

David Klatzmann

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231
papers

14,322
citations

59
h-index

115
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246
ext. papers

16,333
ext. citations

8.1
avg, IF

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L-index

#	Paper	IF	Citations
231	T-lymphocyte T4 molecule behaves as the receptor for human retrovirus LAV. <i>Nature</i> , 1984 , 312, 767-8	50.4	2166
230	Natural regulatory T cells control the development of atherosclerosis in mice. <i>Nature Medicine</i> , 2006 , 12, 178-80	50.5	786
229	CD4(+)CD25(+) immunoregulatory T Cells: new therapeutics for graft-versus-host disease. <i>Journal of Experimental Medicine</i> , 2002 , 196, 401-6	16.6	584
228	Regulatory T-cell responses to low-dose interleukin-2 in HCV-induced vasculitis. <i>New England Journal of Medicine</i> , 2011 , 365, 2067-77	59.2	544
227	Continuous activation of autoreactive CD4+ CD25+ regulatory T cells in the steady state. <i>Journal of Experimental Medicine</i> , 2003 , 198, 737-46	16.6	438
226	Recipient-type specific CD4+CD25+ regulatory T cells favor immune reconstitution and control graft-versus-host disease while maintaining graft-versus-leukemia. <i>Journal of Clinical Investigation</i> , 2003 , 112, 1688-96	15.9	373
225	The promise of low-dose interleukin-2 therapy for autoimmune and inflammatory diseases. <i>Nature Reviews Immunology</i> , 2015 , 15, 283-94	36.5	355
224	A novel dendritic cell subset involved in tumor immunosurveillance. <i>Nature Medicine</i> , 2006 , 12, 214-9	50.5	340
223	Bone marrow mesenchymal stem cells suppress lymphocyte proliferation in vitro but fail to prevent graft-versus-host disease in mice. <i>Journal of Immunology</i> , 2006 , 176, 7761-7	5.3	324
222	IL-2 reverses established type 1 diabetes in NOD mice by a local effect on pancreatic regulatory T cells. <i>Journal of Experimental Medicine</i> , 2010 , 207, 1871-8	16.6	310
221	Low-dose interleukin 2 in patients with type 1 diabetes: a phase 1/2 randomised, double-blind, placebo-controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2013 , 1, 295-305	18.1	269
220	A phase I/II study of herpes simplex virus type 1 thymidine kinase "suicide" gene therapy for recurrent glioblastoma. Study Group on Gene Therapy for Glioblastoma. <i>Human Gene Therapy</i> , 1998 , 9, 2595-604	4.8	223
219	CD4+CD25+ regulatory T-cell deficiency in patients with hepatitis C-mixed cryoglobulinemia vasculitis. <i>Blood</i> , 2004 , 103, 3428-30	2.2	179
218	Immunological and clinical effects of low-dose interleukin-2 across 11 autoimmune diseases in a single, open clinical trial. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 209-217	2.4	163
217	Regulatory T cells in the treatment of disease. <i>Nature Reviews Drug Discovery</i> , 2018 , 17, 823-844	64.1	154
216	Critical role of IL-21 in modulating TH17 and regulatory T cells in Behçet disease. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 128, 655-64	11.5	148
215	Low-dose interleukin-2 fosters a dose-dependent regulatory T cell tuned milieu in T1D patients. <i>Journal of Autoimmunity</i> , 2015 , 58, 48-58	15.5	145

