

Fabian Beier

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,948
citations

471509

17
h-index

265206

42
g-index

66
all docs

66
docs citations

66
times ranked

3617
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of measurable residual disease in acute myeloid leukemia by DNA methylation patterns. <i>Leukemia</i> , 2022, 36, 80-89.	7.2	12
2	Gain-of-function mutations in RPA1 cause a syndrome with short telomeres and somatic genetic rescue. <i>Blood</i> , 2022, 139, 1039-1051.	1.4	29
3	Determinants of survival after lung transplantation in telomerase-related gene mutation carriers: A retrospective cohort. <i>American Journal of Transplantation</i> , 2022, 22, 1236-1244.	4.7	11
4	Interstitial lung diseases associated with mutations of poly(A)-specific ribonuclease: A multicentre retrospective study. <i>Respirology</i> , 2022, 27, 226-235.	2.3	6
5	Antibody titers after SARS-CoV-2 mRNA vaccination in patients with aplastic anemia—A single-center study. <i>European Journal of Haematology</i> , 2022, 108, 528-531.	2.2	4
6	Effective treatment of advanced Hodgkin lymphoma with a modified BEACOPP regimen for a patient with demyelinating hereditary motor and sensory neuropathy type 1 (HMSN1). <i>Clinical Case Reports (discontinued)</i> , 2022, 10, e05766.	0.5	2
7	Androgen derivatives improve blood counts and elongate telomere length in adult cryptic dyskeratosis congenita. <i>British Journal of Haematology</i> , 2021, 193, 669-673.	2.5	20
8	Internet-based patient survey on the consequences of COVID-19 lockdown on treatment and medical follow-up of patients with aplastic anemia or paroxysmal nocturnal hemoglobinuria in Germany. <i>European Journal of Haematology</i> , 2021, 106, 740-742.	2.2	0
9	Cord blood telomere shortening associates with increased gestational age and birth weight in preterm neonates. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 344.	1.8	5
10	Longitudinal changes in telomere length in PCB-exposed individuals: interaction with CMV infection. <i>Archives of Toxicology</i> , 2021, 95, 1517-1520.	4.2	2
11	Serum Levels of Soluble Urokinase Plasminogen Activator Receptor Predict Tumor Response and Outcome to Immune Checkpoint Inhibitor Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 646883.	2.8	7
12	Serum levels of soluble B and T lymphocyte attenuator predict overall survival in patients undergoing immune checkpoint inhibitor therapy for solid malignancies. <i>International Journal of Cancer</i> , 2021, 149, 1189-1198.	5.1	17
13	Treatment of telomeropathies. <i>Best Practice and Research in Clinical Haematology</i> , 2021, 34, 101282.	1.7	15
14	Telomerase and Pluripotency Factors Jointly Regulate Stemness in Pancreatic Cancer Stem Cells. <i>Cancers</i> , 2021, 13, 3145.	3.7	13
15	Selective ABO immunoadsorption in hematopoietic stem cell transplantation with major ABO incompatibility. <i>European Journal of Haematology</i> , 2021, 107, 324-332.	2.2	3
16	Telomere Shortening in Peripheral Leukocytes Is Associated With Poor Survival in Cancer Patients Treated With Immune Checkpoint Inhibitor Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 729207.	2.8	5
17	Epigenetic Clocks Are Not Accelerated in COVID-19 Patients. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9306.	4.1	21
18	Successful allogeneic stem cell transplantation of a patient with Werner syndrome and acute myeloid leukemia. <i>Leukemia Research</i> , 2021, 108, 106609.	0.8	1

