

Hans-dieter Volk

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

577
papers

37,092
citations

96
h-index

170
g-index

623
ext. papers

42,034
ext. citations

6.3
avg, IF

6.71
L-index

#	Paper	IF	Citations
577	SARS-CoV-2 T Cell Response in Severe and Fatal COVID-19 in Primary Antibody Deficiency Patients Without Specific Humoral Immunity.. <i>Frontiers in Immunology</i> , 2022 , 13, 840126	8.4	1
576	Effects of caloric restriction on the gut microbiome are linked with immune senescence.. <i>Microbiome</i> , 2022 , 10, 57	16.6	1
575	A functional corona around extracellular vesicles enhances angiogenesis, skin regeneration and immunomodulation.. <i>Journal of Extracellular Vesicles</i> , 2022 , 11, e12207	16.4	11
574	Pharmacological interventions enhance virus-free generation of -replaced CAR T cells.. <i>Molecular Therapy - Methods and Clinical Development</i> , 2022 , 25, 311-330	6.4	0
573	HIPGEN: a randomized, multicentre phase III study using intramuscular PLacenta-eXpanded stromal cells therapy for recovery following hip fracture arthroplasty : a study design.. <i>Bone & Joint Open</i> , 2022 , 3, 340-347	2.8	0
572	Strong Expansion of Human Regulatory T Cells for Adoptive Cell Therapy Results in Epigenetic Changes Which May Impact Their Survival and Function. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 751590	5.7	2
571	Cyclosporine A but Not Corticosteroids Support Efficacy of Expanded, Adoptively Transferred Human Tregs in GvHD. <i>Frontiers in Immunology</i> , 2021 , 12, 716629	8.4	1
570	RESTORE Survey on the Public Perception of Advanced Therapies and ATMPs in Europe-Why the European Union Should Invest More!. <i>Frontiers in Medicine</i> , 2021 , 8, 739987	4.9	3
569	SARS-CoV-2 in severe COVID-19 induces a TGF- β -dominated chronic immune response that does not target itself. <i>Nature Communications</i> , 2021 , 12, 1961	17.4	41
568	Activity and components of the granulocyte colony-stimulating factor pathway in hidradenitis suppurativa. <i>British Journal of Dermatology</i> , 2021 , 185, 164-176	4	8
567	Preformed T cell alloimmunity and HLA eplet mismatch to guide immunosuppression minimization with tacrolimus monotherapy in kidney transplantation: Results of the CELLIMIN trial. <i>American Journal of Transplantation</i> , 2021 , 21, 2833-2845	8.7	2
566	Reactive T Cells in Convalescent COVID-19 Patients With Negative SARS-CoV-2 Antibody Serology. <i>Frontiers in Immunology</i> , 2021 , 12, 687449	8.4	9
565	CRISPR-Cas9-Edited Tacrolimus-Resistant Antiviral T Cells for Advanced Adoptive Immunotherapy in Transplant Recipients. <i>Molecular Therapy</i> , 2021 , 29, 32-46	11.7	3
564	The intratumoral CXCR3 chemokine system is predictive of chemotherapy response in human bladder cancer. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	9
563	Bio-instructive hydrogel expands the paracrine potency of mesenchymal stem cells. <i>Biofabrication</i> , 2021 , 13,	10.5	8
562	An Individual Patient's "Body" on Chips-How Organismoid Theory Can Translate Into Your Personal Precision Therapy Approach. <i>Frontiers in Medicine</i> , 2021 , 8, 728866	4.9	1
561	MSC Therapies for COVID-19: Importance of Patient Coagulopathy, Thromboprophylaxis, Cell Product Quality and Mode of Delivery for Treatment Safety and Efficacy. <i>Frontiers in Immunology</i> , 2020 , 11, 1091	8.4	76

