Enrico Lugli

List of Publications by Year
in descending order

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96 papers	16,740 citations	57758 44 h-index	36028 97 g-index
100 all docs	100 docs citations	100 times ranked	28908 citing authors

#	Article	IF	Citations
1	Lipid-loaded tumor-associated macrophages sustain tumor growth and invasiveness in prostate cancer. Journal of Experimental Medicine, 2022, 219, .	8.5	53
2	â€˜Stem-likeâ€™ precursors are the fount to sustain persistent CD8+ T cell responses. Nature Immunology, 2022, 23, 836-847.	14.5	50
3	Multimodal single-cell profiling of intrahepatic cholangiocarcinoma defines hyperactivated Tregs as a potential therapeutic target. Journal of Hepatology, 2022, 77, 1359-1372.	3.7	30
4	A fresh look at the T helper subset dogma. Nature Immunology, 2021, 22, 104-105.	14.5	16
5	Feasibility and Efficacy of CD45RA+ Depleted Donor Lymphocytes Infusion After Haploidentical Transplantation With Post-Transplantation Cyclophosphamide in Patients With Hematological Malignancies. Transplantation and Cellular Therapy, 2021, 27, 478.e1-478.e5.	1.2	12
6	Circulating mucosal-associated invariant T cells identify patients responding to anti-PD-1 therapy. Nature Communications, 2021, 12, 1669.	12.8	48
7	Clonally expanded EOMES+ Tr1-like cells in primary and metastatic tumors are associated with disease progression. Nature Immunology, 2021, 22, 735-745.	14.5	36
8	Single-cell profiling identifies impaired adaptive NK cells expanded after HCMV reactivation in haploidentical HSCT. JCI Insight, 2021, 6, .	5.0	19
9	Aggressive early-stage lung adenocarcinoma is characterized by epithelial cell plasticity with acquirement of stem-like traits and immune evasion phenotype. Oncogene, 2021, 40, 4980-4991.	5.9	8
10	Single-cell profiling reveals the dynamics of cytomegalovirus-specific T cells in haploidentical hematopoietic stem cell transplantation. Haematologica, 2021, 106, 2768-2773.	3.5	6
11	Single-cell profiling defines the prognostic benefit of CD39high tissue resident memory CD8+ T cells in luminal-like breast cancer. Communications Biology, 2021, 4, 1117.	4.4	11
12	NKG2A expression identifies a subset of human VÎ2 TÂcells exerting the highest antitumor effector functions. Cell Reports, 2021, 37, 109871.	6.4	30
13	CD19-CAR TÂcells undergo exhaustion DNA methylation programming in patients with acute lymphoblastic leukemia. Cell Reports, 2021, 37, 110079.	6.4	48
14	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). European Journal of Immunology, 2021, 51, 2708-3145.	2.9	198
15	Generating stem-like memory T cells with antioxidants for adoptive cell transfer immunotherapy of cancer. Methods in Enzymology, 2020, 631, 137-158.	1.0	8
16	Stem, Effector, and Hybrid States of Memory CD8+ T Cells. Trends in Immunology, 2020, 41, 17-28.	6.8	65
17	Two subsets of stem-like CD8+ memory T cell progenitors with distinct fate commitments in humans. Nature Immunology, 2020, 21, 1552-1562.	14.5	167
18	A distal enhancer at risk locus 11q13.5 promotes suppression of colitis by Treg cells. Nature, 2020, 583, 447-452.	27.8	40

