

Edgar G Engleman

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

11,503
citations

94269

37
h-index

74018

75
g-index

80
all docs

80
docs citations

80
times ranked

14654
citing authors

#	ARTICLE	IF	CITATIONS
1	Vaccination of patients with Bâ€‘cell lymphoma using autologous antigenâ€‘pulsed dendritic cells. <i>Nature Medicine</i> , 1996, 2, 52-58.	15.2	1,731
2	Normalization of obesity-associated insulin resistance through immunotherapy. <i>Nature Medicine</i> , 2009, 15, 921-929.	15.2	1,217
3	Immune Checkpoint Inhibitors for the Treatment of Cancer: Clinical Impact and Mechanisms of Response and Resistance. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2021, 16, 223-249.	9.6	956
4	Langerhans cells renew in the skin throughout life under steady-state conditions. <i>Nature Immunology</i> , 2002, 3, 1135-1141.	7.0	857
5	Systemic Immunity Is Required for Effective Cancer Immunotherapy. <i>Cell</i> , 2017, 168, 487-502.e15.	13.5	708
6	Induction of CD4-dependent cell fusion by the HTLV-III/LAV envelope glycoprotein. <i>Nature</i> , 1986, 323, 725-728.	13.7	697
7	Dendritic Cells in Cancer Immunotherapy. <i>Annual Review of Immunology</i> , 2000, 18, 245-273.	9.5	625
8	Tolerance and Chimerism after Renal and Hematopoietic-Cell Transplantation. <i>New England Journal of Medicine</i> , 2008, 358, 362-368.	13.9	475
9	Ablative Tumor Radiation Can Change the Tumor Immune Cell Microenvironment to Induce Durable Complete Remissions. <i>Clinical Cancer Research</i> , 2015, 21, 3727-3739.	3.2	373
10	T-Cell Profile in Adipose Tissue Is Associated With Insulin Resistance and Systemic Inflammation in Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2637-2643.	1.1	287
11	Regulation of Obesity-Related Insulin Resistance with Gut Anti-inflammatory Agents. <i>Cell Metabolism</i> , 2015, 21, 527-542.	7.2	283
12	High-Dimensional Phenotypic Mapping of Human Dendritic Cells Reveals Interindividual Variation and Tissue Specialization. <i>Immunity</i> , 2017, 47, 1037-1050.e6.	6.6	231
13	An interactive reference framework for modeling a dynamic immune system. <i>Science</i> , 2015, 349, 1259425.	6.0	214
14	Allogeneic IgG combined with dendritic cell stimuli induce antitumour T-cell immunity. <i>Nature</i> , 2015, 521, 99-104.	13.7	190
15	Insulin Receptor-Mediated Stimulation Boosts T Cell Immunity during Inflammation and Infection. <i>Cell Metabolism</i> , 2018, 28, 922-934.e4.	7.2	188
16	Type I interferon responses drive intrahepatic T cells to promote metabolic syndrome. <i>Science Immunology</i> , 2017, 2, .	5.6	135
17	Normalizing Microbiota-Induced Retinoic Acid Deficiency Stimulates Protective CD8 + T Cell-Mediated Immunity in Colorectal Cancer. <i>Immunity</i> , 2016, 45, 641-655.	6.6	128
18	Leveraging heterogeneity across multiple datasets increases cell-mixture deconvolution accuracy and reduces biological and technical biases. <i>Nature Communications</i> , 2018, 9, 4735.	5.8	128

