

Johannes C Fischer

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

3,788
citations

159585

30
h-index

128289

60
g-index

81
all docs

81
docs citations

81
times ranked

5269
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Human Somatic Stem Cell from Placental Cord Blood with Intrinsic Pluripotent Differentiation Potential. <i>Journal of Experimental Medicine</i> , 2004, 200, 123-135.	8.5	968
2	Diagnostic leukapheresis enables reliable detection of circulating tumor cells of nonmetastatic cancer patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16580-16585.	7.1	196
3	Cytokine production and hematopoiesis supporting activity of cord bloodâ€derived unrestricted somatic stem cells. <i>Experimental Hematology</i> , 2005, 33, 573-583.	0.4	162
4	Segregation of lipid raft markers including CD133 in polarized human hematopoietic stem and progenitor cells. <i>Blood</i> , 2004, 104, 2332-2338.	1.4	161
5	Bridging the gap: Bone marrow aspiration concentrate reduces autologous bone grafting in osseous defects. <i>Journal of Orthopaedic Research</i> , 2011, 29, 173-180.	2.3	155
6	Asymmetric cell division within the human hematopoietic stem and progenitor cell compartment: identification of asymmetrically segregating proteins. <i>Blood</i> , 2007, 109, 5494-5501.	1.4	137
7	Comparison of rapidly cycled tandem high-dose chemotherapy plus peripheral-blood stem-cell support versus dose-dense conventional chemotherapy for adjuvant treatment of high-risk breast cancer: results of a multicentre phase III trial. <i>Lancet, The</i> , 2005, 366, 1935-1944.	13.7	108
8	Analyses of HLA-Câ€specific KIR repertoires in donors with group A and B haplotypes suggest a ligand-instructed model of NK cell receptor acquisition. <i>Blood</i> , 2011, 117, 98-107.	1.4	101
9	Challenges for CTC-based liquid biopsies: low CTC frequency and diagnostic leukapheresis as a potential solution. <i>Expert Review of Molecular Diagnostics</i> , 2016, 16, 147-164.	3.1	89
10	Multiple myelomaâ€related deregulation of bone marrowâ€derived CD34+ hematopoietic stem and progenitor cells. <i>Blood</i> , 2012, 120, 2620-2630.	1.4	82
11	Bone Healing and Migration of Cord Bloodâ€Derived Stem Cells Into a Critical Size Femoral Defect After Xenotransplantation. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1224-1233.	2.8	81
12	Relevance of C1 and C2 Epitopes for Hemopoietic Stem Cell Transplantation: Role for Sequential Acquisition of HLA-C-Specific Inhibitory Killer Ig-Like Receptor. <i>Journal of Immunology</i> , 2007, 178, 3918-3923.	0.8	75
13	Genomic High-Resolution Profiling of Single CKpos/CD45neg Flow-Sorting Purified Circulating Tumor Cells from Patients with Metastatic Breast Cancer. <i>Clinical Chemistry</i> , 2014, 60, 1290-1297.	3.2	74
14	Dexamethasone modulates BMPâ€2 effects on mesenchymal stem cells in vitro. <i>Journal of Orthopaedic Research</i> , 2008, 26, 1440-1448.	2.3	69
15	Toward a real liquid biopsy in metastatic breast and prostate cancer: Diagnostic LeukApheresis increases CTC yields in a European prospective multicenter study (CTCTrap). <i>International Journal of Cancer</i> , 2018, 143, 2584-2591.	5.1	68
16	A single dose of 6 or 12â€mg of pegfilgrastim for peripheral blood progenitor cell mobilization results in similar yields of CD34+ progenitors in patients with multiple myeloma. <i>Transfusion</i> , 2006, 46, 180-185.	1.6	60
17	Diagnostic leukapheresis for CTC analysis in breast cancer patients: CTC frequency, clinical experiences and recommendations for standardized reporting. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 1213-1219.	1.5	60
18	Clinical-Scale Generation of Dendritic Cells in a Closed System. <i>Journal of Immunotherapy</i> , 2003, 26, 374-383.	2.4	59

