

# Zhenhua Dai

## List of Publications by Year in descending order

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67  
papers

3,083  
citations

159358

30  
h-index

161609

54  
g-index

70  
all docs

70  
docs citations

70  
times ranked

4101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of cigarette smoking on immune responsiveness: Up and down or upside down?. <i>Oncotarget</i> , 2017, 8, 268-284.	0.8	389
2	CD4+CD25+ regulatory T cells suppress allograft rejection mediated by memory CD8+ T cells via a CD30-dependent mechanism. <i>Journal of Clinical Investigation</i> , 2004, 113, 310-317.	3.9	211
3	Recall and propagation of allospecific memory T cells independent of secondary lymphoid organs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 6175-6180.	3.3	149
4	Antitumor effects of immunity-enhancing traditional Chinese medicine. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109570.	2.5	129
5	Cutting Edge: Programmed Death-1 Defines CD8+CD122+ T Cells as Regulatory versus Memory T Cells. <i>Journal of Immunology</i> , 2010, 185, 803-807.	0.4	120
6	Chimeric Antigen Receptor (CAR) Treg: A Promising Approach to Inducing Immunological Tolerance. <i>Frontiers in Immunology</i> , 2018, 9, 2359.	2.2	106
7	Increased expression of unmethylated CDKN2D by 5-aza-2-deoxycytidine in human lung cancer cells. <i>Oncogene</i> , 2001, 20, 7787-7796.	2.6	105
8	Natural CD8+CD122+ T Cells Are More Potent in Suppression of Allograft Rejection Than CD4+CD25+ Regulatory T Cells. <i>American Journal of Transplantation</i> , 2014, 14, 39-48.	2.6	98
9	Testicular Immune Privilege Promotes Transplantation Tolerance by Altering the Balance between Memory and Regulatory T Cells. <i>Journal of Immunology</i> , 2005, 174, 6161-6168.	0.4	95
10	The Dual Role of IL-2 in the Generation and Maintenance of CD8+ Memory T Cells. <i>Journal of Immunology</i> , 2000, 165, 3031-3036.	0.4	83
11	Cutting Edge: Secondary Lymphoid Organs Are Essential for Maintaining the CD4, But Not CD8, Naive T Cell Pool. <i>Journal of Immunology</i> , 2001, 167, 6711-6715.	0.4	75
12	The Allograft Defines the Type of Rejection (Acute versus Chronic) in the Face of an Established Effector Immune Response. <i>Journal of Immunology</i> , 2004, 172, 7813-7820.	0.4	73
13	CD8+CD122+ T-Cells: A Newly Emerging Regulator with Central Memory Cell Phenotypes. <i>Frontiers in Immunology</i> , 2015, 6, 494.	2.2	73
14	Genistein suppresses psoriasis-related inflammation through a STAT3/NF- $\kappa$ B-dependent mechanism in keratinocytes. <i>International Immunopharmacology</i> , 2019, 69, 270-278.	1.7	72
15	The role of cytokines, CTLA-4 and costimulation in transplant tolerance and rejection. <i>Current Opinion in Immunology</i> , 1999, 11, 504-508.	2.4	67
16	Interaction of Programmed Death-1 and Programmed Death-1 Ligand-1 Contributes to Testicular Immune Privilege. <i>Transplantation</i> , 2009, 87, 1778-1786.	0.5	60
17	Emodin <i>via</i> colonic irrigation modulates gut microbiota and reduces uremic toxins in rats with chronic kidney disease. <i>Oncotarget</i> , 2016, 7, 17468-17478.	0.8	59
18	Impaired Recall of CD8 Memory T Cells in Immunologically Privileged Tissue. <i>Journal of Immunology</i> , 2005, 174, 1165-1170.	0.4	57

