Krzysztof Kiryluk

List of Publications by Year
in descending order

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117	13,352	47006	26613
papers	citations	47	107
		h-index	g-index

135	135	135	20542
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	27.8	3,823
2	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	27.8	1,328
3	The Pathophysiology of IgA Nephropathy. Journal of the American Society of Nephrology: JASN, 2011, 22, 1795-1803.	6.1	584
4	Genome-wide association study identifies susceptibility loci for IgA nephropathy. Nature Genetics, 2011, 43, 321-327.	21.4	528
5	Discovery of new risk loci for IgA nephropathy implicates genes involved in immunity against intestinal pathogens. Nature Genetics, 2014, 46, 1187-1196.	21.4	505
6	Diagnostic Utility of Exome Sequencing for Kidney Disease. New England Journal of Medicine, 2019, 380, 142-151.	27.0	456
7	Geographic Differences in Genetic Susceptibility to IgA Nephropathy: GWAS Replication Study and Geospatial Risk Analysis. PLoS Genetics, 2012, 8, e1002765.	3.5	301
8	Current Understanding of the Role of Complement in IgA Nephropathy. Journal of the American Society of Nephrology: JASN, 2015, 26, 1503-1512.	6.1	236
9	New developments in the genetics, pathogenesis, and therapy of IgA nephropathy. Kidney International, 2015, 88, 974-989.	5.2	211
10	Aberrant glycosylation of IgA1 is inherited in both pediatric IgA nephropathy and Henochâ€“SchÃ¶nlein purpura nephritis. Kidney International, 2011, 80, 79-87.	5.2	205
11	Copy-Number Disorders Are a Common Cause of Congenital Kidney Malformations. American Journal of Human Genetics, 2012, 91, 987-997.	6.2	201
12	The level of galactose-deficient IgA1 in the sera of patients with IgA nephropathy is associated with disease progression. Kidney International, 2012, 82, 790-796.	5.2	185
13	The genetics and immunobiology of IgA nephropathy. Journal of Clinical Investigation, 2014, 124, 2325-2332.	8.2	182
14	Whole-Exome Sequencing in Adults With Chronic Kidney Disease. Annals of Internal Medicine, 2018, 168, 100.	3.9	154
15	An eQTL Landscape of Kidney Tissue in Human Nephrotic Syndrome. American Journal of Human Genetics, 2018, 103, 232-244.	6.2	147
16	The copy number variation landscape of congenital anomalies of the kidney and urinary tract. Nature Genetics, 2019, 51, 117-127.	21.4	144
17	Genetic Drivers of Kidney Defects in the DiGeorge Syndrome. New England Journal of Medicine, 2017, 376, 742-754.	27.0	120
18	The genetic architecture of membranous nephropathy and its potential to improve non-invasive diagnosis. Nature Communications, 2020, 11, 1600.	12.8	120