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19	Psychologically adverse work conditions are associated with CD8+ T cell differentiation indicative of immunosenescence. <i>Brain, Behavior, and Immunity</i> , 2009, 23, 527-534.	4.1	55
20	Cell therapy in bone healing disorders. <i>Orthopedic Reviews</i> , 2010, 2, e20.	1.3	49
21	KIR ligand C2 is associated with increased susceptibility to childhood ALL and confers an elevated risk for late relapse. <i>Blood</i> , 2014, 124, 2248-2251.	1.4	48
22	Superior mobilisation of haematopoietic progenitor cells with glycosylated G-CSF in male but not female unrelated stem cell donors. <i>British Journal of Haematology</i> , 2005, 130, 740-746.	2.5	43
23	Neonatal NK-cell repertoires are functionally, but not structurally, biased toward recognition of self HLA class I. <i>Blood</i> , 2011, 117, 5152-5156.	1.4	42
24	Estimating the Prevalence of Nonpaternity in Germany. <i>Human Nature</i> , 2012, 23, 208-217.	1.6	41
25	Pegylated granulocyte colony-stimulating factor mobilizes CD34+ cells with different stem and progenitor subsets and distinct functional properties in comparison with unconjugated granulocyte colony-stimulating factor. <i>Haematologica</i> , 2008, 93, 347-355.	3.5	39
26	Comparable Long-Term Survival after Bone Marrow versus Peripheral Blood Progenitor Cell Transplantation from Matched Unrelated Donors in Children with Hematologic Malignancies. <i>Biology of Blood and Marrow Transplantation</i> , 2007, 13, 1338-1345.	2.0	38
27	Label-Free Enrichment and Molecular Characterization of Viable Circulating Tumor Cells from Diagnostic Leukapheresis Products. <i>Clinical Chemistry</i> , 2019, 65, 549-558.	3.2	37
28	Nucleofection, an Efficient Nonviral Method to Transfer Genes into Human Hematopoietic Stem and Progenitor Cells. <i>Stem Cells and Development</i> , 2006, 15, 278-285.	2.1	36
29	Platelet Proteome Analysis Reveals Integrin-dependent Aggregation Defects in Patients with Myelodysplastic Syndromes. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1272-1280.	3.8	36
30	Hepatocyte Growth Factor/c-MET Axis-mediated Tropism of Cord Blood-derived Unrestricted Somatic Stem Cells for Neuronal Injury. <i>Journal of Biological Chemistry</i> , 2008, 283, 32244-32253.	3.4	31
31	The Neurotransmitter GABA Is a Potent Inhibitor of the Stromal Cell-Derived Factor-1 α -Induced Migration of Adult CD133+Hematopoietic Stem and Progenitor Cells. <i>Stem Cells and Development</i> , 2007, 16, 827-836.	2.1	29
32	Human glioblastoma stem-like cells accumulate protoporphyrin IX when subjected to exogenous 5-aminolaevulinic acid, rendering them sensitive to photodynamic treatment. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 203-210.	3.8	28
33	Uptake dynamics of graphene quantum dots into primary human blood cells following in vitro exposure. <i>RSC Advances</i> , 2017, 7, 12208-12216.	3.6	27
34	The role of KIR genes and ligands in leukemia surveillance. <i>Frontiers in Immunology</i> , 2013, 4, 27.	4.8	25
35	Pathogenicity of POFUT1 in Dowling-Degos Disease: Additional Mutations and Clinical Overlap with Reticulate Acropigmentation of Kitamura. <i>Journal of Investigative Dermatology</i> , 2015, 135, 615-618.	0.7	25
36	From in vitro to ex vivo: subcellular localization and uptake of graphene quantum dots into solid tumors. <i>Nanotechnology</i> , 2019, 30, 395101.	2.6	25