214	Pathogenic T cells have a paradoxical protective effect in murine autoimmune diabetes by boosting Tregs. <i>Journal of Clinical Investigation</i> , 2010 , 120, 4558-68	15.9	133
213	CD4+CD25+ regulatory/suppressor T cells prevent allogeneic fetus rejection in mice. <i>Immunology Letters</i> , 2006 , 102, 106-9	4.1	127
212	Anticancer immunotherapy by CTLA-4 blockade: obligatory contribution of IL-2 receptors and negative prognostic impact of soluble CD25. <i>Cell Research</i> , 2015 , 25, 208-24	24.7	126
211	Human and Mouse CD8(+)CD25(+)FOXP3(+) Regulatory T Cells at Steady State and during Interleukin-2 Therapy. <i>Frontiers in Immunology</i> , 2015 , 6, 171	8.4	121
210	A "distant" bystander effect of suicide gene therapy: regression of nontransduced tumors together with a distant transduced tumor. <i>Human Gene Therapy</i> , 1997 , 8, 1807-14	4.8	120
209	Ex vivo-expanded CD4+CD25+ immunoregulatory T cells prevent graft-versus-host-disease by inhibiting activation/differentiation of pathogenic T cells. <i>Journal of Immunology</i> , 2006 , 176, 1266-73	5.3	118
208	Phase I study of dystrophin plasmid-based gene therapy in Duchenne/Becker muscular dystrophy. <i>Human Gene Therapy</i> , 2004 , 15, 1065-76	4.8	118
207	Ontogeny of CD4+CD25+ regulatory/suppressor T cells in human fetuses. <i>Blood</i> , 2005 , 105, 4715-21	2.2	117
206	Selective IL-2 responsiveness of regulatory T cells through multiple intrinsic mechanisms supports the use of low-dose IL-2 therapy in type 1 diabetes. <i>Diabetes</i> , 2015 , 64, 2172-83	0.9	112
205	Behçet disease pathophysiology: a contemporary review. <i>Autoimmunity Highlights</i> , 2016 , 7, 4	3.7	112
204	Interleukin-21 modulates Th1 and Th17 responses in giant cell arteritis. <i>Arthritis and Rheumatism</i> , 2012 , 64, 2001-11		111
203	Lymphadenopathy-associated viral antibody in AIDS. Immune correlations and definition of a carrier state. <i>New England Journal of Medicine</i> , 1984 , 311, 1269-73	59.2	108
202	A prime-boost strategy using virus-like particles pseudotyped for HCV proteins triggers broadly neutralizing antibodies in macaques. <i>Science Translational Medicine</i> , 2011 , 3, 94ra71	17.5	107
201	Estrogen-mediated downregulation of AIRE influences sexual dimorphism in autoimmune diseases. <i>Journal of Clinical Investigation</i> , 2016 , 126, 1525-37	15.9	105
200	Accelerated Achilles tendon healing by PDGF gene delivery with mesoporous silica nanoparticles. <i>Biomaterials</i> , 2010 , 31, 5237-45	15.6	93
199	Restoration of peripheral immune homeostasis after rituximab in mixed cryoglobulinemia vasculitis. <i>Blood</i> , 2008 , 111, 5334-41	2.2	88
198	T follicular helper and T follicular regulatory cells have different TCR specificity. <i>Nature Communications</i> , 2017 , 8, 15067	17.4	87
197	In vivo mature immunological synapses forming SMACs mediate clearance of virally infected astrocytes from the brain. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2095-107	16.6	87

196	Tumor emergence is sensed by self-specific CD44hi memory Tregs that create a dominant tolerogenic environment for tumors in mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 2648-62	15.9	84
195	Interleukin 21 correlates with T cell and B cell subset alterations in systemic lupus erythematosus. <i>Journal of Rheumatology</i> , 2012 , 39, 1819-28	4.1	82
194	Prevention of Graft-Versus-Host Disease in Mice Using a Suicide Gene Expressed in T Lymphocytes. <i>Blood</i> , 1997 , 89, 4636-4645	2.2	81
193	Self-specific memory regulatory T cells protect embryos at implantation in mice. <i>Journal of Immunology</i> , 2013 , 191, 2273-81	5.3	79
192	Severe perturbations of the blood T cell repertoire in polymyositis, but not dermatomyositis patients. <i>Journal of Immunology</i> , 2001 , 167, 3521-9	5.3	78
191	Paracrine effect of regulatory T cells promotes cardiomyocyte proliferation during pregnancy and after myocardial infarction. <i>Nature Communications</i> , 2018 , 9, 2432	17.4	76
190	Cross-reactivity between tumor MHC class I-restricted antigens and an enterococcal bacteriophage. <i>Science</i> , 2020 , 369, 936-942	33.3	74
189	CD4+CD25+ regulatory T cell depletion improves the graft-versus-tumor effect of donor lymphocytes after allogeneic hematopoietic stem cell transplantation. <i>Science Translational Medicine</i> , 2010 , 2, 41ra52	17.5	72
188	Replicative retroviral vectors for cancer gene therapy. <i>Cancer Gene Therapy</i> , 2003 , 10, 30-9	5.4	71
187	T cells lack IL-2R β but express decoy IL-1R2 and IL-1Ra and suppress the IL-1-dependent activation of T cells. <i>Science Immunology</i> , 2017 , 2,	2.8	68
186	Regulatory and effector T cell activation levels are prime determinants of in vivo immune regulation. <i>Journal of Immunology</i> , 2006 , 177, 2167-74	5.3	68
185	Interleukin-5-producing group 2 innate lymphoid cells control eosinophilia induced by interleukin-2 therapy. <i>Blood</i> , 2014 , 124, 3572-6	2.2	67
184	Regulatory T-cells in pregnancy: historical perspective, state of the art, and burning questions. <i>Frontiers in Immunology</i> , 2014 , 5, 389	8.4	67
183	Intranasal DNA vaccination induces potent mucosal and systemic immune responses and cross-protective immunity against influenza viruses. <i>Molecular Therapy</i> , 2011 , 19, 602-11	11.7	67
182	Expansion of functionally anergic CD21-/low marginal zone-like B cell clones in hepatitis C virus infection-related autoimmunity. <i>Journal of Immunology</i> , 2011 , 187, 6550-63	5.3	67
181	Dendritic cells route human immunodeficiency virus to lymph nodes after vaginal or intravenous administration to mice. <i>Journal of Virology</i> , 1998 , 72, 7822-9	6.6	66
180	Direct-Acting Antiviral Therapy Restores Immune Tolerance to Patients With Hepatitis C Virus-Induced Cryoglobulinemia Vasculitis. <i>Gastroenterology</i> , 2017 , 152, 2052-2062.e2	13.3	64
179	A phase I trial of adeno-associated virus serotype 1- β -galactosidase gene therapy for limb girdle muscular dystrophy type 2C. <i>Brain</i> , 2012 , 135, 483-92	11.2	64

