Tiina Kelkka

List of Publications by Year in descending order

37 papers	1,423 citations	393982 19 h-index	377514 34 g-index
39 all docs	39 docs citations	39 times ranked	2887 citing authors

#	Article	IF	Citations
1	NOX2 Complexâ€“Derived ROS as Immune Regulators. Antioxidants and Redox Signaling, 2011, 15, 2197-2208.	2.5	174
2	Mannan induces ROS-regulated, IL-17Aâ€“dependent psoriasis arthritis-like disease in mice. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3669-78.	3.3	121
3	Reactive Oxygen Species Deficiency Induces Autoimmunity with Type 1 Interferon Signature. Antioxidants and Redox Signaling, 2014, 21, 2231-2245.	2.5	107
4	Aggressive natural killer-cell leukemiaÂmutational landscape and drug profiling highlight JAK-STAT signaling as therapeutic target. Nature Communications, 2018, 9, 1567.	5.8	107
5	Reactive Oxygen Species Produced by the NADPH Oxidase 2 Complex in Monocytes Protect Mice from Bacterial Infections. Journal of Immunology, 2012, 188, 5003-5011.	0.4	90
6	Somatic mutations in clonally expanded cytotoxic T lymphocytes in patients with newly diagnosed rheumatoid arthritis. Nature Communications, 2017, 8, 15869.	5.8	83
7	Monocyte- and Macrophage-Targeted NADPH Oxidase Mediates Antifungal Host Defense and Regulation of Acute Inflammation in Mice. Journal of Immunology, 2013, 190, 4175-4184.	0.4	75
8	Clever-1/Stabilin-1 Controls Cancer Growth and Metastasis. Clinical Cancer Research, 2014, 20, 6452-6464.	3.2	75
9	Clonal hematopoiesis in patients with rheumatoid arthritis. Blood Cancer Journal, 2018, 8, 69.	2.8	62
10	Hyperinflammation of chronic granulomatous disease is abolished by NOX2 reconstitution in macrophages and dendritic cells. Journal of Pathology, 2012, 228, 341-350.	2.1	57
11	Hydrogen Peroxide As an Immunological Transmitter Regulating Autoreactive T Cells. Antioxidants and Redox Signaling, 2013, 18, 1463-1474.	2.5	51
12	Sex bias in MHC I-associated shaping of the adaptive immune system. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2168-2173.	3.3	51
13	Somatic STAT3 mutations in Felty syndrome: an implication for a common pathogenesis with large granular lymphocyte leukemia. Haematologica, 2018, 103, 304-312.	1.7	50
14	Identification of a region in p47phox/NCF1 crucial for phagocytic NADPH oxidase (NOX2) activation. Journal of Leukocyte Biology, 2012, 93, 427-435.	1.5	49
15	The Macrophage Mannose Receptor Regulate Mannan-Induced Psoriasis, Psoriatic Arthritis, and Rheumatoid Arthritis-Like Disease Models. Frontiers in Immunology, 2018, 9, 114.	2.2	35
16	Enhancement of Antibody-Induced Arthritis via Toll-Like Receptor 2 Stimulation Is Regulated by Granulocyte Reactive Oxygen Species. American Journal of Pathology, 2012, 181, 141-150.	1.9	28
17	Bacillus Calmette-Guerin Infection in NADPH Oxidase Deficiency: Defective Mycobacterial Sequestration and Granuloma Formation. PLoS Pathogens, 2014, 10, e1004325.	2.1	27
18	Mice Lacking NCF1 Exhibit Reduced Growth of Implanted Melanoma and Carcinoma Tumors. PLoS ONE, 2013, 8, e84148.	1.1	25

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19	Single-cell characterization of leukemic and non-leukemic immune repertoires in CD8+ T-cell large granular lymphocytic leukemia. Nature Communications, 2022, 13, 1981.	5.8	23
20	Reactive Oxygen Species Regulate Both Priming and Established Arthritis, but with Different Mechanisms. Antioxidants and Redox Signaling, 2017, 27, 1473-1490.	2.5	21
21	Somatic mutations and T-cell clonality in patients with immunodeficiency. Haematologica, 2020, 105, 2757-2768.	1.7	18
22	A robust pipeline with high replication rate for detection of somatic variants in the adaptive immune system as a source of common genetic variation in autoimmune disease. Human Molecular Genetics, 2019, 28, 1369-1380.	1.4	16
23	Identification of novel STAT5B mutations and characterization of TCRÎ² signatures in CD4+ T-cell large granular lymphocyte leukemia. Blood Cancer Journal, 2022, 12, 31.	2.8	15
24	Finemapping of the arthritis QTL Pia7 reveals co-localization with Oia2 and the APLEC locus. Genes and Immunity, 2010, 11, 239-245.	2.2	14
25	Adult-Onset Anti-Citrullinated Peptide Antibody-Negative Destructive Rheumatoid Arthritis Is Characterized by a Disease-Specific CD8+ T Lymphocyte Signature. Frontiers in Immunology, 2020, 11, 578848.	2.2	11
26	Chronic Active Arthritis Driven by Macrophages Without Involvement of T Cells. Arthritis and Rheumatology, 2018, 70, 1343-1353.	2.9	10
27	Semliki Forest virus vectors expressing transforming growth factor beta inhibit experimental autoimmune encephalomyelitis in Balb/c mice. Biochemical and Biophysical Research Communications, 2007, 355, 776-781.	1.0	9
28	Superoxide Dismutase 3 Limits Collagen-Induced Arthritis in the Absence of Phagocyte Oxidative Burst. Mediators of Inflammation, 2012, 2012, 1-9.	1.4	7
29	T Cell Landscape of Immune Aplastic Anemia Reveals a Convergent Antigen-Specific Signature. Blood, 2019, 134, 108-108.	0.6	5
30	Next-Generation Sequencing Reveals a T Cell Receptor Signature Characteristic of Patients with Aplastic Anemia. Blood, 2018, 132, 537-537.	0.6	2
31	Somatic Mutations in T Cells As Possible Regulators of Immunodeficiency. Blood, 2018, 132, 515-515.	0.6	1
32	Somatic Mutations in CD8+ T Cells in Patients with Chronic Immune Thrombocytopenia Are Associated with Increased Clonality and Cytotoxic Phenotype of CD8+ T Cells. Blood, 2018, 132, 131-131.	0.6	1
33	Synergistic Role of Leukemic and Non-Leukemic Immune Repertoires in CD8+ T-Cell Large Granular Lymphocytic Leukemia As Identified By Single-Cell Transcriptomics. Blood, 2021, 138, 1318-1318.	0.6	1
34	A6.02â€…Somatic mutations in clonally expanded CD8⁺T cells in patients with newly diagnosed rheumatoid arthritis. Annals of the Rheumatic Diseases, 2016, 75, A47.2-A48.	0.5	0
35	O023â€…Rare seronegative destructive RA: identification of somatic mutations in the expanded CD8+ lymphocytes. , 2018, , .		0
36	Exome Sequencing of Aggressive Natural Killer Cell Leukemia and Drug Profiling Highlight Candidate Driver Pathways in Malignant Natural Killer Cells. Blood, 2015, 126, 700-700.	0.6	0

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37	Mutational Landscape of Aggressive Natural Killer Cell Leukemia and Drug Sensitivity Profiling Reveal Therapeutic Options in Natural Killer Cell Malignancies. Blood, 2016, 128, 2921-2921.	0.6	0