Peter Steinberger

List of Publications by Year
in descending order

107 papers	4,760 citations	81900 39 h-index	110387 64 g-index
112 all docs	112 docs citations	112 times ranked	7557 citing authors

#	Article	IF	Citations
1	Immunosuppressive activity of non-psychoactive Cannabis sativa L. extract on the function of human T lymphocytes. International Immunopharmacology, 2022, 103, 108448.	3.8	10
2	Targeting the HVEM protein using a fragment of glycoprotein D to inhibit formation of the BTLA/HVEM complex. Bioorganic Chemistry, 2022, 122, 105748.	4.1	7
3	<scp>NKG2A</scp>â€checkpoint inhibition and its blockade critically depends on peptides presented by its ligand <scp>HLAâ€E</scp>. Immunology, 2022, 166, 507-521.	4.4	15
4	Attenuation of canonical NFâ€ÎºB signaling maintains function and stability of human Treg. FEBS Journal, 2021, 288, 640-662.	4.7	9
5	4â€1BB costimulation promotes bystander activation of human CD8 TÂcells. European Journal of Immunology, 2021, 51, 721-733.	2.9	15
6	Differentiation and activation of human CD4 T cells is associated with a gradual loss of myelin and lymphocyte protein. European Journal of Immunology, 2021, 51, 848-863.	2.9	7
7	Diacylglycerol kinase Î± inhibition cooperates with PD-1-targeted therapies to restore the T cell activation program. Cancer Immunology, Immunotherapy, 2021, 70, 3277-3289.	4.2	14
8	PDâ€1 blocking antibodies moonlighting as killers. European Journal of Immunology, 2021, 51, 1361-1364.	2.9	4
9	Expression of CD9 on porcine lymphocytes and its relation to T cell differentiation and cytokine production. Developmental and Comparative Immunology, 2021, 121, 104080.	2.3	5
10	Targeted TÂcell receptor gene editing provides predictable TÂcell product function for immunotherapy. Cell Reports Medicine, 2021, 2, 100374.	6.5	30
11	Composite CD79A/CD40 co-stimulatory endodomain enhances CD19CAR-T cell proliferation and survival. Molecular Therapy, 2021, 29, 2677-2690.	8.2	17
12	The soluble cytoplasmic tail of CD45 regulates Tâ€cell activation via TLR4 signaling. European Journal of Immunology, 2021, 51, 3176-3185.	2.9	2
13	A Highly Sensitive Cell-Based TLR Reporter Platform for the Specific Detection of Bacterial TLR Ligands. Frontiers in Immunology, 2021, 12, 817604.	4.8	8
14	Low seroprotection rate for meningococcus serogroupÂC in the adult HIV-1-infected population in Austria. Wiener Klinische Wochenschrift, 2020, 132, 171-175.	1.9	0
15	Artificial T Cell Adaptor Molecule-Transduced TCR-T Cells Demonstrated Improved Proliferation Only When Transduced in a Higher Intensity. Molecular Therapy - Oncolytics, 2020, 18, 613-622.	4.4	6
16	Fragments of gD Protein as Inhibitors of BTLA/HVEM Complex Formation - Design, Synthesis, and Cellular Studies. International Journal of Molecular Sciences, 2020, 21, 8876.	4.1	9
17	Diacylglycerol kinase Î¶ limits IL-2-dependent control of PD-1 expression in tumor-infiltrating T lymphocytes. , 2020, 8, e001521.		10
18	A Tâ€cell reporter platform for highâ€throughput and reliable investigation of TCR function and biology. Clinical and Translational Immunology, 2020, 9, e1216.	3.8	15

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19	Transferrin receptor 1 is a cellular receptor for human heme-albumin. Communications Biology, 2020, 3, 621.	4.4	19
20	A conformation-specific ON-switch for controlling CAR T cells with an orally available drug. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14926-14935.	7.1	59
21	TIMâ€3 and CEACAM1 do not interact in cis and in trans. European Journal of Immunology, 2020, 50, 1126-1141.	2.9	25