178	Role of regulatory T cells in a new mouse model of experimental autoimmune myositis. <i>American Journal of Pathology</i> , 2009 , 174, 989-98	5.8	64
177	T cells and autoimmune kidney disease. <i>Nature Reviews Nephrology</i> , 2017 , 13, 329-343	14.9	63
176	Reproducibility and Reuse of Adaptive Immune Receptor Repertoire Data. <i>Frontiers in Immunology</i> , 2017 , 8, 1418	8.4	63
175	Interleukin-2 improves amyloid pathology, synaptic failure and memory in Alzheimer® disease mice. <i>Brain</i> , 2017 , 140, 826-842	11.2	60
174	Molecular signatures of neural connectivity in the olfactory cortex. <i>Nature Communications</i> , 2016 , 7, 12238	17.4	59
173	Specific transgene expression in human and mouse CD4+ cells using lentiviral vectors with regulatory sequences from the CD4 gene. <i>Blood</i> , 2003 , 101, 3416-23	2.2	59
172	TGF- and VEGF cooperatively control the immunotolerant tumor environment and the efficacy of cancer immunotherapies. <i>JCI Insight</i> , 2016 , 1, e85974	9.9	59
171	Regulatory T cells prevent CD8 T cell maturation by inhibiting CD4 Th cells at tumor sites. <i>Journal of Immunology</i> , 2007 , 179, 4969-78	5.3	58
170	Shared blood and muscle CD8+ T-cell expansions in inclusion body myositis. <i>Brain</i> , 2006 , 129, 986-95	11.2	57
169	Comprehensive assessment and mathematical modeling of T cell population dynamics and homeostasis. <i>Journal of Immunology</i> , 2008 , 180, 2240-50	5.3	54
168	B- and T-cell subpopulations in patients with severe idiopathic membranous nephropathy may predict an early response to rituximab. <i>Kidney International</i> , 2017 , 92, 227-237	9.9	53
167	Enveloped virus-like particle expression of human cytomegalovirus glycoprotein B antigen induces antibodies with potent and broad neutralizing activity. <i>Vaccine Journal</i> , 2014 , 21, 174-80		52
166	Effect of intracoronary administration of AAV1/SERCA2a on ventricular remodelling in patients with advanced systolic heart failure: results from the AGENT-HF randomized phase 2 trial. <i>European Journal of Heart Failure</i> , 2017 , 19, 1534-1541	12.3	50
165	Retrovirus-mediated gene transfer into T cells: 95% transduction efficiency without further in vitro selection. <i>Human Gene Therapy</i> , 2000 , 11, 1189-200	4.8	50
164	High diversity of the immune repertoire in humanized NOD.SCID.gamma c-/- mice. <i>European Journal of Immunology</i> , 2009 , 39, 2136-45	6.1	49
163	Efficient oral vaccination by bioengineering virus-like particles with protozoan surface proteins. <i>Nature Communications</i> , 2019 , 10, 361	17.4	48
162	High-level gene transfer to cord blood progenitors using gibbon ape leukemia virus pseudotype retroviral vectors and an improved clinically applicable protocol. <i>Human Gene Therapy</i> , 1998 , 9, 225-34	4.8	48
161	Th1 response and systemic treg deficiency in inclusion body myositis. <i>PLoS ONE</i> , 2014 , 9, e88788	3.7	46