560	Association between Subcutaneous Adipose Tissue Inflammation, Insulin Resistance, and Calorie Restriction in Obese Females. <i>Journal of Immunology</i> , 2020 , 205, 45-55	5.3	7
559	Transient antibody targeting of CD45RC inhibits the development of graft-versus-host disease. <i>Blood Advances</i> , 2020 , 4, 2501-2515	7.8	6
558	Toward an Optimized Process for Clinical Manufacturing of CAR-Treg Cell Therapy. <i>Trends in Biotechnology</i> , 2020 , 38, 1099-1112	15.1	32
557	TRANSIENT ANTIBODY TARGETING OF CD45RC TO PREVENT THE DEVELOPMENT OF ACUTE GRAFT VERSUS HOST DISEASES. <i>Transplantation</i> , 2020 , 104, S96-S96	1.8	
556	Regulatory cell therapy in kidney transplantation (The ONE Study): a harmonised design and analysis of seven non-randomised, single-arm, phase 1/2A trials. <i>Lancet, The</i> , 2020 , 395, 1627-1639	4.0	114
555	Increased presence and differential molecular imprinting of transit amplifying cells in psoriasis. <i>Journal of Molecular Medicine</i> , 2020 , 98, 111-122	5.5	4
554	Placenta-Derived Cell Therapy to Treat Patients With Respiratory Failure Due to Coronavirus Disease 2019 2020 , 2, e0207		8
553	Differential immunological signature at the culprit site distinguishes acute coronary syndrome with intact from acute coronary syndrome with ruptured fibrous cap: results from the prospective translational OPTICO-ACS study. <i>European Heart Journal</i> , 2020 , 41, 3549-3560	9.5	29
552	HCoV- and SARS-CoV-2 Cross-Reactive T Cells in COVID Patients. <i>Frontiers in Immunology</i> , 2020 , 11, 607918.4	18.4	19
551	The H-Y Antigen in Embryonic Stem Cells Causes Rejection in Syngeneic Female Recipients. <i>Stem Cells and Development</i> , 2020 , 29, 1179-1189	4.4	0
550	Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. <i>Cell</i> , 2020 , 182, 1419-1440.e236.2	36.2	558
549	Regulatory T cells for minimising immune suppression in kidney transplantation: phase I/IIa clinical trial. <i>BMJ, The</i> , 2020 , 371, m3734	5.9	43
548	The herbal extract EPS-7630 increases the antimicrobial airway defense through monocyte-dependent induction of IL-22 in T cells. <i>Journal of Molecular Medicine</i> , 2020 , 98, 1493-1503	5.5	6
547	T cell phenotypes associated with insulin resistance: results from the Berlin Aging Study II. <i>Immunity and Ageing</i> , 2020 , 17, 40	9.7	3
546	Dialysis therapy is associated with peripheral marginal zone B-cell augmentation. <i>Transplant Immunology</i> , 2020 , 60, 101289	1.7	
545	Super-Treg: Toward a New Era of Adoptive Treg Therapy Enabled by Genetic Modifications. <i>Frontiers in Immunology</i> , 2020 , 11, 611638	8.4	3
544	Targeted De-Methylation of the FOXP3-TSDR Is Sufficient to Induce Physiological FOXP3 Expression but Not a Functional Treg Phenotype. <i>Frontiers in Immunology</i> , 2020 , 11, 609891	8.4	8
543	Disease Severity, Fever, Age, and Sex Correlate With SARS-CoV-2 Neutralizing Antibody Responses. <i>Frontiers in Immunology</i> , 2020 , 11, 628971	8.4	21