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19	Lymph node colonization induces tumor-immune tolerance to promote distant metastasis. <i>Cell</i> , 2022, 185, 1924-1942.e23.	13.5	111
20	A distinct subset of plasmacytoid dendritic cells induces activation and differentiation of B and T lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1988-1993.	3.3	104
21	Mechanical Stiffness Controls Dendritic Cell Metabolism and Function. <i>Cell Reports</i> , 2021, 34, 108609.	2.9	98
22	Differentiation of myeloid dendritic cells into CD81±-positive dendritic cells in vivo. <i>Blood</i> , 2000, 96, 1865-1872.	0.6	92
23	Generation of antigen-specific CD4+ T cell lines from naive precursors. <i>European Journal of Immunology</i> , 1995, 25, 1206-1211.	1.6	87
24	Inhibition of antigen-presenting cell function by alendronate in vitro. <i>Journal of Bone and Mineral Research</i> , 1995, 10, 1719-1725.	3.1	85
25	An Immunosuppressive Dendritic Cell Subset Accumulates at Secondary Sites and Promotes Metastasis in Pancreatic Cancer. <i>Cancer Research</i> , 2017, 77, 4158-4170.	0.4	85
26	Development of an Orthotopic Model of Invasive Pancreatic Cancer in an Immunocompetent Murine Host. <i>Clinical Cancer Research</i> , 2010, 16, 3684-3695.	3.2	83
27	B-1a Lymphocytes Attenuate Insulin Resistance. <i>Diabetes</i> , 2015, 64, 593-603.	0.3	81
28	Nucleic Acid-Targeting Pathways Promote Inflammation in Obesity-Related Insulin Resistance. <i>Cell Reports</i> , 2016, 16, 717-730.	2.9	77
29	Immune-stimulating antibody conjugates elicit robust myeloid activation and durable antitumor immunity. <i>Nature Cancer</i> , 2021, 2, 18-33.	5.7	74
30	Dendritic cell-based cancer immunotherapy. <i>Seminars in Oncology</i> , 2003, 30, 23-29.	0.8	71
31	Detection of Intestinal Cancer by Local, Topical Application of a Quenched Fluorescence Probe for Cysteine Cathepsins. <i>Chemistry and Biology</i> , 2015, 22, 148-158.	6.2	69
32	Sustained improvement of intractable rheumatoid arthritis after total lymphoid irradiation. <i>Arthritis and Rheumatism</i> , 1983, 26, 937-946.	6.7	64
33	Treatment Of NZB/NZW F1 Hybrid Mice withMycobacterium Bovis Strain BCG or Type II Interferon Preparations Accelerates Autoimmune Disease. <i>Arthritis and Rheumatism</i> , 1981, 24, 1396-1402.	6.7	63
34	Instructive roles for cytokine-receptor binding parameters in determining signaling and functional potency. <i>Science Signaling</i> , 2015, 8, ra114.	1.6	57
35	<i>N</i>â€Carboxyanhydride Polymerization of Glycopolypeptides That Activate Antigenâ€Presenting Cells through Dectinâ€1 and Dectinâ€2. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3137-3142.	7.2	51
36	Role of CD4 in Normal Immunity and HIV Infection. <i>Immunological Reviews</i> , 1989, 109, 93-117.	2.8	50

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37	Mixed chimerism and acceptance of kidney transplants after immunosuppressive drug withdrawal. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	47
38	A Three-Gene Assay for Monitoring Immune Quiescence in Kidney Transplantation. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2042-2053.	3.0	45
39	Identification of cell types in multiplexed in situ images by combining protein expression and spatial information using CELESTA. <i>Nature Methods</i> , 2022, 19, 759-769.	9.0	42
40	Progression of EGFR-Mutant Lung Adenocarcinoma is Driven By Alveolar Macrophages. <i>Clinical Cancer Research</i> , 2017, 23, 778-788.	3.2	38
41	Adaptive Immunity and Antigen-Specific Activation in Obesity-Associated Insulin Resistance. <i>Mediators of Inflammation</i> , 2015, 2015, 1-15.	1.4	33
42	Abdominopelvic FLASH Irradiation Improves PD-1 Immune Checkpoint Inhibition in Preclinical Models of Ovarian Cancer. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 371-381.	1.9	31
43	Macrochimerism and clinical transplant tolerance. <i>Human Immunology</i> , 2018, 79, 266-271.	1.2	30
44	A versatile system to record cell-cell interactions. <i>ELife</i> , 2020, 9, .	2.8	30
45	Tolerogenic interactions between CD8+ dendritic cells and NKT cells prevent rejection of bone marrow and organ grafts. <i>Blood</i> , 2017, 129, 1718-1728.	0.6	29
46	Mixed lymphocyte reaction in healthy women with rheumatoid factor. lack of association with hlaâ€w4. <i>Arthritis and Rheumatism</i> , 1978, 21, 690-693.	6.7	27
47	Antitumor effects of iPSC-based cancer vaccine in pancreatic cancer. <i>Stem Cell Reports</i> , 2021, 16, 1468-1477.	2.3	26
48	Phenotypic identification of suppressor-effector, suppressor-amplifier and suppressor-inducer T cells of B cell differentiation in man. <i>European Journal of Immunology</i> , 1987, 17, 453-457.	1.6	25
49	Abnormal t suppressor cell function in juvenile rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1990, 33, 205-211.	6.7	20
50	Akt and SHP-1 are DC-intrinsic checkpoints for tumor immunity. <i>JCI Insight</i> , 2016, 1, e89020.	2.3	17
51	Molecular Variants of the HLA-B27 Antigen in Healthy Individuals and Patients with Spondylarthropathies. <i>Immunological Reviews</i> , 1985, 86, 71-92.	2.8	16
52	Induction of immunity to tumor-associated antigens following dendritic cell vaccination of cancer patients. <i>Clinical Immunology</i> , 2003, 106, 10-15.	1.4	16
53	Targeting Glycolysis in Macrophages Confers Protection Against Pancreatic Ductal Adenocarcinoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6350.	1.8	15
54	Brain profiling in murine colitis and human epilepsy reveals neutrophils and TNFÎ± as mediators of neuronal hyperexcitability. <i>Journal of Neuroinflammation</i> , 2021, 18, 199.	3.1	15