22	A New Strategy Toward B Cell-Based Cancer Vaccines by Active Immunization With Mimotopes of Immune Checkpoint Inhibitors. Frontiers in Immunology, 2020, 11, 895.	4.8	18
23	Immunosuppressive Activity of Artemisia argyi Extract and Isolated Compounds. Frontiers in Pharmacology, 2020, 11, 402.	3.5	28
24	Integrated drug profiling and CRISPR screening identify essential pathways for CAR T-cell cytotoxicity. Blood, 2020, 135, 597-609.	1.4	134
25	Iron Deprivation in Human T Cells Induces Nonproliferating Accessory Helper Cells. ImmunoHorizons, 2020, 4, 165-177.	1.8	10
26	519â€…Diacylglycerol kinase Î¶ limits IL-2-dependent control of PD-1 expression in tumor-infiltrating T lymphocytes. , 2020, , .		0
27	Therapeutic PD-L1 antibodies are more effective than PD-1 antibodies in blocking PD-1/PD-L1 signaling. Scientific Reports, 2019, 9, 11472.	3.3	109
28	Development of a Human Cytomegalovirus (HCMV)-Based Therapeutic Cancer Vaccine Uncovers a Previously Unsuspected Viral Block of MHC Class I Antigen Presentation. Frontiers in Immunology, 2019, 10, 1776.	4.8	15
29	Overexpression of PDE4A Acts as Checkpoint Inhibitor Against cAMP-Mediated Immunosuppression in vitro. Frontiers in Immunology, 2019, 10, 1790.	4.8	12
30	Tâ€cellâ€derived cytokines enhance the antigenâ€presenting capacity of human neutrophils. European Journal of Immunology, 2019, 49, 1441-1443.	2.9	14
31	CTLA-4 antibody ipilimumab negatively affects CD4+ T-cell responses in vitro. Cancer Immunology, Immunotherapy, 2019, 68, 1359-1368.	4.2	23
32	B cells sustain inflammation and predict response to immune checkpoint blockade in human melanoma. Nature Communications, 2019, 10, 4186.	12.8	236
33	Neuropilin-1 Acts as a Receptor for Complement Split Products. Frontiers in Immunology, 2019, 10, 2209.	4.8	12
34	Neutrophils promote T-cellâ€“mediated inflammation in allergy. Journal of Allergy and Clinical Immunology, 2019, 143, 1923-1925.e3.	2.9	7
35	Generation of a Jurkat-based fluorescent reporter cell line to evaluate lipid antigen interaction with the human iNKT cell receptor. Scientific Reports, 2019, 9, 7426.	3.3	6
36	Chimeric Antigen Receptor Library Screening Using a Novel NF-ÎºB/NFAT Reporter Cell Platform. Molecular Therapy, 2019, 27, 287-299.	8.2	34

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37	Zip6 Transporter Is an Essential Component of the Lymphocyte Activation Machinery. Journal of Immunology, 2019, 202, 441-450.	0.8	21
38	ILDR2 Is a Novel B7-like Protein That Negatively Regulates T Cell Responses. Journal of Immunology, 2018, 200, 2025-2037.	0.8	26
39	A Jurkat 76 based triple parameter reporter system to evaluate TCR functions and adoptive T cell strategies. Oncotarget, 2018, 9, 17608-17619.	1.8	55
40	Not All Immune Checkpoints Are Created Equal. Frontiers in Immunology, 2018, 9, 1909.	4.8	114
41	PD-1 has a unique capacity to inhibit allergen-specific human CD4+ T cell responses. Scientific Reports, 2018, 8, 13543.	3.3	32
42	Chloroquine inhibits human CD4+ T-cell activation by AP-1 signaling modulation. Scientific Reports, 2017, 7, 42191.	3.3	36
43	Antibodies targeting BTLA or TIM-3 enhance HIV-1 specific T cell responses in combination with PD-1 blockade. Clinical Immunology, 2017, 183, 167-173.	3.2	46
44	The soluble cytoplasmic tail of CD45 (ctâ€CD45) in human plasma contributes to keep T cells in a quiescent state. European Journal of Immunology, 2017, 47, 193-205.	2.9	16