542	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019 , 49, 1457-1973	6.1	485
541	Individual Effector/Regulator T Cell Ratios Impact Bone Regeneration. <i>Frontiers in Immunology</i> , 2019 , 10, 1954	8.4	25
540	Circulating endothelial cells as biomarker for cardiovascular diseases. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2019 , 3, 49-58	5.1	24
539	Intravascular Mesenchymal Stromal/Stem Cell Therapy Product Diversification: Time for New Clinical Guidelines. <i>Trends in Molecular Medicine</i> , 2019 , 25, 149-163	11.5	160
538	Comprehensive Characterization of a Next-Generation Antiviral T-Cell Product and Feasibility for Application in Immunosuppressed Transplant Patients. <i>Frontiers in Immunology</i> , 2019 , 10, 1148	8.4	4
537	Immune Modulation to Enhance Bone Healing-A New Concept to Induce Bone Using Prostacyclin to Locally Modulate Immunity. <i>Frontiers in Immunology</i> , 2019 , 10, 713	8.4	20
536	Experience in the Adaptive Immunity Impacts Bone Homeostasis, Remodeling, and Healing. <i>Frontiers in Immunology</i> , 2019 , 10, 797	8.4	30
535	The Value of a Rapid Test of Human Regulatory T Cell Function Needs to be Revised. <i>Frontiers in Immunology</i> , 2019 , 10, 150	8.4	3
534	Targeting CD20+ B-lymphocytes in inflammatory dilated cardiomyopathy with rituximab improves clinical course: a case series. <i>European Heart Journal - Case Reports</i> , 2019 , 3,	0.9	15
533	Treatment of advanced gastrointestinal cancer with genetically modified autologous mesenchymal stem cells: Final results of the phase 1/2 TREAT-ME-1 trial.. <i>Journal of Clinical Oncology</i> , 2019 , 37, e14648- ^{2,2} e14648		
532	Treatment of advanced gastrointestinal cancer with genetically modified autologous mesenchymal stem cells: Results from the phase 1/2 TREAT-ME-1 trial. <i>International Journal of Cancer</i> , 2019 , 145, 1538- ^{7,5} 1546 ³⁶		
531	The IL-1 Pathway Is Hyperactive in Hidradenitis Suppurativa and Contributes to Skin Infiltration and Destruction. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 1294-1305	4.3	72
530	Diagnostic biomarkers for adult haemophagocytic lymphohistiocytosis in critically ill patients (HEMICU): a prospective observational study protocol. <i>BMJ Open</i> , 2019 , 9, e032695	3	3
529	Mechanisms of Immune Tolerance in Liver Transplantation-Crosstalk Between Alloreactive T Cells and Liver Cells With Therapeutic Prospects. <i>Frontiers in Immunology</i> , 2019 , 10, 2667	8.4	9
528	Heterologous Cytomegalovirus and Allo-Reactivity by Shared T Cell Receptor Repertoire in Kidney Transplantation. <i>Frontiers in Immunology</i> , 2019 , 10, 2549	8.4	9
527	Cytotoxic Effects of Rabbit Anti-thymocyte Globulin Preparations on Primary Human Thymic Epithelial Cells. <i>Transplantation</i> , 2019 , 103, 2234-2244	1.8	4
526	The Identity Card of T Cells-Clinical Utility of T-cell Receptor Repertoire Analysis in Transplantation. <i>Transplantation</i> , 2019 , 103, 1544-1555	1.8	8
525	Interstitial Lung Disease Frequently Precedes COVID Diagnosis. <i>Journal of Clinical Immunology</i> , 2019 , 39, 849-851	5.7	7

524	High prevalence of Streptococcus pyogenes Cas9-reactive T cells within the adult human population. <i>Nature Medicine</i> , 2019 , 25, 242-248	50.5	185
523	A comparative analysis of human bone marrow-resident and peripheral memory B cells. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1911-1913.e7	11.5	2
522	Serum Free Light Chains in COVID-19 a Marker for Differential Diagnosis. <i>Journal of Clinical Immunology</i> , 2018 , 38, 163-165	5.7	4
521	Human Parvovirus B19 (B19V) Up-regulates CXCR4 Surface Expression of Circulating Angiogenic Cells: Implications for Cardiac Ischemia in B19V Cardiomyopathy. <i>Journal of Infectious Diseases</i> , 2018 , 217, 456-465	7	6
520	Personalized risk prediction of postoperative cognitive impairment - Rationale for the EU-funded BioCog project. <i>European Psychiatry</i> , 2018 , 50, 34-39	6	32
519	Immunomodulation by adoptive regulatory T-cell transfer improves Coxsackievirus B3-induced myocarditis. <i>FASEB Journal</i> , 2018 , 32, fj201701408R	0.9	24
518	Distinct Housing Conditions Reveal a Major Impact of Adaptive Immunity on the Course of Obesity-Induced Type 2 Diabetes. <i>Frontiers in Immunology</i> , 2018 , 9, 1069	8.4	7
517	Immunoabsorption to remove α adrenergic receptor antibodies in Chronic Fatigue Syndrome CFS/ME. <i>PLoS ONE</i> , 2018 , 13, e0193672	3.7	41
516	The effect of induction therapy on established CMV specific T cell immunity in living donor kidney transplantation. <i>Physiological Research</i> , 2018 , 67, 251-260	2.1	2
515	Rescue from lethal acute radiation syndrome (ARS) with severe weight loss by secretome of intramuscularly injected human placental stromal cells. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018 , 9, 1079-1092	10.3	18
514	Immunomodulatory placental-expanded, mesenchymal stromal cells improve muscle function following hip arthroplasty. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018 , 9, 880-897	10.3	36
513	In situ detection of CD73+ CD90+ CD105+ lineage: Mesenchymal stromal cells in human placenta and bone marrow specimens by chip cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018 , 93, 889-893	4.6	6
512	Stromal Cells Act as Guardians for Endothelial Progenitors by Reducing Their Immunogenicity After Co-Transplantation. <i>Stem Cells</i> , 2017 , 35, 1233-1245	5.8	21
511	Lipocalin-2 is expressed by activated granulocytes and keratinocytes in affected skin and reflects disease activity in acne inversa/hidradenitis suppurativa. <i>British Journal of Dermatology</i> , 2017 , 177, 1385-1393	4.393	43
510	Comprehensive Approach for Identifying the T Cell Subset Origin of CD3 and CD28 Antibody-Activated Chimeric Antigen Receptor-Modified T Cells. <i>Journal of Immunology</i> , 2017 , 199, 348-362	5.3	30
509	CD31+ Cells From Peripheral Blood Facilitate Bone Regeneration in Biologically Impaired Conditions Through Combined Effects on Immunomodulation and Angiogenesis. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 902-912	6.3	14
508	Influenza Vaccination in Patients with Common Variable Immunodeficiency (CVID). <i>Current Allergy and Asthma Reports</i> , 2017 , 17, 78	5.6	17
507	Guidelines for the use of flow cytometry and cell sorting in immunological studies. <i>European Journal of Immunology</i> , 2017 , 47, 1584-1797	6.1	359