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19	Mutations in DSTYK and Dominant Urinary Tract Malformations. New England Journal of Medicine, 2013, 369, 621-629.	27.0	119
20	Trans-ethnic kidney function association study reveals putative causal genes and effects on kidney-specific disease aetiologies. Nature Communications, 2019, 10, 29.	12.8	113
21	APOL1 Variants Increase Risk for FSGS and HIVAN but Not IgA Nephropathy. Journal of the American Society of Nephrology: JASN, 2011, 22, 1991-1996.	6.1	110
22	Predicting Progression of IgA Nephropathy: New Clinical Progression Risk Score. PLoS ONE, 2012, 7, e38904.	2.5	109
23	Hematopoietic mosaic chromosomal alterations increase the risk for diverse types of infection. Nature Medicine, 2021, 27, 1012-1024.	30.7	109
24	Pathogenesis of Immunoglobulin A Nephropathy: Recent Insight from Genetic Studies. Annual Review of Medicine, 2013, 64, 339-356.	12.2	108
25	Systematic Review and Meta-Analysis of Native Kidney Biopsy Complications. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 1595-1602.	4.5	103
26	Deep Phenotyping on Electronic Health Records Facilitates Genetic Diagnosis by Clinical Exomes. American Journal of Human Genetics, 2018, 103, 58-73.	6.2	99
27	Harmonizing Clinical Sequencing and Interpretation for the eMERGE III Network. American Journal of Human Genetics, 2019, 105, 588-605.	6.2	99
28	Rationale and design of the Kidney Precision Medicine Project. Kidney International, 2021, 99, 498-510.	5.2	94
29	A Panel of Serum Biomarkers Differentiates IgA Nephropathy from Other Renal Diseases. PLoS ONE, 2014, 9, e98081.	2.5	93
30	GWAS for serum galactose-deficient IgA1 implicates critical genes of the O-glycosylation pathway. PLoS Genetics, 2017, 13, e1006609.	3.5	92
31	Molecular nephrology: types of acute tubular injury. Nature Reviews Nephrology, 2019, 15, 599-612.	9.6	91
32	Disease Heritability Inferred from Familial Relationships Reported in Medical Records. Cell, 2018, 173, 1692-1704.e11.	28.9	79
33	Genetic studies of IgA nephropathy: past, present, and future. Pediatric Nephrology, 2010, 25, 2257-2268.	1.7	77
34	FUN-LDA: A Latent Dirichlet Allocation Model for Predicting Tissue-Specific Functional Effects of Noncoding Variation: Methods and Applications. American Journal of Human Genetics, 2018, 102, 920-942.	6.2	75
35	Multi-ancestry fine mapping implicates OAS1 splicing in risk of severe COVID-19. Nature Genetics, 2022, 54, 125-127.	21.4	75
36	Pan-ancestry exome-wide association analyses of COVID-19 outcomes in 586,157 individuals. American Journal of Human Genetics, 2021, 108, 1350-1355.	6.2	72

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37	Age-dependent impact of the major common genetic risk factor for COVID-19 on severity and mortality. Journal of Clinical Investigation, 2021, 131, .	8.2	72
38	Genomic imbalances in pediatric patients with chronic kidney disease. Journal of Clinical Investigation, 2015, 125, 2171-2178.	8.2	68
39	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
40	Susceptibility loci for murine HIV-associated nephropathy encode trans-regulators of podocyte gene expression. Journal of Clinical Investigation, 2009, 119, 1178-1188.	8.2	66
41	Fine Mapping Implicates a Deletion of CFHR1 and CFHR3 in Protection from IgA Nephropathy in Han Chinese. Journal of the American Society of Nephrology: JASN, 2016, 27, 3187-3194.	6.1	63
42	Exome-wide Association Study Identifies GREB1L Mutations in Congenital Kidney Malformations. American Journal of Human Genetics, 2017, 101, 789-802.	6.2	63
43	Genomic Mismatch at LIMS1 Locus and Kidney Allograft Rejection. New England Journal of Medicine, 2019, 380, 1918-1928.	27.0	63
44	The eMERGE genotype set of 83,717 subjects imputed to ~40â€‰million variants genome wide and association with the herpes zoster medical record phenotype. Genetic Epidemiology, 2019, 43, 63-81.	1.3	63
45	Rare loss-of-function variants in type I IFN immunity genes are not associated with severe COVID-19. Journal of Clinical Investigation, 2021, 131, .	8.2	56
46	Coiled Versus Straight Peritoneal Dialysis Catheters: A Randomized Controlled Trial and Meta-analysis. American Journal of Kidney Diseases, 2011, 58, 946-955.	1.9	53
47	COL4A3 mutations cause focal segmental glomerulosclerosis. Journal of Molecular Cell Biology, 2014, 6, 498-505.	3.3	51
48	Inhibition of STAT3 Signaling Reduces IgA1 Autoantigen Production in IgA Nephropathy. Kidney International Reports, 2017, 2, 1194-1207.	0.8	49
49	Sickle cell trait and gross hematuria. Kidney International, 2007, 71, 706-710.	5.2	48
50	Genome-wide polygenic score to predict chronic kidney disease across ancestries. Nature Medicine, 2022, 28, 1412-1420.	30.7	48
51	The Association Between Kidney Disease and Cardiovascular Risk in a Multiethnic Cohort. Stroke, 2008, 39, 2876-2879.	2.0	47
52	Genetics in chronic kidney disease: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. Kidney International, 2022, 101, 1126-1141.	5.2	46
53	Donorâ€™s APOL1 Risk Genotype and â€œSecond Hitsâ€•Associated With De Novo Collapsing Glomerulopathy in Deceased Donor Kidney Transplant Recipients: A Report of 5 Cases. American Journal of Kidney Diseases, 2019, 73, 134-139.	1.9	45
54	Probing the Virtual Proteome to Identify Novel Disease Biomarkers. Circulation, 2018, 138, 2469-2481.	1.6	42