45	PD-1 Blockade Promotes Emerging Checkpoint Inhibitors in Enhancing T Cell Responses to Allogeneic Dendritic Cells. Frontiers in Immunology, 2017, 8, 572.	4.8	59
46	CD28 Blockade Ex Vivo Induces Alloantigen-Specific Immune Tolerance but Preserves T-Cell Pathogen Reactivity. Frontiers in Immunology, 2017, 8, 1152.	4.8	11
47	A human monocytic NF-Î°B fluorescent reporter cell line for detection of microbial contaminants in biological samples. PLoS ONE, 2017, 12, e0178220.	2.5	28
48	A cellular platform for the evaluation of immune checkpoint molecules. Oncotarget, 2017, 8, 64892-64906.	1.8	48
49	Downstream effect profiles discern different mechanisms of integrin Î±LÎ²2 inhibition. Biochemical Pharmacology, 2016, 119, 42-55.	4.4	5
50	Engagement of distinct epitopes on CD 43 induces different coâ€stimulatory pathways in human T cells. Immunology, 2016, 149, 280-296.	4.4	7
51	Creation of an engineered APC system to explore and optimize the presentation of immunodominant peptides of major allergens. Scientific Reports, 2016, 6, 31580.	3.3	22
52	Assessment of costimulation and coinhibition in a triple parameter T cell reporter line: Simultaneous measurement of NF-Î°B, NFAT and AP-1. Journal of Immunological Methods, 2016, 430, 10-20.	1.4	140
53	The tryptophan metabolite picolinic acid suppresses proliferation and metabolic activity of CD4+ T cells and inhibits c-Myc activation. Journal of Leukocyte Biology, 2016, 99, 583-594.	3.3	22
54	Igâ€like transcript 4 as a cellular receptor for soluble complement fragment C4d. FASEB Journal, 2016, 30, 1492-1503.	0.5	23

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55	B7-H3 ameliorates GVHD. Blood, 2015, 125, 3219-3221.	1.4	4
56	CD58/CD2 Is the Primary Costimulatory Pathway in Human CD28â^'CD8+ T Cells. Journal of Immunology, 2015, 195, 477-487.	0.8	79
57	STAT3 governs hyporesponsiveness and granzyme Bâ€dependent suppressive capacity in human CD4 + T cells. FASEB Journal, 2015, 29, 759-771.	0.5	21
58	Azithromycin inhibits IL-1 secretion and non-canonical inflammasome activation. Scientific Reports, 2015, 5, 12016.	3.3	46
59	HLA Antibodies in ATGs. American Journal of Transplantation, 2014, 14, 738-738.	4.7	1
60	Resveratrol enhances TNF-Î± production in human monocytes upon bacterial stimulation. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 95-105.	2.4	43
61	Differential activation of dendritic cells by tollâ€like receptors causes diverse differentiation of naÃ¯ve<scp>CD</scp>4⁺<scp>T</scp>cells from allergic patients. Allergy: European Journal of Allergy and Clinical Immunology, 2014, 69, 1602-1609.	5.7	26
62	Establishment and characterization of a primary and a metastatic melanoma cell line from Grey horses. In Vitro Cellular and Developmental Biology - Animal, 2014, 50, 56-65.	1.5	11
63	CD27 expression discriminates porcine T helper cells with functionally distinct properties. Veterinary Research, 2013, 44, 18.	3.0	82
64	Determination of allergen specificity by heavy chains in grass pollen allergenâ€"specific IgE antibodies. Journal of Allergy and Clinical Immunology, 2013, 131, 1185-1193.e6.	2.9	5
65	A Comprehensive and Quantitative Analysis of the Major Specificities in Rabbit Antithymocyte Globulin Preparations. American Journal of Transplantation, 2013, 13, 3103-3113.	4.7	89
66	TIM-3 Does Not Act as a Receptor for Galectin-9. PLoS Pathogens, 2013, 9, e1003253.	4.7	81
67	Assessment of Batch to Batch Variation in Polyclonal Antithymocyte Globulin Preparations. Transplantation, 2012, 93, 32-40.	1.0	43
68	Notch is active in Langerhans cell histiocytosis and confers pathognomonic features on dendritic cells. Blood, 2012, 120, 5199-5208.	1.4	81