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19	InteractomeSeq: a web server for the identification and profiling of domains and epitopes from phage display and next generation sequencing data. Nucleic Acids Research, 2020, 48, W200-W207.	14.5	7
20	Immunological history governs human stem cell memory CD4 heterogeneity via the Wnt signaling pathway. Nature Communications, 2020, 11, 821.	12.8	25
21	IRF4 instructs effector Treg differentiation and immune suppression in human cancer. Journal of Clinical Investigation, 2020, 130, 3137-3150.	8.2	103
22	Single-Cell Sequencing of Mouse Heart Immune Infiltrate in Pressure Overloadâ€“Driven Heart Failure Reveals Extent of Immune Activation. Circulation, 2019, 140, 2089-2107.	1.6	212
23	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	2.9	766
24	Defining â€˜T cell exhaustionâ€™. Nature Reviews Immunology, 2019, 19, 665-674.	22.7	879
25	Activation of the VEGFC/VEGFR3 Pathway Induces Tumor Immune Escape in Colorectal Cancer. Cancer Research, 2019, 79, 4196-4210.	0.9	53
26	Development, application and computational analysis of high-dimensional fluorescent antibody panels for single-cell flow cytometry. Nature Protocols, 2019, 14, 1946-1969.	12.0	147
27	CXCR3 Identifies Human Naive CD8+ T Cells with Enhanced Effector Differentiation Potential. Journal of Immunology, 2019, 203, 3179-3189.	0.8	34
28	Global chromatin conformation differences in the Drosophila dosage compensated chromosome X. Nature Communications, 2019, 10, 5355.	12.8	28
29	Cancer neoantigens targeted by adoptive T cell transfer: private no more. Journal of Clinical Investigation, 2019, 129, 949-951.	8.2	5
30	An autofluorescence-based method for the isolation of highly purified ventricular cardiomyocytes. Cardiovascular Research, 2018, 114, 409-416.	3.8	9
31	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	11.2	4,036
32	The early expansion of anergic NKG2A^{pos}/CD56^{dim}/CD16^{neg} natural killer represents a therapeutic target in haploidentical hematopoietic stem cell transplantation. Haematologica, 2018, 103, 1390-1402.	3.5	61
33	The Single-Cell Phenotypic Identity of Human CD8+ and CD4+ T Cells. International Review of Cell and Molecular Biology, 2018, 341, 63-124.	3.2	77
34	Paths to expansion: Differential requirements of IRF4 in CD8⁺ Tâ€cell expansion driven by antigen and homeostatic cytokines. European Journal of Immunology, 2018, 48, 1281-1284.	2.9	3
35	High-dimensional single cell analysis identifies stem-like cytotoxic CD8+ T cells infiltrating human tumors. Journal of Experimental Medicine, 2018, 215, 2520-2535.	8.5	250
36	Background fluorescence and spreading error are major contributors of variability in highâ€dimensional flow cytometry data visualization by tâ€distributed stochastic neighboring embedding. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2018, 93, 785-792.	1.5	36

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37	Antioxidant metabolism regulates CD8+ T memory stem cell formation and antitumor immunity. JCI Insight, 2018, 3, .	5.0	84
38	Guidelines for the use of flow cytometry and cell sorting in immunological studies[*]. European Journal of Immunology, 2017, 47, 1584-1797.	2.9	505
39	Curtailed Tâ€cell activation curbs effector differentiation and generates CD8⁺ T cells with a naturallyâ€occurring memory stem cell phenotype. European Journal of Immunology, 2017, 47, 1468-1476.	2.9	21
40	FACS Analysis of Memory T Lymphocytes. Methods in Molecular Biology, 2017, 1514, 31-47.	0.9	14
41	Differentiation of Diverse Progenies of Memory T Cells from NaÃ¯ve CD8+ T Cell Precursors. Methods in Molecular Biology, 2017, 1514, 103-110.	0.9	1
42	Tissueâ€resident and memory properties of human Tâ€cell and NKâ€cell subsets. European Journal of Immunology, 2016, 46, 1809-1817.	2.9	16
43	Human liver-resident CD56bright/CD16neg NK cells are retained within hepatic sinusoids via the engagement of CCR5 and CXCR6 pathways. Journal of Autoimmunity, 2016, 66, 40-50.	6.5	220
44	Consensus nomenclature for CD8⁺T cell phenotypes in cancer. OncoImmunology, 2015, 4, e998538.	4.6	119
45	Filarial Infection Modulates the Immune Response to Mycobacterium tuberculosis through Expansion of CD4+ IL-4 Memory T Cells. Journal of Immunology, 2015, 194, 2706-2714.	0.8	16
46	Infections after Tâ€replete haploidentical transplantation and highâ€dose cyclophosphamide as graftâ€versusâ€host disease prophylaxis. Transplant Infectious Disease, 2015, 17, 242-249.	1.7	118
47	Role of naive-derived T memory stem cells in T-cell reconstitution following allogeneic transplantation. Blood, 2015, 125, 2855-2864.	1.4	132
48	Priming of Human Resting NK Cells by Autologous M1 Macrophages via the Engagement of IL-1Î², IFN-Î², and IL-15 Pathways. Journal of Immunology, 2015, 195, 2818-2828.	0.8	90
49	IL15 and T-cell Stemness in T-cellâ€“Based Cancer Immunotherapy. Cancer Research, 2015, 75, 5187-5193.	0.9	86
50	B-cell reconstitution recapitulates B-cell lymphopoiesis following haploidentical BM transplantation and post-transplant CY. Bone Marrow Transplantation, 2015, 50, 317-319.	2.4	14
51	Redistribution, Hyperproliferation, Activation of Natural Killer Cells and CD8 T Cells, and Cytokine Production During First-in-Human Clinical Trial of Recombinant Human Interleukin-15 in Patients With Cancer. Journal of Clinical Oncology, 2015, 33, 74-82.	1.6	571
52	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. Cell Death and Differentiation, 2015, 22, 58-73.	11.2	811
53	Harnessing Stem Cell-Like Memory T Cells for Adoptive Cell Transfer Therapy of Cancer. Cancer Drug Discovery and Development, 2015, , 183-209.	0.4	4
54	Classification of current anticancer immunotherapies. Oncotarget, 2014, 5, 12472-12508.	1.8	395