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55	Exome-Based Rare-Variant Analyses in CKD. Journal of the American Society of Nephrology: JASN, 2019, 30, 1109-1122.	6.1	40
56	Clinical Characteristics and Treatment Patterns of Children and Adults With IgA Nephropathy or IgA Vasculitis: Findings From the CureGN Study. Kidney International Reports, 2018, 3, 1373-1384.	0.8	39
57	Medical records-based chronic kidney disease phenotype for clinical care and â€œbig dataâ€•observational and genetic studies. Npj Digital Medicine, 2021, 4, 70.	10.9	39
58	Kidney Failure Risk Prediction Equations in IgA Nephropathy: A Multicenter Risk Assessment Study in Chinese Patients. American Journal of Kidney Diseases, 2018, 72, 371-380.	1.9	38
59	Health-related quality of life in glomerular disease. Kidney International, 2019, 95, 1209-1224.	5.2	38
60	Donor APOL1 high-risk genotypes are associated with increased risk and inferior prognosis ofÂdeÂnovo collapsing glomerulopathy in renalÂallografts. Kidney International, 2018, 94, 1189-1198.	5.2	36
61	IgA vasculitis with nephritis: update of pathogenesis with clinical implications. Pediatric Nephrology, 2022, 37, 719-733.	1.7	35
62	Development and Validation of a Pragmatic Electronic Phenotype for CKD. Clinical Journal of the American Society of Nephrology: CJASN, 2019, 14, 1306-1314.	4.5	34
63	Genome-wide polygenic risk predictors for kidney disease. Nature Reviews Nephrology, 2018, 14, 723-724.	9.6	31
64	Generalizability of Polygenic Risk Scores for Breast Cancer Among Women With European, African, and Latinx Ancestry. JAMA Network Open, 2021, 4, e2119084.	5.9	31
65	Novel Biomarkers in Glomerular Disease. Advances in Chronic Kidney Disease, 2014, 21, 205-216.	1.4	29
66	Glomerular Diseases. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 617-625.	4.5	28
67	Precision Medicine for Acute Kidney Injury (AKI): Redefining AKI by Agnostic Kidney Tissue Interrogation and Genetics. Seminars in Nephrology, 2018, 38, 40-51.	1.6	28
68	Pilot Study of Return of Genetic Results to Patients in Adult Nephrology. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 651-664.	4.5	28
69	GWAS-Based Discoveries in IgA Nephropathy, Membranous Nephropathy, and Steroid-Sensitive Nephrotic Syndrome. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 458-466.	4.5	27
70	Experimental evidence of pathogenic role of IgG autoantibodies in IgA nephropathy. Journal of Autoimmunity, 2021, 118, 102593.	6.5	27
71	Type IV Collagen Mutations in Familial IgA Nephropathy. Kidney International Reports, 2020, 5, 1075-1078.	0.8	26
72	Leukemia Inhibitory Factor Signaling Enhances Production of Galactose-Deficient IgA1 in IgA Nephropathy. Kidney Diseases (Basel, Switzerland), 2020, 6, 168-180.	2.5	26