69	Porcine SWC1 is CD52â€"Final determination by the use of a retroviral cDNA expression library. Veterinary Immunology and Immunopathology, 2012, 146, 27-34.	1.2	25
70	Porcine CD27: Identification, expression and functional aspects in lymphocyte subsets in swine. Developmental and Comparative Immunology, 2012, 38, 321-331.	2.3	59
71	Bet v 1â€"specific T-cell receptor/forkhead box protein 3 transgenic T cells suppress Bet v 1â€"specific T-cell effector function in an activation-dependent manner. Journal of Allergy and Clinical Immunology, 2011, 127, 238-245.e3.	2.9	29
72	The effects of Cyclosporine A and azathioprine on human T cells activated by different costimulatory signals. Immunology Letters, 2011, 140, 74-80.	2.5	25

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73	Interaction of Antithymocyte Globulins with Dendritic Cell Antigens. American Journal of Transplantation, 2011, 11, 138-145.	4.7	37
74	The zymogen granule protein 2 (GP2) binds to scavenger receptor expressed on endothelial cells I (SREC-I). Cellular Immunology, 2011, 267, 88-93.	3.0	43
75	Costimulatory signals potently modulate the T cell inhibitory capacity of the therapeutic CD11a antibody Efalizumab. Clinical Immunology, 2011, 139, 199-207.	3.2	10
76	Generation of Human scFv Antibody Libraries: PCR Amplification and Assembly of Light- and Heavy-Chain Coding Sequences. Cold Spring Harbor Protocols, 2011, 2011, pdb.prot065573.	0.3	33
77	Generation of Human Fab Antibody Libraries: PCR Amplification and Assembly of Light- and Heavy-Chain Coding Sequences. Cold Spring Harbor Protocols, 2011, 2011, pdb.prot065565.	0.3	12
78	Identification of PD-1 as a Unique Marker for Failing Immune Reconstitution in HIV-1â€“Infected Patients on Treatment. Journal of Acquired Immune Deficiency Syndromes (1999), 2011, 56, 118-124.	2.1	85
79	Receptors and ligands implicated in human T cell costimulatory processes. Immunology Letters, 2010, 128, 89-97.	2.5	59
80	T cell stimulator cells, an efficient and versatile cellular system to assess the role of costimulatory ligands in the activation of human T cells. Journal of Immunological Methods, 2010, 362, 131-141.	1.4	65
81	Fluorosomes: a convenient new reagent to detect and block multivalent and complex receptorâ€ligand interactions. FASEB Journal, 2010, 24, 1572-1582.	0.5	17
82	Two Newly Diagnosed HLA Class II-Deficient Patients Identified by Rapid Vector-Based Complementation Analysis Reveal Discoordinate Invariant Chain Expression Levels. International Archives of Allergy and Immunology, 2010, 152, 390-400.	2.1	11
83	B7â€H3 is a potent inhibitor of human Tâ€cell activation: No evidence for B7â€H3 and TREML2 interaction. European Journal of Immunology, 2009, 39, 1754-1764.	2.9	231
84	Modulation of allergen-specific T-lymphocyte function by virus-like particles decorated with HLA class II molecules. Journal of Allergy and Clinical Immunology, 2009, 124, 121-128.	2.9	27
85	Allogeneic disparities in immunoglobulin-like transcript 5 induce potent antibody responses in hematopoietic stem cell transplant recipients. Blood, 2009, 114, 2323-2332.	1.4	29
86	The capacity of the TNF family members 4â€1BBL, OX40L, CD70, GITRL, CD30L and LIGHT to costimulate human T cells. European Journal of Immunology, 2008, 38, 2678-2688.	2.9	86
87	Host antimicrobial proteins as endogenous immunomodulators. Immunology Letters, 2008, 119, 4-11.	2.5	50