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19	INTERFERON- $\gamma$ IS NECESSARY FOR INITIATING THE ACUTE REJECTION OF MAJOR HISTOCOMPATIBILITY COMPLEX CLASS II-DISPARATE SKIN ALLOGRAFTS1. <i>Transplantation</i> , 1999, 67, 1362-1365.	0.5	54
20	A naturally occurring CD8 <sup>+</sup> CD122 <sup>+</sup> T-cell subset as a memory-like Treg family. <i>Cellular and Molecular Immunology</i> , 2014, 11, 326-331.	4.8	52
21	REGULATION OF ALLOANTIGEN-MEDIATED T-CELL PROLIFERATION BY ENDOGENOUS INTERFERON- $\gamma$ . <i>Transplantation</i> , 1999, 68, 124-129.	0.5	49
22	Apigenin Mediated Protection of OGD-Evoked Neuron-Like Injury in Differentiated PC12 Cells. <i>Neurochemical Research</i> , 2014, 39, 2197-2210.	1.6	46
23	Suppression of Memory CD8 T Cell Generation and Function by Tryptophan Catabolism. <i>Journal of Immunology</i> , 2007, 178, 4260-4266.	0.4	44
24	Transcription Factor Retinoid-Related Orphan Receptor $\gamma$ : A Promising Target for the Treatment of Psoriasis. <i>Frontiers in Immunology</i> , 2018, 9, 1210.	2.2	41
25	Resveratrol exerts antitumor effects by downregulating CD8 <sup>+</sup> CD122 <sup>+</sup> Tregs in murine hepatocellular carcinoma. <i>Oncolmmunology</i> , 2020, 9, 1829346.	2.1	40
26	Dihydroartemisinin ameliorates psoriatic skin inflammation and its relapse by diminishing CD8 <sup>+</sup> T-cell memory in wild-type and humanized mice. <i>Theranostics</i> , 2020, 10, 10466-10482.	4.6	39
27	The Role for Monocyte Chemoattractant Protein-1 in the Generation and Function of Memory CD8 <sup>+</sup> T Cells. <i>Journal of Immunology</i> , 2008, 180, 2886-2893.	0.4	37
28	Bystander Central Memory but Not Effector Memory CD8 <sup>+</sup> T Cells Suppress Allograft Rejection. <i>Journal of Immunology</i> , 2008, 180, 113-121.	0.4	35
29	Shegan-Mahuang Decoction ameliorates asthmatic airway hyperresponsiveness by downregulating Th2/Th17 cells but upregulating CD4 <sup>+</sup> FoxP3 <sup>+</sup> Tregs. <i>Journal of Ethnopharmacology</i> , 2020, 253, 112656.	2.0	35
30	Esculetin Ameliorates Psoriasis-Like Skin Disease in Mice by Inducing CD4 <sup>+</sup> Foxp3 <sup>+</sup> Regulatory T Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2092.	2.2	34
31	Kaempferol attenuates imiquimod-induced psoriatic skin inflammation in a mouse model. <i>Clinical and Experimental Immunology</i> , 2019, 198, 403-415.	1.1	33
32	A New Immunosuppressive Molecule Emodin Induces both CD4 <sup>+</sup> FoxP3 <sup>+</sup> and CD8 <sup>+</sup> CD122 <sup>+</sup> Regulatory T Cells and Suppresses Murine Allograft Rejection. <i>Frontiers in Immunology</i> , 2017, 8, 1519.	2.2	31
33	Total Glucosides of Paeony Ameliorate Pristane-Induced Lupus Nephritis by Inducing PD-1 ligands+ Macrophages via Activating IL-4/STAT6/PD-L2 Signaling. <i>Frontiers in Immunology</i> , 2021, 12, 683249.	2.2	30
34	Immunosuppressive activity of pogostone on T cells: Blocking proliferation via S phase arrest. <i>International Immunopharmacology</i> , 2015, 26, 328-337.	1.7	29
35	PSORI-CM02 Formula Increases CD4 <sup>+</sup> Foxp3 <sup>+</sup> Regulatory T Cell Frequency and Ameliorates Imiquimod-Induced Psoriasis in Mice. <i>Frontiers in Immunology</i> , 2017, 8, 1767.	2.2	29
36	Neutralizing IL-7 Promotes Long-Term Allograft Survival Induced by CD40/CD40L Costimulatory Blockade. <i>American Journal of Transplantation</i> , 2006, 6, 2851-2860.	2.6	27

