

Hanna Rennert

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,791
citations

394421

19
h-index

289244

40
g-index

49
all docs

49
docs citations

49
times ranked

4132
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-Exome Sequencing of Metastatic Cancer and Biomarkers of Treatment Response. <i>JAMA Oncology</i> , 2015, 1, 466.	7.1	264
2	Shotgun transcriptome, spatial omics, and isothermal profiling of SARS-CoV-2 infection reveals unique host responses, viral diversification, and drug interactions. <i>Nature Communications</i> , 2021, 12, 1660.	12.8	132
3	A Novel Founder Mutation in the RNASEL Gene, 471delAAAG, Is Associated with Prostate Cancer in Ashkenazi Jews. <i>American Journal of Human Genetics</i> , 2002, 71, 981-984.	6.2	113
4	Early introductions and transmission of SARS-CoV-2 variant B.1.1.7 in the United States. <i>Cell</i> , 2021, 184, 2595-2604.e13.	28.9	113
5	The cancer precision medicine knowledge base for structured clinical-grade mutations and interpretations. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 513-519.	4.4	88
6	Urine MicroRNA as Potential Biomarkers of Autosomal Dominant Polycystic Kidney Disease Progression: Description of miRNA Profiles at Baseline. <i>PLoS ONE</i> , 2014, 9, e86856.	2.5	86
7	Clinical Performance of SARS-CoV-2 Molecular Tests. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	82
8	Association of Susceptibility Alleles in <i>ELAC2/HPC2</i> , <i>RNASEL/HPC1</i> , and <i>MSR1</i> with Prostate Cancer Severity in European American and African American Men. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005, 14, 949-957.	2.5	81
9	Development and validation of a whole-exome sequencing test for simultaneous detection of point mutations, indels and copy-number alterations for precision cancer care. <i>Npj Genomic Medicine</i> , 2016, 1, .	3.8	68
10	Novel method for genomic analysis of <i>PKD1</i> and <i>PKD2</i> mutations in autosomal dominant polycystic kidney disease. <i>Human Mutation</i> , 2009, 30, 264-273.	2.5	61
11	Molecular Diagnosis of Autosomal Dominant Polycystic Kidney Disease Using Next-Generation Sequencing. <i>Journal of Molecular Diagnostics</i> , 2014, 16, 216-228.	2.8	59
12	Autosomal dominant polycystic kidney disease: Genetics, mutations and microRNAs. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1202-1212.	3.8	55
13	Comparison of Two High-Throughput Reverse Transcription-PCR Systems for the Detection of Severe Acute Respiratory Syndrome Coronavirus 2. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	55
14	Somatic Mutations in Renal Cyst Epithelium in Autosomal Dominant Polycystic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 2139-2156.	6.1	46
15	A Novel Long-Range PCR Sequencing Method for Genetic Analysis of the Entire PKD1 Gene. <i>Journal of Molecular Diagnostics</i> , 2012, 14, 305-313.	2.8	39
16	Accuracy of next-generation sequencing for the identification of clinically relevant variants in cytology smears in lung adenocarcinoma. <i>Cancer Cytopathology</i> , 2017, 125, 398-406.	2.4	35
17	Genetic susceptibility to prostate cancer in men of African descent: implications for global disparities in incidence and outcomes. <i>Canadian Journal of Urology</i> , 2008, 15, 3872-82.	0.0	34
18	Integrative Molecular Analysis of Patients With Advanced and Metastatic Cancer. <i>JCO Precision Oncology</i> , 2019, 3, 1-12.	3.0	24