160	DNA vaccines encoding retrovirus-based virus-like particles induce efficient immune responses without adjuvant. <i>Vaccine</i> , 2006 , 24, 2643-55	4.1	46
159	A Phase I/II Dose-Escalation Study of Herpes Simplex Virus Type 1 Thymidine Kinase "Suicide" Gene Therapy for Metastatic Melanoma. <i>Human Gene Therapy</i> , 1998 , 9, 2585-2594	4.8	46
158	Use of replication-competent retroviral vectors in an immunocompetent intracranial glioma model. <i>Neurosurgical Focus</i> , 2006 , 20, E25	4.2	44
157	Beyond oncolytic virotherapy: replication-competent retrovirus vectors for selective and stable transduction of tumors. <i>Current Gene Therapy</i> , 2005 , 5, 655-67	4.3	42
156	Division rate and phenotypic differences discriminate alloreactive and nonalloreactive T cells transferred in lethally irradiated mice. <i>Blood</i> , 2001 , 98, 3156-8	2.2	41
155	Therapeutic potential of self-antigen-specific CD4+ CD25+ regulatory T cells selected in vitro from a polyclonal repertoire. <i>European Journal of Immunology</i> , 2006 , 36, 817-27	6.1	40
154	A phase I/II dose-escalation study of herpes simplex virus type 1 thymidine kinase "suicide" gene therapy for metastatic melanoma. Study Group on Gene Therapy of Metastatic Melanoma. <i>Human Gene Therapy</i> , 1998 , 9, 2585-94	4.8	40
153	Replication-competent vectors and empty virus-like particles: new retroviral vector designs for cancer gene therapy or vaccines. <i>Molecular Therapy</i> , 2007 , 15, 457-66	11.7	39
152	Human CD90 identifies Th17/Tc17 T cell subsets that are depleted in HIV-infected patients. <i>Journal of Immunology</i> , 2012 , 188, 981-91	5.3	38
151	Lentiviral transduction of human hematopoietic cells by HIV-1- and SIV-based vectors containing a bicistronic cassette driven by various internal promoters. <i>Journal of Gene Medicine</i> , 2005 , 7, 1158-71	3.5	38
150	High level of retrovirus-mediated gene transfer into dendritic cells derived from cord blood and mobilized peripheral blood CD34+ cells. <i>Human Gene Therapy</i> , 1999 , 10, 175-87	4.8	38
149	High-resolution repertoire analysis reveals a major bystander activation of Tfh and Tfr cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9604-9609	11.5	38
148	Massive expansion of regulatory T-cells following interleukin 2 treatment during a phase I-II dendritic cell-based immunotherapy of metastatic renal cancer. <i>International Journal of Oncology</i> , 2009 , 35, 569-81	1	37
147	Predominance of type 1 (Th1) cytokine production in the liver of patients with HCV-associated mixed cryoglobulinemia vasculitis. <i>Journal of Hepatology</i> , 2004 , 41, 1031-7	13.4	37
146	Induction of antigen-specific tolerance by intrathymic injection of lentiviral vectors. <i>Blood</i> , 2006 , 108, 2972-8	2.2	36
145	Long-term persistence of clonally expanded T cells in patients with polymyositis. <i>Annals of Neurology</i> , 2004 , 56, 867-72	9.4	36
144	Gene therapy for metastatic malignant melanoma: evaluation of tolerance to intratumoral injection of cells producing recombinant retroviruses carrying the herpes simplex virus type 1 thymidine kinase gene, to be followed by ganciclovir administration. <i>Human Gene Therapy</i> , 1996 , 7, 255-67	4.8	36
143	Benchmarking of T cell receptor repertoire profiling methods reveals large systematic biases. <i>Nature Biotechnology</i> , 2021 , 39, 236-245	44.5	35

