

Michael J Rauh

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,559
citations

331670

21
h-index

254184

43
g-index

57
all docs

57
docs citations

57
times ranked

3442
citing authors

#	ARTICLE	IF	CITATIONS
1	The Myeloid-Kidney Interface in Health and Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2022, 17, 323-331.	4.5	5
2	Association of Clonal Hematopoiesis of Indeterminate Potential with Worse Kidney Function and Anemia in Two Cohorts of Patients with Advanced Chronic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 985-995.	6.1	45
3	Cell originâ€œdependent cooperativity of mutant <i>Dnmt3a</i> and <i>Npm1</i> in clonal hematopoiesis and myeloid malignancy. <i>Blood Advances</i> , 2022, 6, 3666-3677.	5.2	8
4	Impact of Clonal Hematopoiesis in Ischemic and Nonischemic Heart Failure. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1760-1762.	2.8	1
5	A DNA methylation-based liquid biopsy for triple-negative breast cancer. <i>Npj Precision Oncology</i> , 2021, 5, 53.	5.4	11
6	Validation, Implementation, and Clinical Impact of the OncoPrint Myeloid Targeted-Amplicon DNA and RNA Ion Semiconductor Sequencing Assay. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 1292-1305.	2.8	8
7	A Host of Host Assays: The Clinical Accuracy of Two Host Gene Expression Assays in Acute Infection*. <i>Critical Care Medicine</i> , 2021, 49, 1812-1814.	0.9	0
8	Clonal hematopoiesis is associated with risk of severe Covid-19. <i>Nature Communications</i> , 2021, 12, 5975.	12.8	81
9	Clinical Utility of Hematopathologist-Triaged NGS Testing When Investigating Patients with Suspected MDS. <i>Blood</i> , 2021, 138, 4675-4675.	1.4	0
10	Dynamic Stromal Changes in Myelofibrosis Patients Pre/Post JAK Inhibition Is Revealed in Clinically Archived Bone Marrow Biopsies By Smooth Muscle Actin (SMA)-CD34 Dual Immunohistochemistry. <i>Blood</i> , 2021, 138, 3286-3286.	1.4	1
11	Circulating Foamy Macrophages in the Golden Syrian Hamster (<i>Mesocricetus auratus</i>) Model of Leptospirosis. <i>Journal of Comparative Pathology</i> , 2021, 189, 98-109.	0.4	5
12	Impact of Tet2 Deficiency, and of <i>TET2</i> Mutations in Clonal Hematopoiesis, on Neutrophil/Granulocyte Immune Function. <i>Blood</i> , 2021, 138, 2159-2159.	1.4	2
13	Novel Mutations and Decreased Expression of the Epigenetic Regulator <i>TET2</i> in Pulmonary Arterial Hypertension. <i>Circulation</i> , 2020, 141, 1986-2000.	1.6	75
14	Clonal hematopoiesis and inflammation: Partners in leukemogenesis and comorbidity. <i>Experimental Hematology</i> , 2020, 83, 85-94.	0.4	77
15	Age-Associated <i>TET2</i> Mutations: Common Drivers of Myeloid Dysfunction, Cancer and Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 626.	4.1	42
16	Objective quantification of BCL2 protein by multiplex immunofluorescence in routine biopsy samples of diffuse large B-cell lymphoma demonstrates associations with survival and <i>BCL2</i> gene alterations. <i>Leukemia and Lymphoma</i> , 2020, 61, 1334-1344.	1.3	1
17	Immune Dysregulation and Recurring Mutations in Myelodysplastic Syndromes Pathogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1326, 1-10.	1.6	3
18	A one-step tRNA-CRISPR system for genome-wide genetic interaction mapping in mammalian cells. <i>Scientific Reports</i> , 2019, 9, 14499.	3.3	7

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19	Genomic Biomarkers to Predict Resistance to Hypomethylating Agents in Patients With Myelodysplastic Syndromes Using Artificial Intelligence. <i>JCO Precision Oncology</i> , 2019, 3, 1-11.	3.0	29
20	Longitudinal sequencing of <i>RUNX1</i> familial platelet disorder: new insights into genetic mechanisms of transformation to myeloid malignancies. <i>British Journal of Haematology</i> , 2019, 186, 724-734.	2.5	9
21	Implementation of an NGS-based sequencing and gene fusion panel for clinical screening of patients with suspected hematologic malignancies. <i>European Journal of Haematology</i> , 2019, 103, 178-189.	2.2	21
22	Targeted, Amplicon-Based, Next-Generation Sequencing to Detect Age-Related Clonal Hematopoiesis. <i>Methods in Molecular Biology</i> , 2019, 2045, 167-180.	0.9	8
23	Comorbid and inflammatory characteristics of genetic subtypes of clonal hematopoiesis. <i>Blood Advances</i> , 2019, 3, 2482-2486.	5.2	89
24	Myeloid-Derived Suppressor Cells in Aged Humans. , 2019, , 733-744.		0
25	The Hippo Pathway Component TAZ Promotes Immune Evasion in Human Cancer through PD-L1. <i>Cancer Research</i> , 2018, 78, 1457-1470.	0.9	216
26	An inflammatory environment containing TNF \pm favors Tet2-mutant clonal hematopoiesis. <i>Experimental Hematology</i> , 2018, 59, 60-65.	0.4	141
27	Myeloid-Derived Suppressor Cells in Aged Humans. , 2018, , 1-12.		1
28	Validation and Clinical Impact of the Oncomine Myeloid Targeted DNA and RNA Ion Semiconductor Sequencing Assay. <i>Blood</i> , 2018, 132, 5523-5523.	1.4	4
29	RNA-Seq Analysis of Clonal Hematopoiesis (CHIP) Blood Leukocytes Shows Dysregulation of Neutrophil / Innate Immunity-Related Genes. <i>Blood</i> , 2018, 132, 3843-3843.	1.4	0
30	Success in bone marrow failure? Novel therapeutic directions based on the immune environment of myelodysplastic syndromes. <i>Journal of Leukocyte Biology</i> , 2017, 102, 209-219.	3.3	12
31	Tet2 restrains inflammatory gene expression in macrophages. <i>Experimental Hematology</i> , 2017, 55, 56-70.e13.	0.4	210
32	TAZ induces lung cancer stem cell properties and tumorigenesis by up-regulating ALDH1A1. <i>Oncotarget</i> , 2017, 8, 38426-38443.	1.8	34
33	Randomized Phase II Study of Azacitidine Alone or in Combination With Lenalidomide or With Vorinostat in Higher-Risk Myelodysplastic Syndromes and Chronic Myelomonocytic Leukemia: North American Intergroup Study SWOG S1117. <i>Journal of Clinical Oncology</i> , 2017, 35, 2745-2753.	1.6	205
34	Differential Expression of TCF3 Target Genes Defines Subclasses of Diffuse Large B-Cell Lymphoma with Striking Differences in Clinical Outcome Following R-CHOP Therapy. <i>Blood</i> , 2016, 128, 3037-3037.	1.4	3
35	Tet2 Deficiency Leads to an Increased Inflammatory Phenotype in Murine Macrophages. <i>Blood</i> , 2016, 128, 708-708.	1.4	1
36	Microenvironmental Links Between TET2/DNMT3A Mutations and Arginase 1 Overexpression in Human MDS/CMML. <i>Blood</i> , 2016, 128, 3164-3164.	1.4	0