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19	System-wide transcriptome damage and tissue identity loss in COVID-19 patients. <i>Cell Reports Medicine</i> , 2022, 3, 100522.	6.5	24
20	Deployed Deep Learning Kidney Segmentation for Polycystic Kidney Disease MRI. <i>Radiology: Artificial Intelligence</i> , 2022, 4, e210205.	5.8	23
21	Prophylactic rituximab prevents EBV PTLD in haplo-cord transplant recipients at high risk. <i>Leukemia and Lymphoma</i> , 2019, 60, 1693-1696.	1.3	22
22	Immunohistochemistry Improves the Detection of Adenovirus in Gastrointestinal Biopsy Specimens From Hematopoietic Stem Cell Transplant Recipients. <i>American Journal of Clinical Pathology</i> , 2016, 146, 627-631.	0.7	21
23	Safety, tolerability, and clinical outcomes of hydroxychloroquine for hospitalized patients with coronavirus 2019 disease. <i>PLoS ONE</i> , 2020, 15, e0236778.	2.5	21
24	How we handled the dextran shortage: an alternative washing or dilution solution for cord blood infusions. <i>Transfusion</i> , 2015, 55, 1147-1153.	1.6	18
25	Evaluation of a BK virus viral load assay using the QIAGEN Artus BK Virus RG PCR test. <i>Journal of Clinical Virology</i> , 2012, 54, 260-264.	3.1	17
26	Kidney Function and Volume Progression in Unilateral Autosomal Dominant Polycystic Kidney Disease With Contralateral Renal Agenesis or Hypoplasia: A Case Series. <i>American Journal of Kidney Diseases</i> , 2009, 54, 450-458.	1.9	13
27	Detection of PKD1 and PKD2 Somatic Variants in Autosomal Dominant Polycystic Kidney Cyst Epithelial Cells by Whole-Genome Sequencing. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 3114-3129.	6.1	13
28	Hemorrhagic Cysts and Other Biomarkers for Predicting Renal Dysfunction Progression in Autosomal Dominant Polycystic Kidney Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 564-576.	3.4	11
29	Analysis of the RNASEL/HPC1, and Macrophage Scavenger Receptor 1 in Asian-Indian Advanced Prostate Cancer. <i>Urology</i> , 2008, 72, 456-460.	1.0	10
30	Papillary renal cell carcinoma with a somatic mutation in MET in a patient with autosomal dominant polycystic kidney disease. <i>Cancer Genetics</i> , 2016, 209, 11-20.	0.4	10
31	Performance Characteristics of a Targeted Sequencing Platform for Simultaneous Detection of Single Nucleotide Variants, Insertions/Deletions, Copy Number Alterations, and Gene Fusions in Cancer Genome. <i>Archives of Pathology and Laboratory Medicine</i> , 2020, 144, 1535-1546.	2.5	10
32	Pericardial Effusion on MRI in Autosomal Dominant Polycystic Kidney Disease. <i>Journal of Clinical Medicine</i> , 2022, 11, 1127.	2.4	10
33	Avoiding pitfalls in bone marrow engraftment analysis: a case study highlighting the weakness of using buccal cells for determining a patient's constitutional genotype after hematopoietic stem cell transplantation. <i>Cytotherapy</i> , 2013, 15, 391-395.	0.7	9
34	Relationship of Seminal Megavesicles, Prostate Median Cysts, and Genotype in Autosomal Dominant Polycystic Kidney Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 894-903.	3.4	9
35	Development and validation of a whole genome amplification long-range PCR sequencing method for ADPKD genotyping of low-level DNA samples. <i>Gene</i> , 2014, 550, 131-135.	2.2	6
36	Rapid Implementation of Severe Acute Respiratory Syndrome Coronavirus 2 Emergency Use Authorization RT-PCR Testing and Experience at an Academic Medical Institution. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 149-158.	2.8	6

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37	Prevalence of Inferior Vena Cava Compression in ADPKD. <i>Kidney International Reports</i> , 2021, 6, 168-178.	0.8	6
38	An Alternative SplicedRNASeqVariant in Peripheral Blood Leukocytes. <i>Journal of Interferon and Cytokine Research</i> , 2006, 26, 820-826.	1.2	5
39	Evaluation of a human adenovirus viral load assay using the Altona RealStar [®] PCR test. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018, 90, 257-263.	1.8	5
40	Development of a BK Virus Real-Time Quantitative Assay Using the bioM [®] erieux Analyte-Specific Reagents in Plasma Specimens. <i>American Journal of Clinical Pathology</i> , 2015, 144, 909-915.	0.7	4
41	A Curriculum for Genomic Education of Molecular Genetic Pathology Fellows. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 1218-1240.	2.8	4
42	Adenovirus viremia after <i>in vivo</i> T-cell depleted allo-transplant in adults: low lymphocyte counts are associated with uncontrolled viremia and fatal outcomes. <i>Leukemia and Lymphoma</i> , 2022, 63, 435-442.	1.3	2
43	Polycystic Kidney Disease. , 2016, , 277-290.		1
44	Polycystic Kidney Disease. , 2011, , 35-41.		0
45	Title is missing!. , 2020, 15, e0236778.		0
46	Title is missing!. , 2020, 15, e0236778.		0
47	Title is missing!. , 2020, 15, e0236778.		0
48	Title is missing!. , 2020, 15, e0236778.		0