142	Minimum Information about T Regulatory Cells: A Step toward Reproducibility and Standardization. <i>Frontiers in Immunology</i> , 2017 , 8, 1844	8.4	34
141	Sustained stimulation and expansion of Tregs by IL2 control autoimmunity without impairing immune responses to infection, vaccination and cancer. <i>Clinical Immunology</i> , 2014 , 151, 114-26	9	34
140	Correlation of clinical and virologic responses to antiviral treatment and regulatory T cell evolution in patients with hepatitis C virus-induced mixed cryoglobulinemia vasculitis. <i>Arthritis and Rheumatism</i> , 2008 , 58, 2897-907		33
139	Would suicide gene therapy solve the T-cell dilemma of allogeneic bone marrow transplantation?. <i>Trends in Immunology</i> , 1999 , 20, 172-6		33
138	In vivo correction of ZAP-70 immunodeficiency by intrathymic gene transfer. <i>Journal of Clinical Investigation</i> , 2005 , 115, 2287-95	15.9	33
137	Targeting JAK/STAT pathway in Takayasu arteritis. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 951-959	2.4	32
136	Recombinant retrovirus-like particle forming DNA vaccines in prime-boost immunization and their use for hepatitis C virus vaccine development. <i>Journal of Gene Medicine</i> , 2009 , 11, 313-25	3.5	31
135	Initial depletion of regulatory T cells: the missing solution to preserve the immune functions of T lymphocytes designed for cell therapy. <i>Blood</i> , 2006 , 107, 381-8	2.2	30
134	Low-Dose IL-2 Induces Regulatory T Cell-Mediated Control of Experimental Food Allergy. <i>Journal of Immunology</i> , 2016 , 197, 188-98	5.3	29
133	DNA vaccines expressing retrovirus-like particles are efficient immunogens to induce neutralizing antibodies. <i>Vaccine</i> , 2009 , 27, 5772-80	4.1	29
132	Fertile homozygous transgenic mice expressing a functional truncated herpes simplex thymidine kinase delta TK gene. <i>Transgenic Research</i> , 1998 , 7, 321-30	3.3	29
131	Narcolepsy Type 1 Is Associated with a Systemic Increase and Activation of Regulatory T Cells and with a Systemic Activation of Global T Cells. <i>PLoS ONE</i> , 2017 , 12, e0169836	3.7	29
130	Immune checkpoint inhibitor-induced myositis, the earliest and most lethal complication among rheumatic and musculoskeletal toxicities. <i>Autoimmunity Reviews</i> , 2020 , 19, 102586	13.6	28
129	Epigenetic regulations in the IFN signaling pathway: IFN mediated MHC class I upregulation on tumour cells is associated with DNA demethylation of antigen-presenting machinery genes. <i>Oncotarget</i> , 2014 , 5, 6923-35	3.3	28
128	Polyclonal expansion of TCR Vbeta 21.3 CD4 and CD8 T cells is a hallmark of Multisystem Inflammatory Syndrome in Children. <i>Science Immunology</i> , 2021 , 6,	28	28
127	The early pregnancy placenta foreshadows DNA methylation alterations of solid tumors. <i>Epigenetics</i> , 2017 , 12, 793-803	5.7	27
126	Regulatory T cells control uveoretinitis induced by pathogenic Th1 cells reacting to a specific retinal neoantigen. <i>Journal of Immunology</i> , 2006 , 176, 7171-9	5.3	27
125	Deep phenotyping of immune cell populations by optimized and standardized flow cytometry analyses. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018 , 93, 793-802	4.6	26