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19	Transient elastography in adult patients with cryptic dyskeratosis congenita reveals subclinical liver fibrosis: a retrospective analysis of the Aachen telomere biology disease registry. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 395.	2.7	3
20	Influence of Telomere Length on the Achievement of Deep Molecular Response With Imatinib in Chronic Myeloid Leukemia Patients. <i>HemaSphere</i> , 2021, 5, e657.	2.7	2
21	Retrospective observational study evaluating zinc plasma level in patients undergoing thoracoabdominal aortic aneurysm repair and its correlation with outcome. <i>Scientific Reports</i> , 2021, 11, 24348.	3.3	0
22	Comparison of flow-FISH and MM-qPCR telomere length assessment techniques for the screening of telomeropathies. <i>Annals of the New York Academy of Sciences</i> , 2020, 1466, 93-103.	3.8	35
23	Comparable Effects of the Androgen Derivatives Danazol, Oxymetholone and Nandrolone on Telomerase Activity in Human Primary Hematopoietic Cells from Patients with Dyskeratosis Congenita. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7196.	4.1	18
24	Late-onset and long-lasting autoimmune neutropenia: an analysis from the Italian Neutropenia Registry. <i>Blood Advances</i> , 2020, 4, 5644-5649.	5.2	18
25	PRDM8 reveals aberrant DNA methylation in aging syndromes and is relevant for hematopoietic and neuronal differentiation. <i>Clinical Epigenetics</i> , 2020, 12, 125.	4.1	20
26	Revesz syndrome revisited. <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 299.	2.7	13
27	Clonal hematopoiesis in donors and long-term survivors of related allogeneic hematopoietic stem cell transplantation. <i>Blood</i> , 2020, 135, 1548-1559.	1.4	58
28	Alternative lengthening of telomeres is the major telomere maintenance mechanism in astrocytoma with isocitrate dehydrogenase 1 mutation. <i>Journal of Neuro-Oncology</i> , 2020, 147, 1-14.	2.9	18
29	Prevalence of Inherited Predisposition Syndromes in Young Patients with Acute Myeloid Leukemia and Aberrant Karyotype. <i>Blood</i> , 2020, 136, 41-42.	1.4	0
30	RPA1 Gain of Function Causes Human Short Telomere Syndrome with Revertant Somatic Mosaicism. <i>Blood</i> , 2020, 136, 36-37.	1.4	0
31	Infliximab therapy together with tyrosine kinase inhibition targets leukemic stem cells in chronic myeloid leukemia. <i>BMC Cancer</i> , 2019, 19, 658.	2.6	12
32	Tracking myeloid malignancies by targeted analysis of successive DNA methylation at neighboring CC dinucleotides. <i>Haematologica</i> , 2019, 104, e349-e351.	3.5	9
33	Effects of continuous high-dose G-CSF administration on hematopoietic stem cell mobilization and telomere length in patients with amyotrophic lateral sclerosis – a pilot study. <i>Cytokine</i> , 2019, 120, 192-201.	3.2	6
34	Recurrent somatic mutations are rare in patients with cryptic dyskeratosis congenita. <i>Leukemia</i> , 2018, 32, 1762-1767.	7.2	27
35	Presence of TERT Promoter Mutations is a Secondary Event and Associates with Elongated Telomere Length in Myxoid Liposarcomas. <i>International Journal of Molecular Sciences</i> , 2018, 19, 608.	4.1	9
36	Telomere shortening correlates with leukemic stem cell burden at diagnosis of chronic myeloid leukemia. <i>Blood Advances</i> , 2018, 2, 1572-1579.	5.2	24