506	Treatment of advanced gastrointestinal cancer with genetically modified autologous mesenchymal stem cells - TREAT-ME-1 - a phase I, first in human, first in class trial. <i>Oncotarget</i> , 2017 , 8, 80156-80166	3.3	34
505	Serological profiling of the EBV immune response in Chronic Fatigue Syndrome using a peptide microarray. <i>PLoS ONE</i> , 2017 , 12, e0179124	3.7	35
504	Clinical Development of Cell Therapies: Setting the Stage for Academic Success. <i>Clinical Pharmacology and Therapeutics</i> , 2017 , 101, 35-38	6.1	12
503	Wild immunology assessed by multidimensional mass cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017 , 91, 85-95	4.6	20
502	T Lymphocytes Influence the Mineralization Process of Bone. <i>Frontiers in Immunology</i> , 2017 , 8, 562	8.4	39
501	Sequential Targeting of CD52 and TNF Allows Early Minimization Therapy in Kidney Transplantation: From a Biomarker to Targeting in a Proof-Of-Concept Trial. <i>PLoS ONE</i> , 2017 , 12, e0169624	3.7	6
500	MP692 EVALUATION OF SPECIFIC T CELL RESPONSES PRIOR KIDNEY TRANSPLANTATION: USEFUL TOOL FOR REJECTION PREDICTION?. <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, i569-i570	4.3	
499	A4.01 T cells are critical regulators of soft callus mineralization and normal deposition of collagen I during bone repair. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, A37.1-A37	2.4	1
498	Putting a price tag on novel autologous cellular therapies. <i>Cytotherapy</i> , 2016 , 18, 1056-1061	4.8	30
497	Antibodies to α -adrenergic and muscarinic cholinergic receptors in patients with Chronic Fatigue Syndrome. <i>Brain, Behavior, and Immunity</i> , 2016 , 52, 32-39	16.6	112
496	Interleukin-29 induces epithelial production of CXCR3A ligands and T-cell infiltration. <i>Journal of Molecular Medicine</i> , 2016 , 94, 391-400	5.5	19
495	Human Placenta-Derived Stromal Cells Rescue Mice from Radiation-Induced Bone Marrow Failure: A Cytof-Based Mechanistic Analysis. <i>Blood</i> , 2016 , 128, 2677-2677	2.2	1
494	TGF β dependent expression of PD-1 and PD-L1 controls CD8(+) T cell anergy in transplant tolerance. <i>ELife</i> , 2016 , 5, e08133	8.9	79
493	The Role of Immune Reactivity in Bone Regeneration 2016 ,		3
492	MMP8 Is Increased in Lesions and Blood of Acne Inversa Patients: A Potential Link to Skin Destruction and Metabolic Alterations. <i>Mediators of Inflammation</i> , 2016 , 2016, 4097574	4.3	23
491	Cellular and humoral influenza-specific immune response upon vaccination in patients with common variable immunodeficiency and unclassified antibody deficiency. <i>Vaccine</i> , 2016 , 34, 2417-2423	4.1	26
490	Late-Onset Disseminated Mycobacterium avium intracellulare Complex Infection (MAC), Cerebral Toxoplasmosis and Salmonella Sepsis in a German Caucasian Patient with Unusual Anti-Interferon-Gamma IgG1 Autoantibodies. <i>Journal of Clinical Immunology</i> , 2015 , 35, 361-5	5.7	21
489	Immunogenicity of allogeneic mesenchymal stromal cells: what has been seen in vitro and in vivo?. <i>Regenerative Medicine</i> , 2015 , 10, 305-15	2.5	43