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73	Lack of Serologic Evidence to Link IgA Nephropathy with Celiac Disease or Immune Reactivity to Gluten. PLoS ONE, 2014, 9, e94677.	2.5	25
74	Elevated Neutrophil Gelatinase-Associated Lipocalin Is Associated With the Severity of Kidney Injury and Poor Prognosis of Patients With COVID-19. Kidney International Reports, 2021, 6, 2979-2992.	0.8	25
75	Novel mutations in the inverted formin 2 gene of Chinese families contribute to focal segmental glomerulosclerosis. Kidney International, 2015, 88, 593-604.	5.2	23
76	Genetic Determinants of IgA Nephropathy: Western Perspective. Seminars in Nephrology, 2018, 38, 443-454.	1.6	23
77	Genetic Susceptibility, HIV Infection, and the Kidney. Clinical Journal of the American Society of Nephrology: CJASN, 2007, 2, S25-S35.	4.5	22
78	Acute chorea and bilateral basal ganglia lesions in a hemodialysis patient. Kidney International, 2008, 73, 1087-1091.	5.2	21
79	Association of HLA Typing and Alloimmunity With Posttransplantation Membranous Nephropathy: A Multicenter Case Series. American Journal of Kidney Diseases, 2020, 76, 374-383.	1.9	21
80	Association of rare predicted loss-of-function variants of influenza-related type I IFN genes with critical COVID-19 pneumonia. Reply.. Journal of Clinical Investigation, 2021, 131, .	8.2	20
81	Genetic Complexities of the HLA Region and Idiopathic Membranous Nephropathy. Journal of the American Society of Nephrology: JASN, 2017, 28, 1331-1334.	6.1	18
82	Harmonizing Outcomes for Genomic Medicine: Comparison of eMERGE Outcomes to ClinGen Outcome/Intervention Pairs. Healthcare (Switzerland), 2018, 6, 83.	2.0	18
83	A young man with Propionibacterium acnes-induced shunt nephritis. Kidney International, 2008, 73, 1434-1440.	5.2	17
84	Copy Number Variant Analysis and Genome-wide Association Study Identify Loci with Large Effect for Vesicoureteral Reflux. Journal of the American Society of Nephrology: JASN, 2021, 32, 805-820.	6.1	17
85	Thiazolidinediones and fluid retention. Kidney International, 2007, 72, 762-768.	5.2	15
86	The molecular pathogenesis of HIV-1 associated nephropathy: recent advances. Journal of Molecular Medicine, 2011, 89, 429-436.	3.9	15
87	The emerging role of genomics in the diagnosis and workup of congenital urinary tract defects: a novel deletion syndrome on chromosome 3q13.31-22.1. Pediatric Nephrology, 2014, 29, 257-267.	1.7	15
88	Genetic background and transplantation outcomes: insights from genome-wide association studies. Current Opinion in Organ Transplantation, 2020, 25, 35-41.	1.6	15
89	Improving Clinical Trials for Anticomplement Therapies in Complement-Mediated Glomerulopathies: Report of a Scientific Workshop Sponsored by the National Kidney Foundation. American Journal of Kidney Diseases, 2022, 79, 570-581.	1.9	15
90	Cases in Precision Medicine: APOL1 and Genetic Testing in the Evaluation of Chronic Kidney Disease and Potential Transplant. Annals of Internal Medicine, 2019, 171, 659.	3.9	13

