

Laura Barisoni

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7587547/publications.pdf>

Version: 2024-02-01

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	Tissue transcriptome-driven identification of epidermal growth factor as a chronic kidney disease biomarker. <i>Science Translational Medicine</i> , 2015, 7, 316ra193.	12.4	304
2	Design of the Nephrotic Syndrome Study Network (NEPTUNE) to evaluate primary glomerular nephropathy by a multidisciplinary approach. <i>Kidney International</i> , 2013, 83, 749-756.	5.2	268
3	A Proposed Taxonomy for the Podocytopathies: A Reassessment of the Primary Nephrotic Diseases. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2007, 2, 529-542.	4.5	222
4	Diabetic nephropathy: Is it time yet for routine kidney biopsy?. <i>World Journal of Diabetes</i> , 2013, 4, 245.	3.5	146
5	Digital pathology and computational image analysis in nephropathology. <i>Nature Reviews Nephrology</i> , 2020, 16, 669-685.	9.6	133
6	Integrative Genomics Identifies Novel Associations with APOL1 Risk Genotypes in Black NEPTUNE Subjects. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 814-823.	6.1	110
7	Development and evaluation of deep learning-based segmentation of histologic structures in the kidney cortex with multiple histologic stains. <i>Kidney International</i> , 2021, 99, 86-101.	5.2	103
8	Rationale and design of the Kidney Precision Medicine Project. <i>Kidney International</i> , 2021, 99, 498-510.	5.2	94
9	APOL1-G0 or APOL1-G2 Transgenic Models Develop Preeclampsia but Not Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3600-3610.	6.1	91
10	Advances in the Biology and Genetics of the Podocytopathies: Implications for Diagnosis and Therapy. <i>Archives of Pathology and Laboratory Medicine</i> , 2009, 133, 201-216.	2.5	87
11	Pegunigalsidase alfa, a novel PEGylated enzyme replacement therapy for Fabry disease, provides sustained plasma concentrations and favorable pharmacodynamics: A 1-year Phase 1/2 clinical trial. <i>Journal of Inherited Metabolic Disease</i> , 2019, 42, 534-544.	3.6	86
12	Interstitial fibrosis scored on whole-slide digital imaging of kidney biopsies is a predictor of outcome in proteinuric glomerulopathies. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 310-318.	0.7	85
13	Digital Pathology Evaluation in the Multicenter Nephrotic Syndrome Study Network (NEPTUNE). <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013, 8, 1449-1459.	4.5	80
14	CureGN Study Rationale, Design, and Methods: Establishing a Large Prospective Observational Study of Glomerular Disease. <i>American Journal of Kidney Diseases</i> , 2019, 73, 218-229.	1.9	68
15	Ferroptotic stress promotes the accumulation of pro-inflammatory proximal tubular cells in maladaptive renal repair. <i>ELife</i> , 2021, 10, .	6.0	67
16	A reference tissue atlas for the human kidney. <i>Science Advances</i> , 2022, 8, .	10.3	67
17	A multimodal and integrated approach to interrogate human kidney biopsies with rigor and reproducibility: guidelines from the Kidney Precision Medicine Project. <i>Physiological Genomics</i> , 2021, 53, 1-11.	2.3	59
18	Reproducibility of the NEPTUNE descriptor-based scoring system on whole-slide images and histologic and ultrastructural digital images. <i>Modern Pathology</i> , 2016, 29, 671-684.	5.5	56