488	Peripheral blood-derived virus-specific memory stem T cells mature to functional effector memory subsets with self-renewal potency. <i>Journal of Immunology</i> , 2015 , 194, 5559-67	5.3	27
487	Impaired Endothelial Regeneration Through Human Parvovirus B19-Infected Circulating Angiogenic Cells in Patients With Cardiomyopathy. <i>Journal of Infectious Diseases</i> , 2015 , 212, 1070-81	7	25
486	Key elements for nourishing the translational research environment. <i>Science Translational Medicine</i> , 2015 , 7, 282cm2	17.5	21
485	Cholinergic Pathway Suppresses Pulmonary Innate Immunity Facilitating Pneumonia After Stroke. <i>Stroke</i> , 2015 , 46, 3232-40	6.7	54
484	Altered B-cell subsets and functional B-cell defects in selective IgM deficiency. <i>Clinical Immunology</i> , 2015 , 161, 96-102	9	12
483	Interleukin-10 receptor-1 expression in monocyte-derived antigen-presenting cell populations: dendritic cells partially escape from IL-10 inhibitory mechanisms. <i>Genes and Immunity</i> , 2015 , 16, 8-14	4.4	7
482	Classification of common variable immunodeficiencies using flow cytometry and a memory B-cell functionality assay. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 198-208	11.5	20
481	Polymorphism in COMT is associated with IgG3 subclass level and susceptibility to infection in patients with chronic fatigue syndrome. <i>Journal of Translational Medicine</i> , 2015 , 13, 264	8.5	11
480	Mesenchymal Stromal Cells Prevent Allostimulation In Vivo and Control Checkpoints of Th1 Priming: Migration of Human DC to Lymph Nodes and NK Cell Activation. <i>Stem Cells</i> , 2015 , 33, 3087-99	5.8	36
479	Human CD45RA(-) FoxP3(hi) Memory-Type Regulatory T Cells Show Distinct TCR Repertoires With Conventional T Cells and Play an Important Role in Controlling Early Immune Activation. <i>American Journal of Transplantation</i> , 2015 , 15, 2625-35	8.7	24
478	The Pelargonium sidoides Extract EPs 7630 Drives the Innate Immune Defense by Activating Selected MAP Kinase Pathways in Human Monocytes. <i>PLoS ONE</i> , 2015 , 10, e0138075	3.7	19
477	Regulatory T cell-mediated anti-inflammatory effects promote successful tissue repair in both indirect and direct manners. <i>Frontiers in Pharmacology</i> , 2015 , 6, 184	5.6	79
476	Frequent IgG subclass and mannose binding lectin deficiency in patients with chronic fatigue syndrome. <i>Human Immunology</i> , 2015 , 76, 729-35	2.3	13
475	Central Role of CD45RA- Foxp3hi Memory Regulatory T Cells in Clinical Kidney Transplantation Tolerance. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 1795-805	12.7	82
474	Mechanism of Action of PLX-R18, a Placental-Derived Cellular Therapy for the Treatment of Radiation-Induced Bone Marrow Failure. <i>Blood</i> , 2015 , 126, 2417-2417	2.2	2
473	Novel GMP-compatible protocol employing an allogeneic B cell bank for clonal expansion of allospecific natural regulatory T cells. <i>American Journal of Transplantation</i> , 2014 , 14, 594-606	8.7	53
472	T and B cells participate in bone repair by infiltrating the fracture callus in a two-wave fashion. <i>Bone</i> , 2014 , 64, 155-65	4.7	113
471	Discrimination of T-cell subsets and T-cell receptor repertoire distribution. <i>Immunologic Research</i> , 2014 , 58, 20-7	4.3	9