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91	Genome-Wide Study Updates in the International Genetics and Translational Research in Transplantation Network (iGeneTRAiN). Frontiers in Genetics, 2019, 10, 1084.	2.3	13
92	Precision Medicine in Internal Medicine. Annals of Internal Medicine, 2019, 170, 635.	3.9	12
93	Peritoneal Dialysis Outflow Failure From Omental Wrapping Diagnosed by Catheterography. American Journal of Kidney Diseases, 2010, 56, 1006-1011.	1.9	11
94	IgA nephropathy--the case for a genetic basis becomes stronger. Nephrology Dialysis Transplantation, 2010, 25, 336-338.	0.7	11
95	Evaluation of the cost and effectiveness of diverse recruitment methods for a genetic screening study. Genetics in Medicine, 2019, 21, 2371-2380.	2.4	10
96	Medical Records-Based Genetic Studies of the Complement System. Journal of the American Society of Nephrology: JASN, 2021, 32, 2031-2047.	6.1	10
97	A large obstructive parapelvic cyst: Challenging diagnosis and management. Kidney International, 2007, 71, 955.	5.2	8
98	LIMS1 risk genotype and T cellâ€“mediated rejection in kidney transplant recipients. Nephrology Dialysis Transplantation, 2021, 36, 2120-2129.	0.7	8
99	Quantitative genetics of renal function: tackling complexities of the eGFR phenotype in gene mapping studies. Kidney International, 2008, 74, 1109-1112.	5.2	7
100	Cases in Precision Medicine: When Patients Present With Direct-to-Consumer Genetic Test Results. Annals of Internal Medicine, 2019, 170, 643.	3.9	7
101	Identification of a shared genetic risk locus for Kawasaki disease and immunoglobulin A vasculitis by a cross-phenotype meta-analysis. Rheumatology, 2022, 61, 1204-1210.	1.9	7
102	Quantitative disease risk scores from EHR with applications to clinical risk stratification and genetic studies. Npj Digital Medicine, 2021, 4, 116.	10.9	7
103	Early detection of SARSâ€CoVâ€2 and other infections in solid organ transplant recipients and household members using wearable devices. Transplant International, 2021, 34, 1019-1031.	1.6	6
104	Membranous Nephropathy: From Research Bench to Personalized Care. Journal of Clinical Medicine, 2021, 10, 1205.	2.4	5
105	Novel EDGE encoding method enhances ability to identify genetic interactions. PLoS Genetics, 2021, 17, e1009534.	3.5	5
106	Renal function and genetic variation in dopamine D1 receptor: is the case strong enough?. Kidney International, 2009, 76, 1019-1022.	5.2	3
107	Challenges in Rare Variant Association Studies for Complex Kidney Traits: CFHR5 and IgA Nephropathy. Journal of the American Society of Nephrology: JASN, 2016, 27, 2547-2551.	6.1	3
108	Insights into CKD from Metabolite GWAS. Journal of the American Society of Nephrology: JASN, 2018, 29, 1349-1351.	6.1	3

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109	Co-localization between Sequence Constraint and Epigenomic Information Improves Interpretation of Whole-Genome Sequencing Data. American Journal of Human Genetics, 2020, 106, 513-524.	6.2	3
110	Similarity-based health risk prediction using Domain Fusion and electronic health records data. Journal of Biomedical Informatics, 2021, 116, 103711.	4.3	3
111	Mapping GWAS loci to kidney genes and cell types. Kidney International, 2022, 101, 447-450.	5.2	3
112	Snapshots of nascent RNA reveal cell- and stimulus-specific responses to acute kidney injury. JCI Insight, 2022, 7, .	5.0	3
113	Genomeâ€wide association study in mice identifies loci affecting liverâ€related phenotypes including Sel1l influencing serum bile acids. Hepatology, 2016, 63, 1943-1956.	7.3	2
114	New genetic insights into kidney physiology and disease. Nature Reviews Nephrology, 2021, 17, 85-86.	9.6	2
115	Glomerular Diseases of the Kidney Allograft: Toward a Precision Medicine Approach. Seminars in Nephrology, 2022, 42, 29-43.	1.6	2
116	P0355FAMILY HISTORY OF COMPLEX TRAITS IN THE CUREGN COHORT: ASSOCIATIONS WITH RENAL FUNCTION, COMORBIDITY BURDEN AND DISEASE PROGRESSION. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0
117	Coding Variants in Susceptibility to Diabetic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2021, 32, 2397-2399.	6.1	0