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55	Consensus guidelines for the detection of immunogenic cell death. OncoImmunology, 2014, 3, e955691.	4.6	686
56	NK Cell Subset Redistribution during the Course of Viral Infections. Frontiers in Immunology, 2014, 5, 390.	4.8	64
57	Editorial: NK cell immune activation in HIV-1 infection: flipping the bad and good side of the same coin. Journal of Leukocyte Biology, 2014, 96, 1-3.	3.3	6
58	Dopamine Inhibits the Effector Functions of Activated NK Cells via the Upregulation of the D5 Receptor. Journal of Immunology, 2014, 193, 2792-2800.	0.8	33
59	The role of natural killer cells in autoimmune liver disease: A comprehensive review. Journal of Autoimmunity, 2013, 46, 55-65.	6.5	78
60	The who's who of <scp>T</scp>â€cell differentiation: Human memory <scp>T</scp>â€cell subsets. European Journal of Immunology, 2013, 43, 2797-2809.	2.9	785
61	Identification, isolation and in vitro expansion of human and nonhuman primate T stem cell memory cells. Nature Protocols, 2013, 8, 33-42.	12.0	181
62	Rejuvenated T cells attack old tumors. OncoImmunology, 2013, 2, e24103.	4.6	4
63	Cancer immunotherapy turns viral. OncoImmunology, 2013, 2, e24802.	4.6	11
64	Novel multifunctional antibody approved for the treatment of breast cancer. OncoImmunology, 2013, 2, e24567.	4.6	6
65	Inhibiting the inhibitors. OncoImmunology, 2013, 2, e26535.	4.6	15
66	Superior T memory stem cell persistence supports long-lived T cell memory. Journal of Clinical Investigation, 2013, 123, 594-9.	8.2	287
67	T Cell Activation but Not Polyfunctionality after Primary HIV Infection Predicts Control of Viral Load and Length of the Time without Therapy. PLoS ONE, 2012, 7, e50728.	2.5	19
68	A human memory T cell subset with stem cellâ€“like properties. Nature Medicine, 2011, 17, 1290-1297.	30.7	1,547
69	CD4+ T-cell differentiation, regulatory T cells and gag-specific T lymphocytes are unaffected by CD4-guided treatment interruption and therapy resumption. Aids, 2011, 25, 1443-1453.	2.2	16
70	Safety (toxicity), pharmacokinetics, immunogenicity, and impact on elements of the normal immune system of recombinant human IL-15 in rhesus macaques. Blood, 2011, 117, 4787-4795.	1.4	165
71	IL-15 delays suppression and fails to promote immune reconstitution in virally suppressed chronically SIV-infected macaques. Blood, 2011, 118, 2520-2529.	1.4	44
72	T Cell Homeostasis in Centenarians: From the Thymus to the Periphery. Current Pharmaceutical Design, 2010, 16, 597-603.	1.9	23