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55	Induction of Antigen-Specific Suppressor T Cells During Acute Infection with <i>Toxoplasma gondii</i> . <i>Journal of Infectious Diseases</i> , 1987, 155, 1033-1037.	1.9	14
56	Ineffective Vaccination against Solid Tumors Can Be Enhanced by Hematopoietic Cell Transplantation. <i>Journal of Immunology</i> , 2009, 183, 7196-7203.	0.4	14
57	A Novel Type of Blood Biomarker: Distinct Changes of Cytokine-Induced STAT Phosphorylation in Blood T Cells Between Colorectal Cancer Patients and Healthy Individuals. <i>Cancers</i> , 2019, 11, 1157.	1.7	14
58	Cancer systems immunology. <i>ELife</i> , 2020, 9, .	2.8	14
59	Isolation and Utilization of Human Dendritic Cells from Peripheral Blood to Assay an In Vitro Primary Immune Response to Varicella-Zoster Virus Peptides. <i>Journal of Infectious Diseases</i> , 1998, 178, S39-S42.	1.9	13
60	Using Signaling Pathways to Overcome Immune Tolerance to Tumors. <i>Science Signaling</i> , 2004, 2004, pe28-pe28.	1.6	13
61	Human Regulatory Dendritic Cells Develop From Monocytes in Response to Signals From Regulatory and Helper T Cells. <i>Frontiers in Immunology</i> , 2020, 11, 1982.	2.2	10
62	Accelerated, but not conventional, radiotherapy of murine B-cell lymphoma induces potent T cell-mediated remissions. <i>Blood Advances</i> , 2018, 2, 2568-2580.	2.5	9
63	Differential response of CD4 ⁺ V β 7 ⁺ and CD4 ⁺ V β 7 ⁺ T cells to T cell receptor-dependent signals: CD4 ⁺ V β 7 ⁺ T cells are co-stimulation independent and anti-V β 7 antibody blocks the induction of anergy by bacterial superantigen. <i>European Journal of Immunology</i> , 1997, 27, 1413-1421.	1.6	8
64	<i>In vitro</i> and <i>in vivo</i> metabolite identification of a novel benzimidazole compound ZLN005 by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 480-488.	0.7	8
65	Differentiation of myeloid dendritic cells into CD8 β -positive dendritic cells <i>in vivo</i> . <i>Blood</i> , 2000, 96, 1865-1872.	0.6	8
66	A gut punch fights cancer and infection. <i>Nature</i> , 2019, 565, 573-574.	13.7	7
67	Identification of Two Subsets of Murine DC1 Dendritic Cells That Differ by Surface Phenotype, Gene Expression, and Function. <i>Frontiers in Immunology</i> , 2021, 12, 746469.	2.2	7
68	Antibody to human immunodeficiency virus correlates with decreased T helper lymphocytes in asymptomatic individuals. <i>Journal of Medical Virology</i> , 1987, 22, 237-244.	2.5	6
69	ImmunoGlobe: enabling systems immunology with a manually curated intercellular immune interaction network. <i>BMC Bioinformatics</i> , 2020, 21, 346.	1.2	6
70	Hyaluronan synthesis inhibition impairs antigen presentation and delays transplantation rejection. <i>Matrix Biology</i> , 2021, 96, 69-86.	1.5	6
71	Development of immunosuppressive myeloid cells to induce tolerance in solid organ and hematopoietic cell transplant recipients. <i>Blood Advances</i> , 2021, 5, 3290-3302.	2.5	6
72	N-Carboxyanhydride Polymerization of Glycopolypeptides That Activate Antigen-Presenting Cells through Dectin-1 and Dectin-2. <i>Angewandte Chemie</i> , 2018, 130, 3191-3196.	1.6	3

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73	Hypothesis: The Intratumoral Immune Response against a Cancer Progenitor Cell Impacts the Development of Well-Differentiated versus Dedifferentiated Disease in Liposarcoma. <i>Frontiers in Oncology</i> , 2016, 6, 134.	1.3	2
74	Isolation Protocol of Mouse Monocyte-derived Dendritic Cells and Their Subsequent <i>In Vitro</i> Activation with Tumor Immune Complexes. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	2
75	Lymph Node Colonization Alters the Systemic Immune Response to Enable Metastasis to Distant Tissues. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
76	Dendritic Cells in Hematopoietic Cell Transplantation. , 0, , 248-263.		1
77	Tumor-binding antibodies induce potent dendritic cell-mediated tumor immunity. <i>Oncolimmunology</i> , 2019, 8, e1078063.	2.1	0
78	Regulation of the Immune Response in Man by a Cascade of Interactive T Lymphocytes. <i>Current Topics in Cellular Regulation</i> , 1985, 26, 127-135.	9.6	0