470	Interleukin-23 deficiency leads to impaired wound healing and adverse prognosis after myocardial infarction. <i>Circulation: Heart Failure</i> , 2014 , 7, 161-71	7.6	39
469	IL-19 is a component of the pathogenetic IL-23/IL-17 cascade in psoriasis. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 2757-2767	4.3	98
468	Human bone marrow contains a subset of quiescent early memory CD8(+) T cells characterized by high CD127 expression and efflux capacity. <i>European Journal of Immunology</i> , 2014 , 44, 3532-42	6.1	8
467	Changing the mindset in life sciences toward translation: a consensus. <i>Science Translational Medicine</i> , 2014 , 6, 264cm12	17.5	31
466	Deficient cutaneous antibacterial competence in cutaneous T-cell lymphomas: role of Th2-mediated biased Th17 function. <i>Clinical Cancer Research</i> , 2014 , 20, 5507-16	12.9	44
465	Initial immune reaction and angiogenesis in bone healing. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2014 , 8, 120-30	4.4	80
464	Deficient EBV-specific B- and T-cell response in patients with chronic fatigue syndrome. <i>PLoS ONE</i> , 2014 , 9, e85387	3.7	53
463	Immunological properties of extraembryonic human mesenchymal stromal cells derived from gestational tissue. <i>Stem Cells and Development</i> , 2013 , 22, 2619-29	4.4	57
462	Terminally differentiated CD8+ T cells negatively affect bone regeneration in humans. <i>Science Translational Medicine</i> , 2013 , 5, 177ra36	17.5	177
461	IL-29 is produced by T(H)17 cells and mediates the cutaneous antiviral competence in psoriasis. <i>Science Translational Medicine</i> , 2013 , 5, 204ra129	17.5	91
460	The SCIntinel study--prospective multicenter study to define the spinal cord injury-induced immune depression syndrome (SCI-IDS)--study protocol and interim feasibility data. <i>BMC Neurology</i> , 2013 , 13, 168	3.1	29
459	TCR repertoire analysis by next generation sequencing allows complex differential diagnosis of T cell-related pathology. <i>American Journal of Transplantation</i> , 2013 , 13, 2842-54	8.7	94
458	Mechanisms and rescue strategies of calcineurin inhibitor mediated tolerance abrogation induced by anti-CD4 mAb treatment. <i>American Journal of Transplantation</i> , 2013 , 13, 2308-21	8.7	7
457	Adiponectin modulates NK-cell function. <i>European Journal of Immunology</i> , 2013 , 43, 1024-33	6.1	32
456	To be, or not to be immunocompetent. <i>Critical Care</i> , 2013 , 17, 185	10.8	4
455	Inactivated Orf virus (Parapoxvirus ovis) elicits antifibrotic activity in models of liver fibrosis. <i>Hepatology Research</i> , 2013 , 43, 535-46	5.1	9
454	Doublets pretending to be CD34+ T cells despite doublet exclusion. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013 , 83, 173-6	4.6	11
453	Good Manufacturing Practices (GMP) manufacturing of advanced therapy medicinal products: a novel tailored model for optimizing performance and estimating costs. <i>Cytotherapy</i> , 2013 , 15, 362-83	4.8	44