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73	Transient and persistent effects of IL-15 on lymphocyte homeostasis in nonhuman primates. Blood, 2010, 116, 3238-3248.	1.4	111
74	Data analysis in flow cytometry: The future just started. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2010, 77A, 705-713.	1.5	168
75	Cytotoxic granule release dominates gag-specific CD4+ T-cell response in different phases of HIV infection. Aids, 2010, 24, 947-957.	2.2	45
76	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. Cell Death and Differentiation, 2009, 16, 1093-1107.	11.2	599
77	Quercetin inhibits lymphocyte activation and proliferation without inducing apoptosis in peripheral mononuclear cells. Leukemia Research, 2009, 33, 140-150.	0.8	65
78	Investigating T Cells by Polychromatic Flow Cytometry. Methods in Molecular Biology, 2009, 514, 47-63.	0.9	10
79	Lymphocytes Sub-Types and Functions in Centenarians as Models for Successful Ageing. , 2009, , 29-62.		0
80	Resistance of mtDNAâ€depleted cells to apoptosis. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2008, 73A, 528-537.	1.5	38
81	Herpes simplex virus type 1 dysregulates antiâ€fungal defenses preventing monocyte activation and downregulating tollâ€like receptorâ€2. Microbiology and Immunology, 2008, 52, 575-584.	1.4	12
82	Homeostatic Cytokines and Expansion of Regulatory T Cells Accompany Thymic Impairment in Children with Down Syndrome. Rejuvenation Research, 2008, 11, 573-583.	1.8	44
83	Mitochondrial alterations and tendency to apoptosis in peripheral blood cells from children with Down syndrome. FEBS Letters, 2007, 581, 521-525.	2.8	37
84	Polychromatic Analysis of Mitochondrial Membrane Potential Using JCâ€1. Current Protocols in Cytometry, 2007, 41, Unit7.32.	3.7	20
85	Subject classification obtained by cluster analysis and principal component analysis applied to flow cytometric data. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2007, 71A, 334-344.	1.5	97
86	Multiparametric analysis of cells with different mitochondrial membrane potential during apoptosis by polychromatic flow cytometry. Nature Protocols, 2007, 2, 2719-2727.	12.0	140
87	Protective effect of acetylâ€<scp>l</scp>â€carnitine against oxidative stress induced by antiretroviral drugs. FEBS Letters, 2006, 580, 6612-6616.	2.8	25
88	Immunophenotype of HIV+ patients during CD4 cell-monitored treatment interruption: role of the IL-7/IL-7 receptor system. Aids, 2006, 20, 2021-2032.	2.2	20
89	Thymic output and functionality of the ILâ€7/ILâ€7 receptor system in centenarians: implications for the neolymphogenesis at the limit of human life. Aging Cell, 2006, 5, 167-175.	6.7	107
90	Biological importance of the two Toll-like receptors, TLR2 and TLR4, in macrophage response to infection withCandida albicans. FEMS Immunology and Medical Microbiology, 2005, 44, 69-79.	2.7	63

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91	Characterization of cells with different mitochondrial membrane potential during apoptosis. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2005, 68A, 28-35.	1.5	109
92	Genetic polymorphisms of Fas (CD95) and Fas ligand (CD178) influence the rise in CD4+ T cell count after antiretroviral therapy in drug-naÃ¯ve HIV-positive patients. Immunogenetics, 2005, 57, 628-635.	2.4	44
93	Direct analysis of thymic function in children with Down's syndrome. Immunity and Ageing, 2005, 2, 4.	4.2	36
94	Essential requirement of reduced glutathione (GSH) for the anti-oxidant effect of the flavonoid quercetin. Free Radical Research, 2005, 39, 1249-1258.	3.3	87
95	Mitochondrial membrane potential and nucleosidic inhibitors of HIV reverse transcriptase: a cytometric approach. Mitochondrion, 2004, 4, 271-278.	3.4	10
96	MDR1 C3435T genetic polymorphism does not influence the response to antiretroviral therapy in drug-naive HIV-positive patients. Aids, 2003, 17, 1696-1698.	2.2	77