124	A standardized flow cytometry procedure for the monitoring of regulatory T cells in clinical trials. <i>Cytometry Part B - Clinical Cytometry</i> , 2018 , 94, 621-626	3.4	25
123	Phase I clinical trial combining imatinib mesylate and IL-2: HLA-DR NK cell levels correlate with disease outcome. <i>OncolImmunology</i> , 2013 , 2, e23080	7.2	24
122	Turning immunological memory into amnesia by depletion of dividing T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 15017-22	11.5	24
121	Graft-versus-leukemia effect after suicide-gene-mediated control of graft-versus-host disease. <i>Blood</i> , 2002 , 100, 2020-5	2.2	24
120	Suicide gene-mediated modulation of graft-versus-host disease. <i>Leukemia and Lymphoma</i> , 1999 , 34, 473-80	2.2	24
119	Ganciclovir-sensitive acute graft-versus-host disease in mice receiving herpes simplex virus-thymidine kinase-expressing donor T cells in a bone marrow transplantation setting. <i>Transplantation</i> , 2000 , 69, 503-8	1.8	24
118	Beneficial role of rapamycin in experimental autoimmune myositis. <i>PLoS ONE</i> , 2013 , 8, e74450	3.7	23
117	IL-10-secreting T cells from HIV-infected pregnant women downregulate HIV-1 replication: effect enhanced by antiretroviral treatment. <i>Aids</i> , 2009 , 23, 9-18	3.5	22
116	In situ gene transfer into animal tendons by injection of naked DNA and electrotransfer. <i>Journal of Gene Medicine</i> , 2003 , 5, 618-24	3.5	22
115	Suicide gene therapy of graft-versus-host disease: immune reconstitution with transplanted mature T cells. <i>Blood</i> , 2001 , 98, 2071-6	2.2	22
114	Interleukin 2 in the pathogenesis and therapy of type 1 diabetes. <i>Current Diabetes Reports</i> , 2014 , 14, 553	5.6	21
113	Recombinant retrovirus-derived virus-like particle-based vaccines induce hepatitis C virus-specific cellular and neutralizing immune responses in mice. <i>Vaccine</i> , 2013 , 31, 1540-7	4.1	21
112	A Phase I/II Study of Herpes Simplex Virus Type 1 Thymidine Kinase "Suicide" Gene Therapy for Recurrent Glioblastoma. <i>Human Gene Therapy</i> , 1998 , 9, 2595-2604	4.8	21
111	Expression of a Tat-inducible herpes simplex virus-thymidine kinase gene protects acyclovir-treated CD4 cells from HIV-1 spread by conditional suicide and inhibition of reverse transcription. <i>Virology</i> , 1995 , 206, 495-503	3.6	21
110	Regulatory T Cells As Supporters of Psychoimmune Resilience: Toward Immunotherapy of Major Depressive Disorder. <i>Frontiers in Neurology</i> , 2018 , 9, 167	4.1	20
109	The proatherogenic role of T cells requires cell division and is dependent on the stage of the disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 353-8	9.4	20
108	Importance, mechanisms and limitations of the distant bystander effect in cancer gene therapy of experimental liver tumors. <i>Cancer Letters</i> , 2002 , 179, 59-69	9.9	20
107	TCR sequences and tissue distribution discriminate the subsets of naïve and activated/memory Treg cells in mice. <i>European Journal of Immunology</i> , 2015 , 45, 1524-34	6.1	19