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37	TNF-Alpha Promotes Clonal Expansion of Tet2 Deficient Bone Marrow Progenitors in MDS. <i>Blood</i> , 2016, 128, 731-731.	1.4	0
38	Suspicious, Non-MDS-Diagnostic Bone Marrows Have a High Incidence of Clonal Hematopoiesis (CHIP), with MDS-like Clone Size but Restricted Mutation Burden. <i>Blood</i> , 2015, 126, 1668-1668.	1.4	1
39	Tet2 Is a Novel Regulator of Murine Macrophage Differentiation and Polarization. <i>Blood</i> , 2015, 126, 646-646.	1.4	4
40	Tet2-Deficient Bone Marrow Progenitors Have a Proliferative Advantage in the Presence of TNF-Alpha and IFN-Gamma: Implications for Clonal Dominance in Inflammaging and MDS. <i>Blood</i> , 2015, 126, 2850-2850.	1.4	2
41	Testing for Heparin Induced Thrombocytopenia: Comparison of Practice at an Academic Center with Choosing Wisely Guidelines. <i>Blood</i> , 2015, 126, 3469-3469.	1.4	0
42	Standardizing dysgranulopoiesis in MDS and AML: Refining diagnostics and laying the foundation for novel morphological-genetic correlations. <i>Leukemia Research</i> , 2014, 38, 428-429.	0.8	0
43	Bodies of evidence? Lymphoglandular bodies in aspirate smears of bone marrow involved by aggressive large B-cell lymphoma. <i>Blood</i> , 2014, 123, 3695-3695.	1.4	2
44	Myeloid-Derived Suppressor Cell (MDSC) Dynamics In FVIII-Exposed Hemophilia A Mice: Novel Therapeutic Implications. <i>Blood</i> , 2013, 122, 3569-3569.	1.4	0
45	Increased Arginase 1 Expression In Human MDS, CMML and Murine Models Points To Dysregulation Of Common Immunosuppressive Signaling Networks. <i>Blood</i> , 2013, 122, 1578-1578.	1.4	1
46	Emergence of JAK2-mutant primary myelofibrosis in myelodysplastic syndrome: rare case report, literature review, and implications for clonal progression. <i>Journal of Hematopathology</i> , 2012, 5, 135-139.	0.4	0
47	Blastic plasmacytoid dendritic cell neoplasm with leukemic presentation, lacking cutaneous involvement: Case series and literature review. <i>Leukemia Research</i> , 2012, 36, 81-86.	0.8	82
48	Microangiopathic hemolytic anemia and leukoerythroblastic blood film heralding bone marrow metastatic gastroesophageal adenocarcinoma. <i>Pathology Research and Practice</i> , 2011, 207, 121-123.	2.3	7
49	SHIP Represses the Generation of IL-3-Induced M2 Macrophages by Inhibiting IL-4 Production from Basophils. <i>Journal of Immunology</i> , 2009, 183, 3652-3660.	0.8	103
50	The role of SHIP in macrophages. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 2836.	3.0	55
51	SHIP Represses the Generation of Alternatively Activated Macrophages. <i>Immunity</i> , 2005, 23, 361-374.	14.3	271
52	LPS-Induced Upregulation of SHIP Is Essential for Endotoxin Tolerance. <i>Immunity</i> , 2004, 21, 227-239.	14.3	281
53	The role of SHIP1 in macrophage programming and activation. <i>Biochemical Society Transactions</i> , 2004, 32, 785-788.	3.4	64
54	SHIP, SHIP2, and PTEN activities are regulated in vivo by modulation of their protein levels: SHIP is up-regulated in macrophages and mast cells by lipopolysaccharide. <i>Experimental Hematology</i> , 2003, 31, 1170-1181.	0.4	94

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55	SHIP-deficient mice are severely osteoporotic due to increased numbers of hyper-resorptive osteoclasts. <i>Nature Medicine</i> , 2002, 8, 943-949.	30.7	237