88	Identification of the scavenger receptors SREC-I, Cla-1 (SR-BI), and SR-AI as cellular receptors for Tamm-Horsfall protein. Journal of Leukocyte Biology, 2008, 83, 131-138.	3.3	33
89	Spatial clustering of the IgE epitopes on the major timothy grass pollen allergen Phl p 1: Importance for allergenic activity. Journal of Allergy and Clinical Immunology, 2006, 117, 1336-1343.	2.9	61
90	No evidence for dualism in function and receptors: PDâ€L2/B7â€DC is an inhibitory regulator of human T cell activation. European Journal of Immunology, 2006, 36, 1104-1113.	2.9	45

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91	Human Rhinoviruses Inhibit the Accessory Function of Dendritic Cells by Inducing Sialoadhesin and B7-H1 Expression. Journal of Immunology, 2005, 175, 1145-1152.	0.8	87
92	Molecular Characterization of Human 4Ig-B7-H3, a Member of the B7 Family with Four Ig-Like Domains. Journal of Immunology, 2004, 172, 2352-2359.	0.8	228
93	CD63 as an Activation-Linked T Cell Costimulatory Element. Journal of Immunology, 2004, 173, 6000-6008.	0.8	66
94	B7-H1 (Programmed Death-1 Ligand) on Dendritic Cells Is Involved in the Induction and Maintenance of T Cell Anergy. Journal of Immunology, 2003, 170, 3637-3644.	0.8	242
95	Conversion of grass pollen allergen-specific human IgE into a protective IgG1 antibody. European Journal of Immunology, 2002, 32, 2156.	2.9	73
96	Identification of human CD93 as the phagocytic C1q receptor (C1qRp) by expression cloning. Journal of Leukocyte Biology, 2002, 71, 133-40.	3.3	45
97	Methods for the generation of chicken monoclonal antibody fragments by phage display. Journal of Immunological Methods, 2000, 242, 159-181.	1.4	193
98	A Human Monoclonal IgE Antibody Defines a Highly Allergenic Fragment of the Major Timothy Grass Pollen Allergen, Phl p 5: Molecular, Immunological, and Structural Characterization of the Epitope-Containing Domain. Journal of Immunology, 2000, 165, 3849-3859.	0.8	77
99	Generation and Characterization of a Recombinant Human CCR5-specific Antibody. Journal of Biological Chemistry, 2000, 275, 36073-36078.	3.4	61
100	Molecular characterization of human IgG monoclonal antibodies specific for the major birch pollen allergen Bet v 1. Antiâ€allergen IgG can enhance the anaphylactic reaction. FEBS Letters, 2000, 465, 39-46.	2.8	56
101	The Immunoglobulin Eâ€“Allergen Interaction: A Target for Therapy of Type IAllergic Diseases. International Archives of Allergy and Immunology, 1998, 116, 167-176.	2.1	28
102	Expression in Escherichia coli of Human IgE Antibody Fragments with Specificity for Major Timothy Grass Pollen Allergens Using the Combinatorial Library Approach. International Archives of Allergy and Immunology, 1997, 113, 258-259.	2.1	2
103	Bip 1, a Monoclonal Antibody with Specificity for the Major Birch Pollen Allergen Bet v 1, Modulates IgE Binding to the Allergen. International Archives of Allergy and Immunology, 1997, 113, 260-261.	2.1	6
104	Immunological and structural similarities among allergens: Prerequisite for a specific and componentâ€based therapy of allergy. Immunology and Cell Biology, 1996, 74, 187-194.	2.3	57
105	Construction of a Combinatorial IgE Library from an Allergic Patient. Journal of Biological Chemistry, 1996, 271, 10967-10972.	3.4	82
106	Molecular and Structural Analysis of a Continuous Birch Profilin Epitope Defined by a Monoclonal Antibody. Journal of Biological Chemistry, 1996, 271, 29915-29921.	3.4	38
107	Molecular characterization ofPhl pII, a major timothy grass (Phleum pratense) pollen allergen. FEBS Letters, 1993, 335, 299-304.	2.8	80