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37	Suppression of allograft rejection by CD8+CD122+PD-1+ Tregs is dictated by their Fas ligand-initiated killing of effector T cells versus Fas-mediated own apoptosis. <i>Oncotarget</i> , 2017, 8, 24187-24195.	0.8	26
38	Hyperoside Suppresses Renal Inflammation by Regulating Macrophage Polarization in Mice With Type 2 Diabetes Mellitus. <i>Frontiers in Immunology</i> , 2021, 12, 733808.	2.2	25
39	Cigarette Smoke Exposure Hinders Long-Term Allograft Survival by Suppressing Indoleamine 2, 3-Dioxygenase Expression. <i>American Journal of Transplantation</i> , 2012, 12, 610-619.	2.6	23
40	IgG, IgM and IgA antibodies against the novel polyprotein in active tuberculosis. <i>BMC Infectious Diseases</i> , 2014, 14, 336.	1.3	22
41	Betulinic acid suppresses Th17 response and ameliorates psoriasis-like murine skin inflammation. <i>International Immunopharmacology</i> , 2019, 73, 343-352.	1.7	20
42	ALLOANTIGEN-DRIVEN T CELL DEATH MEDIATED BY FAS LIGAND AND TUMOR NECROSIS FACTOR-?? IS NOT ESSENTIAL FOR THE INDUCTION OF ALLOGRAFT ACCEPTANCE1. <i>Transplantation</i> , 2000, 69, 2428-2432.	0.5	19
43	Mangiferin Attenuates Murine Lupus Nephritis by Inducing CD4+Foxp3+ Regulatory T Cells via Suppression of mTOR Signaling. <i>Cellular Physiology and Biochemistry</i> , 2018, 50, 1560-1573.	1.1	18
44	Emerging Perspectives of RNA N6-methyladenosine (m6A) Modification on Immunity and Autoimmune Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 630358.	2.2	18
45	Kaempferol Promotes Transplant Tolerance by Sustaining CD4+FoxP3+ Regulatory T Cells in the Presence of Calcineurin Inhibitor. <i>American Journal of Transplantation</i> , 2015, 15, 1782-1792.	2.6	15
46	CD8+CD122+PD-1+ Tregs Synergize With Costimulatory Blockade of CD40/CD154, but Not B7/CD28, to Prolong Murine Allograft Survival. <i>Frontiers in Immunology</i> , 2019, 10, 306.	2.2	15
47	A Novel Immunosuppressant, Luteolin, Modulates Alloimmunity and Suppresses Murine Allograft Rejection. <i>Journal of Immunology</i> , 2019, 203, 3436-3446.	0.4	15
48	Immunoregulation by Artemisinin and Its Derivatives: A New Role for Old Antimalarial Drugs. <i>Frontiers in Immunology</i> , 2021, 12, 751772.	2.2	15
49	The role of tryptophan catabolism in acquisition and effector function of memory T cells. <i>Current Opinion in Organ Transplantation</i> , 2008, 13, 31-35.	0.8	14
50	Role of CD8 <sup>+</sup> regulatory T cells in organ transplantation. <i>Burns and Trauma</i> , 2014, 2, 18.	0.7	14
51	Shikonin Prolongs Allograft Survival via Induction of CD4+FoxP3+ Regulatory T Cells. <i>Frontiers in Immunology</i> , 2019, 10, 652.	2.2	12
52	Paeoniflorin ameliorates murine lupus nephritis by increasing CD4+Foxp3+ Treg cells via enhancing mTNF±-TNFR2 pathway. <i>Biochemical Pharmacology</i> , 2021, 185, 114434.	2.0	12
53	Promoting Long-Term Survival of Insulin-Producing Cell Grafts That Differentiate from Adipose Tissue-Derived Stem Cells to Cure Type 1 Diabetes. <i>PLoS ONE</i> , 2011, 6, e29706.	1.1	11
54	Editorial: Memory T Cells: Effectors, Regulators, and Implications for Transplant Tolerance. <i>Frontiers in Immunology</i> , 2016, 7, 7.	2.2	10

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55	Herbal Components of a Novel Formula PSORI-CM02 Interdependently Suppress Allograft Rejection and Induce CD8+CD122+PD-1+ Regulatory T Cells. <i>Frontiers in Pharmacology</i> , 2018, 9, 88.	1.6	10
56	Chinese medicine Ginseng and Astragalus granules ameliorate autoimmune diabetes by upregulating both CD4+FoxP3+ and CD8+CD122+PD1+ regulatory T cells. <i>Oncotarget</i> , 2017, 8, 60201-60209.	0.8	10
57	Tanshinol suppresses cardiac allograft rejection in a murine model. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 227-236.	0.3	9
58	Effects of Cigarette Smoking on Transplant Survival: Extending or Shortening It?. <i>Frontiers in Immunology</i> , 2017, 8, 127.	2.2	9
59	Punicalagin Alleviates Psoriasis by Inhibiting NF- $\kappa$ B-Mediated IL-1 $\beta$ Transcription and Caspase-1-Regulated IL-1 $\beta$ Secretion. <i>Frontiers in Pharmacology</i> , 2022, 13, 817526.	1.6	7
60	Phloridzin Ameliorates Lipid Deposition in High-Fat-Diet-Fed Mice with Nonalcoholic Fatty Liver Disease via Inhibiting the mTORC1/SREBP-1c Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 8671-8683.	2.4	6
61	Medicinal herbs <i>Fructus corni</i> and <i>Semen cuscutae</i> suppress allograft rejection via distinct immune mechanisms. <i>Oncotarget</i> , 2016, 7, 35680-35691.	0.8	6
62	Identification of Novel RD1 Antigens and Their Combinations for Diagnosis of Sputum Smear <sup>+</sup> /Culture <sup>+</sup> TB Patients. <i>BioMed Research International</i> , 2016, 2016, 1-10.	0.9	5
63	Berberine Promotes Induction of Immunological Tolerance to an Allograft via Downregulating Memory CD8+ T-Cells Through Altering the Gut Microbiota. <i>Frontiers in Immunology</i> , 2021, 12, 646831.	2.2	4
64	Technique for retransplanting heterotopic heart grafts in mice. <i>Microsurgery</i> , 2004, 24, 465-467.	0.6	3
65	Manipulating IL-2 Availability Amid Presentation of Donor MHC Antigens Suppresses Murine Alloimmune Responses by Inducing Regulatory T Cells. <i>PLoS ONE</i> , 2010, 5, e8756.	1.1	2
66	A recombinant protein rLZ-8, originally extracted from <i>Ganoderma lucidum</i> , ameliorates OVA-induced lung inflammation by regulating Th17/Treg balance. <i>Journal of Leukocyte Biology</i> , 2020, 108, 531-545.	1.5	1
67	Recipients Inherit a Cardiovascular Risk Factor From Bone Marrow Donors: Implications for Screening of Donors?. <i>American Journal of Transplantation</i> , 2016, 16, 3318-3319.	2.6	0