106	Regulatory T cell content in the bone marrow graft does not predict the occurrence of acute GVHD. <i>Biology of Blood and Marrow Transplantation</i> , 2011 , 17, 265-9	4.7	19
105	GFP-transduced CD34+ and Lin- CD34- hematopoietic stem cells did not adopt a cardiac phenotype in a nonhuman primate model of myocardial infarct. <i>Experimental Hematology</i> , 2007 , 35, 653-61	3.1	19
104	Clinical-grade preparation of human natural regulatory T-cells encoding the thymidine kinase suicide gene as a safety gene. <i>Journal of Gene Medicine</i> , 2008 , 10, 834-46	3.5	19
103	Ex vivo selection of recipient-type alloantigen-specific CD4(+)CD25(+) immunoregulatory T cells for the control of graft-versus-host disease after allogeneic hematopoietic stem-cell transplantation. <i>Transplantation</i> , 2004 , 77, S32-4	1.8	19
102	Gene Therapy for Glioblastoma in Adult Patients: Safety and Efficacy Evaluation of an In Situ Injection of Recombinant Retroviruses Producing Cells Carrying the Thymidine Kinase Gene of the Herpes Simplex Type 1 Virus, to be Followed with the Administration of Ganciclovir. Laboratoire Immunologie B, Hôpital Pitié-Salpêtrière, Paris Cedex, France. <i>Human Gene Therapy</i> , 1996 , 7, 109-126	4.8	19
101	Functional expression of the CD4 protein after cross-linking to red blood cells with a bifunctional reagent. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1991 , 1062, 39-45	3.8	18
100	Treatment of Uveitis by In Situ Administration of Ex Vivo-Activated Polyclonal Regulatory T Cells. <i>Journal of Immunology</i> , 2016 , 196, 2109-18	5.3	17
99	Virus-like particle-based vaccines against hepatitis C virus infection. <i>Expert Review of Vaccines</i> , 2013 , 12, 143-54	5.2	17
98	Efficacy of DNA vaccines forming e7 recombinant retroviral virus-like particles for the treatment of human papillomavirus-induced cancers. <i>Human Gene Therapy</i> , 2013 , 24, 533-44	4.8	17
97	Preservation of graft-versus-infection effects after suicide gene therapy for prevention of graft-versus-host disease. <i>Human Gene Therapy</i> , 2000 , 11, 2473-81	4.8	17
96	Liposomal encapsulation of ganciclovir enhances the efficacy of herpes simplex virus type 1 thymidine kinase suicide gene therapy against hepatic tumors in rats. <i>Human Gene Therapy</i> , 1999 , 10, 1545-51	4.8	17
95	Low-dose IL-2 in children with recently diagnosed type 1 diabetes: a Phase I/II randomised, double-blind, placebo-controlled, dose-finding study. <i>Diabetologia</i> , 2020 , 63, 1808-1821	10.3	16
94	Calpains Released by T Lymphocytes Cleave TLR2 To Control IL-17 Expression. <i>Journal of Immunology</i> , 2016 , 196, 168-81	5.3	16
93	Highly active antiretroviral therapy corrects hematopoiesis in HIV-1 infected patients: interest for peripheral blood stem cell-based gene therapy. <i>Aids</i> , 2003 , 17, 563-74	3.5	16
92	Prolonged allograft survival through conditional and specific ablation of alloreactive T cells expressing a suicide gene. <i>Transplantation</i> , 2000 , 69, 2154-61	1.8	16
91	Reply: Beneficial effect of interleukin-2-based immunomodulation in Alzheimer-like pathology. <i>Brain</i> , 2017 , 140, e40	11.2	15
90	Interleukin-1 in the Response of Follicular Helper and Follicular Regulatory T Cells. <i>Frontiers in Immunology</i> , 2019 , 10, 250	8.4	15
89	Neutrophil-Platelet and Monocyte-Platelet Aggregates in COVID-19 Patients. <i>Thrombosis and Haemostasis</i> , 2020 , 120, 1733-1735	7	15

88	Retrovirus-Based Virus-Like Particle Immunogenicity and Its Modulation by Toll-Like Receptor Activation. <i>Journal of Virology</i> , 2017 , 91,	6.6	15
87	Serum biomarker signature identifies patients with B-cell non-Hodgkin lymphoma associated with cryoglobulinemia vasculitis in chronic HCV infection. <i>Autoimmunity Reviews</i> , 2014 , 13, 319-26	13.6	15
86	Identification of a dominant epitope in the hemagglutinin of an Asian highly pathogenic avian influenza H5N1 clade 1 virus by selection of escape mutants. <i>Avian Diseases</i> , 2010 , 54, 565-71	1.6	15
85	Efficient transduction and selection of human T-lymphocytes with bicistronic Thy1/HSV1-TK retroviral vector produced by a human packaging cell line. <i>Journal of Gene Medicine</i> , 2004 , 6, 374-86	3.5	15
84	CD21(-/low) marginal zone B cells highly express Fc receptor-like 5 protein and are killed by anti-Fc receptor-like 5 immunotoxins in hepatitis C virus-associated mixed cryoglobulinemia vasculitis. <i>Arthritis and Rheumatology</i> , 2014 , 66, 433-43	9.5	14
83	Efficient intrathymic gene transfer following in situ administration of a rAAV serotype 8 vector in mice and nonhuman primates. <i>Molecular Therapy</i> , 2009 , 17, 472-9	11.7	14
82	Early detection of a two-long-terminal-repeat junction molecule in the cytoplasm of recombinant murine leukemia virus-infected cells. <i>Journal of Virology</i> , 2004 , 78, 6190-9	6.6	14
81	Immunological defects after suicide gene therapy of experimental graft-versus-host disease. <i>Human Gene Therapy</i> , 1999 , 10, 2701-7	4.8	14
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