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37	Differential regulation of microglial keratan sulfate immunoreactivity by proinflammatory cytokines and colony-stimulating factors. , 2000, 30, 401-410.		24
38	Diagnostic Leukapheresis Enables Reliable Transcriptomic Profiling of Single Circulating Tumor Cells to Characterize Inter-Cellular Heterogeneity in Terms of Endocrine Resistance. <i>Cancers</i> , 2019, 11, 903.	3.7	24
39	Isolation of circulating tumor cells from pancreatic cancer by automated filtration. <i>Oncotarget</i> , 2017, 8, 86143-86156.	1.8	24
40	Genomewide analysis of copy number variants in alopecia areata in a <sc>C</sc>entral <sc>E</sc>uropean cohort reveals association with <i><sc>MCHR</sc>2</i>. <i>Experimental Dermatology</i> , 2017, 26, 536-541.	2.9	21
41	The role of passive immunization in the age of SARS-CoV-2: an update. <i>European Journal of Medical Research</i> , 2020, 25, 16.	2.2	20
42	Bone-marrow derived progenitor cells are associated with psychosocial determinants of health after controlling for classical biological and behavioral cardiovascular risk factors. <i>Brain, Behavior, and Immunity</i> , 2009, 23, 419-426.	4.1	18
43	Progenitor cells are mobilized by acute psychological stress but not beta-adrenergic receptor agonist infusion. <i>Brain, Behavior, and Immunity</i> , 2015, 49, 49-53.	4.1	18
44	The impact of HLA-C matching depends on the C1/C2 KIR ligand status in unrelated hematopoietic stem cell transplantation. <i>Immunogenetics</i> , 2012, 64, 879-885.	2.4	17
45	Disseminated tumour cells with highly aberrant genomes are linked to poor prognosis in operable oesophageal adenocarcinoma. <i>British Journal of Cancer</i> , 2017, 117, 725-733.	6.4	17
46	Genetic analysis of circulating tumor cells in pancreatic cancer patients: A pilot study. <i>Genomics</i> , 2015, 106, 7-14.	2.9	16
47	Selective downregulation of HLAâ€C and HLAâ€E in childhood acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2016, 174, 477-480.	2.5	16
48	Phenotypic and functional comparison of monocytes from cord blood and granulocyte colony-stimulating factorâ€mobilized apheresis products. <i>Experimental Hematology</i> , 2001, 29, 1289-1294.	0.4	15
49	Transient appearance of postoperative EDTA-dependent pseudothrombocytopenia in a patient after gastrectomy. <i>Platelets</i> , 2011, 22, 72-74.	2.3	14
50	Can thrombinâ€activated platelet releasate compensate the ageâ€induced decrease in cell proliferation of MSC?. <i>Journal of Orthopaedic Research</i> , 2013, 31, 1786-1795.	2.3	14
51	Human endothelial colony-forming cells expanded with an improved protocol are a useful endothelial cell source for scaffold-based tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, E84-E97.	2.7	13
52	Recipient HLA-C Haplotypes and microRNA 148a/b Binding Sites Have No Impact on Allogeneic Hematopoietic Cell Transplantation Outcomes. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, 153-160.	2.0	12
53	Association of HLA genotypes, ABO blood type and chemokine receptor 5 mutant CD195 with the clinical course of COVID-19. <i>European Journal of Medical Research</i> , 2021, 26, 107.	2.2	12
54	Case Report: Convalescent Plasma Achieves SARS-CoV-2 Viral Clearance in a Patient With Persistently High Viral Replication Over 8 Weeks Due to Severe Combined Immunodeficiency (SCID) and Graft Failure. <i>Frontiers in Immunology</i> , 2021, 12, 645989.	4.8	10