#	ARTICLE	IF	CITATIONS
19	The kd/kd Mouse Is a Model of Collapsing Glomerulopathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 2847-2851.	6.1	50
20	Advances in the biology and genetics of the podocytopathies: implications for diagnosis and therapy. <i>Archives of Pathology and Laboratory Medicine</i> , 2009, 133, 201-16.	2.5	49
21	APOL1 variants change C-terminal conformational dynamics and binding to SNARE protein VAMP8. <i>JCI Insight</i> , 2017, 2, .	5.0	48
22	Digital pathology imaging as a novel platform for standardization and globalization of quantitative nephropathology. <i>CKJ: Clinical Kidney Journal</i> , 2017, 10, 176-187.	2.9	45
23	Modelling kidney disease using ontology: insights from the Kidney Precision Medicine Project. <i>Nature Reviews Nephrology</i> , 2020, 16, 686-696.	9.6	45
24	Consensus definitions for glomerular lesions by light and electron microscopy: recommendations from a working group of the Renal Pathology Society. <i>Kidney International</i> , 2020, 98, 1120-1134.	5.2	41
25	Global glomerulosclerosis with nephrotic syndrome; the clinical importance of age adjustment. <i>Kidney International</i> , 2018, 93, 1175-1182.	5.2	39
26	The Application of Digital Pathology to Improve Accuracy in Glomerular Enumeration in Renal Biopsies. <i>PLoS ONE</i> , 2016, 11, e0156441.	2.5	32
27	Single cell transcriptomics of mouse kidney transplants reveals a myeloid cell pathway for transplant rejection. <i>JCI Insight</i> , 2020, 5, .	5.0	30
28	Ultrastructural Characterization of Proteinuric Patients Predicts Clinical Outcomes. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 841-854.	6.1	29
29	Morphology in the Digital Age: Integrating High-Resolution Description of Structural Alterations With Phenotypes and Genotypes. <i>Seminars in Nephrology</i> , 2015, 35, 266-278.	1.6	27
30	Assessment of a computerized quantitative quality control tool for whole slide images of kidney biopsies. <i>Journal of Pathology</i> , 2021, 253, 268-278.	4.5	25
31	Digital pathology in nephrology clinical trials, research, and pathology practice. <i>Current Opinion in Nephrology and Hypertension</i> , 2017, 26, 450-459.	2.0	24
32	Compounds targeting OSBPL7 increase ABCA1-dependent cholesterol efflux preserving kidney function in two models of kidney disease. <i>Nature Communications</i> , 2021, 12, 4662.	12.8	24
33	Novel Quantitative Method to Evaluate Globotriaosylceramide Inclusions in Renal Peritubular Capillaries by Virtual Microscopy in Patients With Fabry Disease. <i>Archives of Pathology and Laboratory Medicine</i> , 2012, 136, 816-824.	2.5	23
34	Migalastat improves diarrhea in patients with Fabry disease: clinical-biomarker correlations from the phase 3 FACETS trial. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 68.	2.7	23
35	Reproducibility and Feasibility of Strategies for Morphologic Assessment of Renal Biopsies Using the Nephrotic Syndrome Study Network Digital Pathology Scoring System. <i>Archives of Pathology and Laboratory Medicine</i> , 2018, 142, 613-625.	2.5	21
36	Collapsing glomerulopathy: an inflammatory podocytopathy?. <i>Current Opinion in Nephrology and Hypertension</i> , 2007, 16, 192-195.	2.0	20

#	ARTICLE	IF	CITATIONS
37	APOL1-G0 protects podocytes in a mouse model of HIV-associated nephropathy. <i>PLoS ONE</i> , 2019, 14, e0224408.	2.5	19
38	Podocyte Biology in Segmental Sclerosis and Progressive Glomerular Injury. <i>Advances in Chronic Kidney Disease</i> , 2012, 19, 76-83.	1.4	17
39	Morphometry Predicts Early GFR Change in Primary Proteinuric Glomerulopathies: A Longitudinal Cohort Study Using Generalized Estimating Equations. <i>PLoS ONE</i> , 2016, 11, e0157148.	2.5	17
40	Kidney Biopsy Features Most Predictive of Clinical Outcomes in the Spectrum of Minimal Change Disease and Focal Segmental Glomerulosclerosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 1411-1426.	6.1	16
41	The longitudinal relationship between patient-reported outcomes and clinical characteristics among patients with focal segmental glomerulosclerosis in the Nephrotic Syndrome Study Network. <i>CKJ: Clinical Kidney Journal</i> , 2020, 13, 597-606.	2.9	14
42	Quantification of Glomerular Structural Lesions: Associations With Clinical Outcomes and Transcriptomic Profiles in Nephrotic Syndrome. <i>American Journal of Kidney Diseases</i> , 2022, 79, 807-819.e1.	1.9	13
43	Coexistence of ANCA-associated glomerulonephritis and anti-phospholipase A2 receptor antibody-positive membranous nephropathy. <i>CKJ: Clinical Kidney Journal</i> , 2012, 5, 162-165.	2.9	10
44	Podocyte density is reduced in kidney allografts with high-risk APOL1 genotypes at transplantation. <i>Clinical Transplantation</i> , 2021, 35, e14234.	1.6	8
45	Improving data quality in observational research studies: Report of the Cure Glomerulonephropathy (CureGN) network. <i>Contemporary Clinical Trials Communications</i> , 2021, 22, 100749.	1.1	7
46	Deep learning segmentation of glomeruli on kidney donor frozen sections. <i>Journal of Medical Imaging</i> , 2021, 8, 067501.	1.5	6
47	Innovating and invigorating the clinical trial infrastructure for glomerular diseases. <i>Kidney International</i> , 2021, 99, 519-523.	5.2	4
48	A Rare Case of Hepatitis C-Associated Cryoglobulinemic Duodenal Vasculitis. <i>ACG Case Reports Journal</i> , 2016, 3, e134.	0.4	3
49	Open-Label Clinical Trials of Oral Pulse Dexamethasone for Adults with Idiopathic Nephrotic Syndrome. <i>American Journal of Nephrology</i> , 2019, 49, 377-385.	3.1	3
50	APOL1 genotype-associated morphologic changes among patients with focal segmental glomerulosclerosis. <i>Pediatric Nephrology</i> , 2021, 36, 2747-2757.	1.7	3
51	Impact of Consensus Definitions on Identification of Glomerular Lesions by Light and Electron Microscopy. <i>Kidney International Reports</i> , 2022, 7, 78-86.	0.8	3