Edgar G Engleman

List of Publications by Year
in descending order

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78 papers	11,503 citations	94433 37 h-index	74163 75 g-index
80 all docs	80 docs citations	80 times ranked	14654 citing authors

#	Article	IF	Citations
1	Abdominopelvic FLASH Irradiation Improves PD-1 Immune Checkpoint Inhibition in Preclinical Models of Ovarian Cancer. Molecular Cancer Therapeutics, 2022, 21, 371-381.	4.1	31
2	Lymph node colonization induces tumor-immune tolerance to promote distant metastasis. Cell, 2022, 185, 1924-1942.e23.	28.9	111
3	Identification of cell types in multiplexed in situ images by combining protein expression and spatial information using CELESTA. Nature Methods, 2022, 19, 759-769.	19.0	42
4	Hyaluronan synthesis inhibition impairs antigen presentation and delays transplantation rejection. Matrix Biology, 2021, 96, 69-86.	3.6	6
5	Immune Checkpoint Inhibitors for the Treatment of Cancer: Clinical Impact and Mechanisms of Response and Resistance. Annual Review of Pathology: Mechanisms of Disease, 2021, 16, 223-249.	22.4	956
6	Immune-stimulating antibody conjugates elicit robust myeloid activation and durable antitumor immunity. Nature Cancer, 2021, 2, 18-33.	13.2	74
7	Targeting Glycolysis in Macrophages Confers Protection Against Pancreatic Ductal Adenocarcinoma. International Journal of Molecular Sciences, 2021, 22, 6350.	4.1	15
8	Antitumor effects of iPSC-based cancer vaccine in pancreatic cancer. Stem Cell Reports, 2021, 16, 1468-1477.	4.8	26
9	Development of immunosuppressive myeloid cells to induce tolerance in solid organ and hematopoietic cell transplant recipients. Blood Advances, 2021, 5, 3290-3302.	5.2	6
10	Brain profiling in murine colitis and human epilepsy reveals neutrophils and TNFÎ± as mediators of neuronal hyperexcitability. Journal of Neuroinflammation, 2021, 18, 199.	7.2	15
11	Mechanical Stiffness Controls Dendritic Cell Metabolism and Function. Cell Reports, 2021, 34, 108609.	6.4	98
12	Identification of Two Subsets of Murine DC1 Dendritic Cells That Differ by Surface Phenotype, Gene Expression, and Function. Frontiers in Immunology, 2021, 12, 746469.	4.8	7
13	Human Regulatory Dendritic Cells Develop From Monocytes in Response to Signals From Regulatory and Helper T Cells. Frontiers in Immunology, 2020, 11, 1982.	4.8	10
14	ImmunoGlobe: enabling systems immunology with a manually curated intercellular immune interaction network. BMC Bioinformatics, 2020, 21, 346.	2.6	6
15	Mixed chimerism and acceptance of kidney transplants after immunosuppressive drug withdrawal. Science Translational Medicine, 2020, 12, .	12.4	47
16	Cancer systems immunology. ELife, 2020, 9, .	6.0	14
17	A versatile system to record cell-cell interactions. ELife, 2020, 9, .	6.0	30
18	A Novel Type of Blood Biomarker: Distinct Changes of Cytokine-Induced STAT Phosphorylation in Blood T Cells Between Colorectal Cancer Patients and Healthy Individuals. Cancers, 2019, 11, 1157.	3.7	14