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37	<sc>CD</sc>57 identifies T cells with functional senescence before terminal differentiation and relative telomere shortening in patients with activated <sc>PI</sc>3 kinase delta syndrome. Immunology and Cell Biology, 2018, 96, 1060-1071.	2.3	29
38	Germ line predisposition to myeloid malignancies appearing in adulthood. Expert Review of Hematology, 2018, 11, 625-636.	2.2	5
39	Comprehensive characterization of chorionic villi-derived mesenchymal stromal cells from human placenta. Stem Cell Research and Therapy, 2018, 9, 28.	5.5	38
40	Effects of senolytic drugs on human mesenchymal stromal cells. Stem Cell Research and Therapy, 2018, 9, 108.	5.5	50
41	Influence of Telomere Length in Hepatocytes on Liver Regeneration after Partial Hepatectomy in Rats. European Surgical Research, 2018, 59, 83-90.	1.3	3
42	Accelerated telomere shortening in peripheral blood lymphocytes after occupational polychlorinated biphenyls exposure. Archives of Toxicology, 2017, 91, 289-300.	4.2	48
43	Evidence for a pre-existing telomere deficit in non-clonal hematopoietic stem cells in patients with acute myeloid leukemia. Annals of Hematology, 2017, 96, 1457-1461.	1.8	18
44	Rps14 haploinsufficiency causes a block in erythroid differentiation mediated by S100A8 and S100A9. Nature Medicine, 2016, 22, 288-297.	30.7	191
45	DNA methylation in <i>PRDM8</i> is indicative for dyskeratosis congenita. Oncotarget, 2016, 7, 10765-10772.	1.8	15
46	Therapeutic effect of androgen therapy in a mouse model of aplastic anemia produced by short telomeres. Haematologica, 2015, 100, 1267-1274.	3.5	66
47	Telomere shortening in enterocytes of patients with uncontrolled acute intestinal graft-versus-host disease. Blood, 2015, 126, 2518-2521.	1.4	19
48	Chronic replicative stress induced by CCl4 in TRF1 knockout mice recapitulates the origin of large liver cell changes. Journal of Hepatology, 2015, 63, 446-455.	3.7	13
49	Telomere dynamics in patients with del (5q) MDS before and under treatment with lenalidomide. Leukemia Research, 2015, 39, 1292-1298.	0.8	15
50	Comprehensive Genomic Analysis Provides Further Evidence That Iron Overload Can Induce Genetic Instability in Myelodysplastic Syndromes. Blood, 2015, 126, 2842-2842.	1.4	13
51	A novel autosomal recessive TERT T1129P mutation in a dyskeratosis congenita family leads to cellular senescence and loss of CD34+ hematopoietic stem cells not reversible by mTOR-inhibition. Aging, 2015, 7, 911-927.	3.1	13
52	Reconstructing the in vivo dynamics of hematopoietic stem cells from telomere length distributions. ELife, 2015, 4, .	6.0	81
53	Cooperating Effect of Rps14, Csnk1a1 and miRNA145/miRNA146a Haploinsufficiency in the Activation of the Innate Immune System in Del(5q) MDS. Blood, 2015, 126, 356-356.	1.4	0
54	Aging of blood can be tracked by DNA methylation changes at just three CpG sites. Genome Biology, 2014, 15, R24.	9.6	709

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55	Genetic characterization of acquired aplastic anemia by targeted sequencing. <i>Haematologica</i> , 2014, 99, e165-e167.	3.5	51
56	The 3-OH Derivative of the Polychlorinated Biphenyl (PCB)-28 Inhibits Telomerase Expression and Accelerates Telomere Shortening in Vitro: A Rationale for the Significantly Shortened Telomere Length Found in Peripheral Blood Lymphocytes of Workers Exposed to High Doses of Lower Chlorinated PCBs. <i>Blood</i> , 2014, 124, 4139-4139.	1.4	0
57	Evidence for Premature Aging of (Clonal but also) Non-Clonal Hematopoietic Stem Cells in Patients with Acute Myeloid Leukemia (AML). <i>Blood</i> , 2014, 124, 1048-1048.	1.4	0
58	Age-Associated DNA Methylation Signature Reveals Premature Aging In Patients With Aplastic Anemia and Dyskeratosis Congenita Which Correlates With Telomere Shortening. <i>Blood</i> , 2013, 122, 1223-1223.	1.4	2
59	Genetic Characterization Of Aplastic Anemia Patients By Targeted Sequencing. <i>Blood</i> , 2013, 122, 2470-2470.	1.4	0
60	Enterocytes Of Patients With Uncontrolled Acute Graft Versus Host Disease Of The Gut Undergo Massive Telomere Shortening Compared To Unaffected Controls. <i>Blood</i> , 2013, 122, 4467-4467.	1.4	0
61	Conditional TRF1 knockout in the hematopoietic compartment leads to bone marrow failure and recapitulates clinical features of dyskeratosis congenita. <i>Blood</i> , 2012, 120, 2990-3000.	1.4	59
62	Identification of CD133 ⁺ /Telomerase ^{low} Progenitor Cells in Glioblastoma-Derived Cancer Stem Cell Lines. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 337-343.	3.3	20
63	Accelerated telomere shortening in glycosylphosphatidylinositol (GPI) ⁻ negative compared with GPI-positive granulocytes from patients with paroxysmal nocturnal hemoglobinuria (PNH) detected by proaerolysin flow-FISH. <i>Blood</i> , 2005, 106, 531-533.	1.4	37