452	Prospective assessment of antidonor cellular alloreactivity is a tool for guidance of immunosuppression in kidney transplantation. <i>Kidney International</i> , 2013 , 84, 1226-36	9.9	49
451	Standardization of whole blood immune phenotype monitoring for clinical trials: panels and methods from the ONE study. <i>Transplantation Research</i> , 2013 , 2, 17		147
450	Therapeutic immunomodulation using a virus--the potential of inactivated orf virus. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2013 , 32, 451-60	5.3	22
449	Generation of highly effective and stable murine alloreactive Treg cells by combined anti-CD4 mAb, TGF- β and RA treatment. <i>European Journal of Immunology</i> , 2013 , 43, 3291-305	6.1	18
448	HCMV-specific T-cell therapy: do not forget supply of help. <i>Journal of Immunotherapy</i> , 2013 , 36, 93-101	5	12
447	Immunomodulatory effects of mesenchymal stromal cells revisited in the context of inflammatory cardiomyopathy. <i>Stem Cells International</i> , 2013 , 2013, 353097	5	12
446	Cross-validation of IFN- γ Elispot assay for measuring alloreactive memory/effector T cell responses in renal transplant recipients. <i>American Journal of Transplantation</i> , 2013 , 13, 1880-90	8.7	72
445	Expansion of memory-type CD8+ T cells correlates with the failure of early immunosuppression withdrawal after cadaver liver transplantation using high-dose ATG induction and rapamycin. <i>Transplantation</i> , 2013 , 96, 306-15	1.8	34
444	B-cell-related biomarkers of tolerance are up-regulated in rejection-free kidney transplant recipients. <i>Transplantation</i> , 2013 , 95, 148-54	1.8	60
443	Inactivated ORF virus shows antifibrotic activity and inhibits human hepatitis B virus (HBV) and hepatitis C virus (HCV) replication in preclinical models. <i>PLoS ONE</i> , 2013 , 8, e74605	3.7	12
442	Cyclosporin A and tacrolimus reduce T-cell polyfunctionality but not interferon- γ responses directed at cytomegalovirus. <i>Immunology</i> , 2012 , 136, 408-13	7.8	11
441	Cytomegalovirus-specific regulatory and effector T cells share TCR clonality--possible relation to repetitive CMV infections. <i>American Journal of Transplantation</i> , 2012 , 12, 669-81	8.7	31
440	A NOVel ELISPOT assay to quantify HLA-specific B cells in HLA-immunized individuals. <i>American Journal of Transplantation</i> , 2012 , 12, 1469-78	8.7	57
439	Permanent CNI treatment for prevention of renal allograft rejection in sensitized hosts can be replaced by regulatory T cells. <i>American Journal of Transplantation</i> , 2012 , 12, 2384-94	8.7	25
438	Exploring the potential of low doses carbon monoxide as therapy in pregnancy complications. <i>Medical Gas Research</i> , 2012 , 2, 4	2.2	26
437	Induction of allograft tolerance by monoclonal CD3 antibodies: a matter of timing. <i>American Journal of Transplantation</i> , 2012 , 12, 2909-19	8.7	44
436	Low-dose cyclosporine mediates donor hyporesponsiveness in a fully mismatched rat kidney transplant model. <i>Transplant Immunology</i> , 2012 , 26, 176-85	1.7	5
435	Association of TLR3-hyporesponsiveness and functional TLR3 L412F polymorphism with recurrent herpes labialis. <i>Human Immunology</i> , 2012 , 73, 844-51	2.3	22

434	Immune responses after acute ischemic stroke or myocardial infarction. <i>International Journal of Cardiology</i> , 2012 , 155, 372-7	3.2	43
433	Absolute and functional iron deficiency in professional athletes during training and recovery. <i>International Journal of Cardiology</i> , 2012 , 156, 186-91	3.2	50
432	Studies on bacterial endotoxin and intestinal absorption function in patients with chronic heart failure. <i>International Journal of Cardiology</i> , 2012 , 157, 80-5	3.2	134
431	The phenotypic distribution and functional profile of tuberculin-specific CD4 T-cells characterizes different stages of TB infection. <i>Cytometry Part B - Clinical Cytometry</i> , 2012 , 82, 360-8	3.4	15
430	Ursodeoxycholic acid in patients with chronic heart failure: a double-blind, randomized, placebo-controlled, crossover trial. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 585-92	15.1	51
429	Crosstalk between immune cells and mesenchymal stromal cells in a 3D bioreactor system. <i>International Journal of Artificial Organs</i> , 2012 , 35, 986-95	1.9	11
428	CCN1: a novel inflammation-regulated biphasic immune cell migration modulator. <i>Cellular and Molecular Life Sciences</i> , 2012 , 69, 3101-13	10.3	38
427	Crosstalk between Immune Cells and Mesenchymal Stromal Cells in a 3D Bioreactor System. <i>International Journal of Artificial Organs</i> , 2012 , 35, 986-995	1.9	13
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4	In severe COVID-19, SARS-CoV-2 induces a chronic, TGF- β -dominated adaptive immune response		6
3	High prevalence of <i>S. pyogenes</i> Cas9-specific T cell sensitization within the adult human population [A balanced effector/regulatory T cell response		5

- 2 Placental-expanded, mesenchymal cells improve muscle function following hip arthroplasty 3
- 1 A functional corona around extracellular vesicles enhances angiogenesis during skin regeneration and signals in immune cells 4