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19	A gut punch fights cancer and infection. Nature, 2019, 565, 573-574.	27.8	7
20	Tumor-binding antibodies induce potent dendritic cell-mediated tumor immunity. OncoImmunology, 2019, 8, e1078063.	4.6	0
21	N â€Carboxyanhydride Polymerization of Glycopolypeptides That Activate Antigenâ€Presenting Cells through Dectinâ€1 and Dectinâ€2. Angewandte Chemie, 2018, 130, 3191-3196.	2.0	3
22	In vitro and in vivo metabolite identification of a novel benzimidazole compound ZLN005 by liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2018, 32, 480-488.	1.5	8
23	Macrochimerism and clinical transplant tolerance. Human Immunology, 2018, 79, 266-271.	2.4	30
24	Nâ€Carboxyanhydride Polymerization of Glycopolypeptides That Activate Antigenâ€Presenting Cells through Dectinâ€1 and Dectinâ€2. Angewandte Chemie - International Edition, 2018, 57, 3137-3142.	13.8	51
25	Leveraging heterogeneity across multiple datasets increases cell-mixture deconvolution accuracy and reduces biological and technical biases. Nature Communications, 2018, 9, 4735.	12.8	128
26	Insulin Receptor-Mediated Stimulation Boosts T Cell Immunity during Inflammation and Infection. Cell Metabolism, 2018, 28, 922-934.e4.	16.2	188
27	Accelerated, but not conventional, radiotherapy of murine B-cell lymphoma induces potent T cellâ€“mediated remissions. Blood Advances, 2018, 2, 2568-2580.	5.2	9
28	Isolation Protocol of Mouse Monocyte-derived Dendritic Cells and Their Subsequent In Vitro Activation with Tumor Immune Complexes. Journal of Visualized Experiments, 2018, , .	0.3	2
29	Systemic Immunity Is Required for Effective Cancer Immunotherapy. Cell, 2017, 168, 487-502.e15.	28.9	708
30	Tolerogenic interactions between CD8+ dendritic cells and NKT cells prevent rejection of bone marrow and organ grafts. Blood, 2017, 129, 1718-1728.	1.4	29
31	A distinct subset of plasmacytoid dendritic cells induces activation and differentiation of B and T lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1988-1993.	7.1	104
32	Type I interferon responses drive intrahepatic T cells to promote metabolic syndrome. Science Immunology, 2017, 2, .	11.9	135
33	An Immunosuppressive Dendritic Cell Subset Accumulates at Secondary Sites and Promotes Metastasis in Pancreatic Cancer. Cancer Research, 2017, 77, 4158-4170.	0.9	85
34	High-Dimensional Phenotypic Mapping of Human Dendritic Cells Reveals Interindividual Variation and Tissue Specialization. Immunity, 2017, 47, 1037-1050.e6.	14.3	231
35	Progression of EGFR-Mutant Lung Adenocarcinoma is Driven By Alveolar Macrophages. Clinical Cancer Research, 2017, 23, 778-788.	7.0	38
36	Hypothesis: The Intratumoral Immune Response against a Cancer Progenitor Cell Impacts the Development of Well-Differentiated versus Dedifferentiated Disease in Liposarcoma. Frontiers in Oncology, 2016, 6, 134.	2.8	2

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37	Nucleic Acid-Targeting Pathways Promote Inflammation in Obesity-Related Insulin Resistance. Cell Reports, 2016, 16, 717-730.	6.4	77
38	Normalizing Microbiota-Induced Retinoic Acid Deficiency Stimulates Protective CD8 + T Cell-Mediated Immunity in Colorectal Cancer. Immunity, 2016, 45, 641-655.	14.3	128
39	Akt and SHP-1 are DC-intrinsic checkpoints for tumor immunity. JCI Insight, 2016, 1, e89020.	5.0	17
40	Adaptive Immunity and Antigen-Specific Activation in Obesity-Associated Insulin Resistance. Mediators of Inflammation, 2015, 2015, 1-15.	3.0	33
41	B-1a Lymphocytes Attenuate Insulin Resistance. Diabetes, 2015, 64, 593-603.	0.6	81
42	Instructive roles for cytokine-receptor binding parameters in determining signaling and functional potency. Science Signaling, 2015, 8, ra114.	3.6	57
43	Detection of Intestinal Cancer by Local, Topical Application of a Quenched Fluorescence Probe for Cysteine Cathepsins. Chemistry and Biology, 2015, 22, 148-158.	6.0	69
44	A Three-Gene Assay for Monitoring Immune Quiescence in Kidney Transplantation. Journal of the American Society of Nephrology: JASN, 2015, 26, 2042-2053.	6.1	45
45	An interactive reference framework for modeling a dynamic immune system. Science, 2015, 349, 1259425.	12.6	214
46	Allogeneic IgG combined with dendritic cell stimuli induce antitumour T-cell immunity. Nature, 2015, 521, 99-104.	27.8	190
47	Ablative Tumor Radiation Can Change the Tumor Immune Cell Microenvironment to Induce Durable Complete Remissions. Clinical Cancer Research, 2015, 21, 3727-3739.	7.0	373
48	Regulation of Obesity-Related Insulin Resistance with Gut Anti-inflammatory Agents. Cell Metabolism, 2015, 21, 527-542.	16.2	283
49	T-Cell Profile in Adipose Tissue Is Associated With Insulin Resistance and Systemic Inflammation in Humans. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2637-2643.	2.4	287
50	Development of an Orthotopic Model of Invasive Pancreatic Cancer in an Immunocompetent Murine Host. Clinical Cancer Research, 2010, 16, 3684-3695.	7.0	83
51	Ineffective Vaccination against Solid Tumors Can Be Enhanced by Hematopoietic Cell Transplantation. Journal of Immunology, 2009, 183, 7196-7203.	0.8	14
52	Normalization of obesity-associated insulin resistance through immunotherapy. Nature Medicine, 2009, 15, 921-929.	30.7	1,217
53	Tolerance and Chimerism after Renal and Hematopoietic-Cell Transplantation. New England Journal of Medicine, 2008, 358, 362-368.	27.0	475
54	Using Signaling Pathways to Overcome Immune Tolerance to Tumors. Science Signaling, 2004, 2004, pe28-pe28.	3.6	13