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55	Effects of thromboprophylaxis on mesenchymal stromal cells during osteogenic differentiation: an in-vitro study comparing enoxaparin with rivaroxaban. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 108.	1.9	9
56	Biomechanical Stability and Osteogenesis in a Tibial Bone Defect Treated by Autologous Ovine Cord Blood Cellsâ€”A Pilot Study. <i>Molecules</i> , 2019, 24, 295.	3.8	8
57	Magnetic resonance imaging of the vocal fold oscillations with subâ€millisecond temporal resolution. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 403-411.	3.0	8
58	SARS-CoV-2 Infection in Fully Vaccinated Individuals of Old Age Strongly Boosts the Humoral Immune Response. <i>Frontiers in Medicine</i> , 2021, 8, 746644.	2.6	8
59	Influence of Di(2-ethylhexyl)phthalate on migration rate and differentiation of human hematopoietic stem and progenitor cells (CD34+). <i>Clinical Hemorheology and Microcirculation</i> , 2015, 61, 111-118.	1.7	7
60	A combined strategy to detect plasma samples reliably with high anti-SARS-CoV-2 neutralizing antibody titers in routine laboratories. <i>Journal of Clinical Virology</i> , 2021, 144, 104984.	3.1	7
61	Humoral response to SARSâ€CoVâ€2 and seasonal coronaviruses in COVIDâ€19 patients. <i>Journal of Medical Virology</i> , 2021, , .	5.0	7
62	Single point imaging with radial acquisition and compressed sensing. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 2685-2696.	3.0	7
63	Age-Related Increase of EED Expression in Early Hematopoietic Progenitor Cells is Associated with Global Increase of the Histone Modification H3K27me3. <i>Stem Cells and Development</i> , 2015, 24, 2018-2031.	2.1	6
64	Prostacyclin Suppresses Twist Expression in the Presence of Indomethacin in Bone Marrow-Derived Mesenchymal Stromal Cells. <i>Medical Science Monitor</i> , 2014, 20, 2219-2227.	1.1	6
65	Reducing costs in flowâ€cytometric counting of residual white blood cells in blood products: utilization of a singleâ€platform beadâ€free flowâ€rate calibration method. <i>Transfusion</i> , 2011, 51, 1431-1438.	1.6	5
66	Mesenchymal Progenitor Cells. , 2008, , 317-324.		4
67	Prevention of Leukemia Relapse by Donor Activating <i>KIR2DS1</i>. <i>New England Journal of Medicine</i> , 2012, 367, 2054-2055.	27.0	4
68	COVID-19 antibody donation using immunoabsorption: Report of two cases. <i>Transfusion and Apheresis Science</i> , 2021, 60, 103193.	1.0	4
69	Comparison of Different Systemic Therapeutic Regimes in Resectable Soft-Tissue Sarcomaâ€”Results of a Network Meta-Analysis. <i>Cancers</i> , 2021, 13, 5631.	3.7	4
70	Suppression of clonogenicity by mammalian Dnmt1 mediated by the PCNA-binding domain. <i>Biochemistry and Cell Biology</i> , 2004, 82, 589-596.	2.0	3
71	Deep serum discoveries: <sc>SDF</sc>â€1â€ and <sc>HSA</sc> fragments in myelodysplastic syndromes. <i>American Journal of Hematology</i> , 2015, 90, E185-7.	4.1	3
72	Multi-parameter Analytical Method for B1 and SNR Analysis (MAMBA): An open source RF coil design tool. <i>Journal of Magnetic Resonance</i> , 2020, 319, 106825.	2.1	3

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73	Methods for Separate Isolation of Cell-Free DNA and Cellular DNA from Urine-Application of Methylation-Specific PCR on both DNA Fractions. Open Biomarkers Journal, 2011, 4, 15-17.	0.1	3
74	Sub-millisecond 2D MRI of the vocal fold oscillation using single-point imaging with rapid encoding. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2022, 35, 301-310.	2.0	2
75	Differential Involvement of Myosin II and VI in the Spontaneous and SDF-1-induced Migration of Adult CD133+ Hematopoietic Stem/Progenitor Cells and Leukemic Cells. Current Cancer Therapy Reviews, 2012, 8, 283-292.	0.3	1
76	Informed consent and informed intervention: SARS-CoV-2 vaccinations not just call for disclosure of newly emerging safety data but also for hypothesis generation and testing. European Journal of Medical Research, 2021, 26, 87.	2.2	1
77	Endothelial Progenitor Cells. , 2008, , 305-316.		0
78	Influence of GCSF stimulation on sCD40L release kinetic. Journal of Cellular Biotechnology, 2016, 1, 171-177.	0.5	0