidney biopsy?. World Journal of Diabetes, 2013, 4, 245.	3.5	146
42	Digital Pathology Evaluation in the Multicenter Nephrotic Syndrome Study Network (NEPTUNE). Clinical Journal of the American Society of Nephrology: CJASN, 2013, 8, 1449-1459.	4.5	80
43	Design of the Nephrotic Syndrome Study Network (NEPTUNE) to evaluate primary glomerular nephropathy by a multidisciplinary approach. Kidney International, 2013, 83, 749-756.	5.2	268
44	Novel Quantitative Method to Evaluate Globotriaosylceramide Inclusions in Renal Peritubular Capillaries by Virtual Microscopy in Patients With Fabry Disease. Archives of Pathology and Laboratory Medicine, 2012, 136, 816-824.	2.5	23
45	Podocyte Biology in Segmental Sclerosis and Progressive Glomerular Injury. Advances in Chronic Kidney Disease, 2012, 19, 76-83.	1.4	17
46	Coexistence of ANCA-associated glomerulonephritis and anti-phospholipase A2 receptor antibody-positive membranous nephropathy. CKJ: Clinical Kidney Journal, 2012, 5, 162-165.	2.9	10
47	Advances in the biology and genetics of the podocytopathies: implications for diagnosis and therapy. Archives of Pathology and Laboratory Medicine, 2009, 133, 201-16.	2.5	49
48	Advances in the Biology and Genetics of the Podocytopathies: Implications for Diagnosis and Therapy. Archives of Pathology and Laboratory Medicine, 2009, 133, 201-216.	2.5	87
49	A Proposed Taxonomy for the Podocytopathies: A Reassessment of the Primary Nephrotic Diseases. Clinical Journal of the American Society of Nephrology: CJASN, 2007, 2, 529-542.	4.5	222
50	Collapsing glomerulopathy: an inflammatory podocytopathy?. Current Opinion in Nephrology and Hypertension, 2007, 16, 192-195.	2.0	20
51	The kd/kd Mouse Is a Model of Collapsing Glomerulopathy. Journal of the American Society of Nephrology: JASN, 2005, 16, 2847-2851.	6.1	50