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55	Dendritic cell-based cancer immunotherapy. Seminars in Oncology, 2003, 30, 23-29.	2.2	71
56	Induction of immunity to tumor-associated antigens following dendritic cell vaccination of cancer patients. Clinical Immunology, 2003, 106, 10-15.	3.2	16
57	Langerhans cells renew in the skin throughout life under steady-state conditions. Nature Immunology, 2002, 3, 1135-1141.	14.5	857
58	Differentiation of myeloid dendritic cells into CD8Î±-positive dendritic cells in vivo. Blood, 2000, 96, 1865-1872.	1.4	92
59	Dendritic Cells in Cancer Immunotherapy. Annual Review of Immunology, 2000, 18, 245-273.	21.8	625
60	Differentiation of myeloid dendritic cells into CD8Î±-positive dendritic cells in vivo. Blood, 2000, 96, 1865-1872.	1.4	8
61	Isolation and Utilization of Human Dendritic Cells from Peripheral Blood to Assay an In Vitro Primary Immune Response to Varicellaâ€Zoster Virus Peptides. Journal of Infectious Diseases, 1998, 178, S39-S42.	4.0	13
62	Differential response of CD4+ V7+ and CD4+ V7â^' T cells to T cell receptor-dependent signals: CD4+ V7+ T cells are co-stimulation independent and anti-V7 antibody blocks the induction of anergy by bacterial superantigen. European Journal of Immunology, 1997, 27, 1413-1421.	2.9	8
63	Vaccination of patients with Bâ€“cell lymphoma using autologous antigenâ€“pulsed dendritic cells. Nature Medicine, 1996, 2, 52-58.	30.7	1,731
64	Generation of antigen-specific CD4+ T cell lines from naive precursors. European Journal of Immunology, 1995, 25, 1206-1211.	2.9	87
65	Inhibition of antigen-presenting cell function by alendronate in vitro. Journal of Bone and Mineral Research, 1995, 10, 1719-1725.	2.8	85
66	Abnormal t suppressor cell function in juvenile rheumatoid arthritis. Arthritis and Rheumatism, 1990, 33, 205-211.	6.7	20
67	Role of CD4 in Normal Immunity and HIV Infection. Immunological Reviews, 1989, 109, 93-117.	6.0	50
68	Induction of Antigen-Specific Suppressor T Cells During Acute Infection with Toxoplasma gondii. Journal of Infectious Diseases, 1987, 155, 1033-1037.	4.0	14
69	Antibody to human immunodeficiency virus correlates with decreased T helper lymphocytes in asymptomatic individuals. Journal of Medical Virology, 1987, 22, 237-244.	5.0	6
70	Phenotypic identification of suppressor-effector, suppressor-amplifier and suppressor-inducer T cells of B cell differentiation in man. European Journal of Immunology, 1987, 17, 453-457.	2.9	25
71	Induction of CD4-dependent cell fusion by the HTLV-III/LAV envelope glycoprotein. Nature, 1986, 323, 725-728.	27.8	697
72	Molecular Variants of the HLA-B27 Antigen in Healthy Individuals and Patients with Spondylarthropathies. Immunological Reviews, 1985, 86, 71-92.	6.0	16

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73	Regulation of the Immune Response in Man by a Cascade of Interactive T Lymphocytes. Current Topics in Cellular Regulation, 1985, 26, 127-135.	9.6	0
74	Sustained improvement of intractable rheumatoid arthritis after total lymphoid irradiation. Arthritis and Rheumatism, 1983, 26, 937-946.	6.7	64
75	Treatment Of NZB/NZW F1 Hybrid Mice withMycobacterium Bovis Strain BCG or Type II Interferon Preparations Accelerates Autoimmune Disease. Arthritis and Rheumatism, 1981, 24, 1396-1402.	6.7	63
76	Mixed lymphocyte reaction in healthy women with rheumatoid factor. lack of association with hlaâ€dw4. Arthritis and Rheumatism, 1978, 21, 690-693.	6.7	27
77	Dendritic Cells in Hematopoietic Cell Transplantation. , 0, , 248-263.		1
78	Lymph Node Colonization Alters the Systemic Immune Response to Enable Metastasis to Distant Tissues. SSRN Electronic Journal, 0, , .	0.4	2