

Enrico Lugli

List of Publications by Year in descending order

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96
papers

16,740
citations

57631

44
h-index

35952

97
g-index

100
all docs

100
docs citations

100
times ranked

28908
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.	5.0	4,036
2	A human memory T cell subset with stem cell-like properties. <i>Nature Medicine</i> , 2011, 17, 1290-1297.	15.2	1,547
3	Defining "T cell exhaustion". <i>Nature Reviews Immunology</i> , 2019, 19, 665-674.	10.6	879
4	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , 2015, 22, 58-73.	5.0	811
5	The who's who of T cell differentiation: Human memory T cell subsets. <i>European Journal of Immunology</i> , 2013, 43, 2797-2809.	1.6	785
6	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019, 49, 1457-1973.	1.6	766
7	Consensus guidelines for the detection of immunogenic cell death. <i>Oncotarget</i> , 2014, 3, e955691.	2.1	686
8	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. <i>Cell Death and Differentiation</i> , 2009, 16, 1093-1107.	5.0	599
9	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. <i>Journal of Clinical Oncology</i> , 2015, 33, 74-82.	0.8	571
10	Guidelines for the use of flow cytometry and cell sorting in immunological studies [*] . <i>European Journal of Immunology</i> , 2017, 47, 1584-1797.	1.6	505
11	Classification of current anticancer immunotherapies. <i>Oncotarget</i> , 2014, 5, 12472-12508.	0.8	395
12	Superior T memory stem cell persistence supports long-lived T cell memory. <i>Journal of Clinical Investigation</i> , 2013, 123, 594-9.	3.9	287
13	High-dimensional single cell analysis identifies stem-like cytotoxic CD8+ T cells infiltrating human tumors. <i>Journal of Experimental Medicine</i> , 2018, 215, 2520-2535.	4.2	250
14	Human liver-resident CD56 ^{bright} /CD16 ^{neg} NK cells are retained within hepatic sinusoids via the engagement of CCR5 and CXCR6 pathways. <i>Journal of Autoimmunity</i> , 2016, 66, 40-50.	3.0	220
15	Single-Cell Sequencing of Mouse Heart Immune Infiltrate in Pressure Overload-Driven Heart Failure Reveals Extent of Immune Activation. <i>Circulation</i> , 2019, 140, 2089-2107.	1.6	212
16	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). <i>European Journal of Immunology</i> , 2021, 51, 2708-3145.	1.6	198
17	Identification, isolation and in vitro expansion of human and nonhuman primate T stem cell memory cells. <i>Nature Protocols</i> , 2013, 8, 33-42.	5.5	181
18	Data analysis in flow cytometry: The future just started. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 705-713.	1.1	168

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19	Two subsets of stem-like CD8 ⁺ memory T cell progenitors with distinct fate commitments in humans. <i>Nature Immunology</i> , 2020, 21, 1552-1562.	7.0	167
20	Safety (toxicity), pharmacokinetics, immunogenicity, and impact on elements of the normal immune system of recombinant human IL-15 in rhesus macaques. <i>Blood</i> , 2011, 117, 4787-4795.	0.6	165
21	Development, application and computational analysis of high-dimensional fluorescent antibody panels for single-cell flow cytometry. <i>Nature Protocols</i> , 2019, 14, 1946-1969.	5.5	147
22	Multiparametric analysis of cells with different mitochondrial membrane potential during apoptosis by polychromatic flow cytometry. <i>Nature Protocols</i> , 2007, 2, 2719-2727.	5.5	140
23	Role of naive-derived T memory stem cells in T-cell reconstitution following allogeneic transplantation. <i>Blood</i> , 2015, 125, 2855-2864.	0.6	132
24	Consensus nomenclature for CD8 ⁺ T cell phenotypes in cancer. <i>Oncotmunology</i> , 2015, 4, e998538.	2.1	119
25	Infections after Tâ€replete haploidentical transplantation and highâ€dose cyclophosphamide as graftâ€versusâ€host disease prophylaxis. <i>Transplant Infectious Disease</i> , 2015, 17, 242-249.	0.7	118
26	Transient and persistent effects of IL-15 on lymphocyte homeostasis in nonhuman primates. <i>Blood</i> , 2010, 116, 3238-3248.	0.6	111
27	Characterization of cells with different mitochondrial membrane potential during apoptosis. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2005, 68A, 28-35.	1.1	109
28	Thymic output and functionality of the IL-7/IL-7 receptor system in centenarians: implications for the neolymphogenesis at the limit of human life. <i>Aging Cell</i> , 2006, 5, 167-175.	3.0	107
29	IRF4 instructs effector Treg differentiation and immune suppression in human cancer. <i>Journal of Clinical Investigation</i> , 2020, 130, 3137-3150.	3.9	103
30	Subject classification obtained by cluster analysis and principal component analysis applied to flow cytometric data. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2007, 71A, 334-344.	1.1	97
31	Priming of Human Resting NK Cells by Autologous M1 Macrophages via the Engagement of IL-1Î², IFN-Î², and IL-15 Pathways. <i>Journal of Immunology</i> , 2015, 195, 2818-2828.	0.4	90
32	Essential requirement of reduced glutathione (GSH) for the anti-oxidant effect of the flavonoid quercetin. <i>Free Radical Research</i> , 2005, 39, 1249-1258.	1.5	87
33	IL15 and T-cell Stemness in T-cellâ€Based Cancer Immunotherapy. <i>Cancer Research</i> , 2015, 75, 5187-5193.	0.4	86
34	Antioxidant metabolism regulates CD8 ⁺ T memory stem cell formation and antitumor immunity. <i>JCI Insight</i> , 2018, 3, .	2.3	84
35	The role of natural killer cells in autoimmune liver disease: A comprehensive review. <i>Journal of Autoimmunity</i> , 2013, 46, 55-65.	3.0	78
36	MDR1 C3435T genetic polymorphism does not influence the response to antiretroviral therapy in drug-naive HIV-positive patients. <i>Aids</i> , 2003, 17, 1696-1698.	1.0	77

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37	The Single-Cell Phenotypic Identity of Human CD8+ and CD4+ T Cells. <i>International Review of Cell and Molecular Biology</i> , 2018, 341, 63-124.	1.6	77
38	Quercetin inhibits lymphocyte activation and proliferation without inducing apoptosis in peripheral mononuclear cells. <i>Leukemia Research</i> , 2009, 33, 140-150.	0.4	65
39	Stem, Effector, and Hybrid States of Memory CD8+ T Cells. <i>Trends in Immunology</i> , 2020, 41, 17-28.	2.9	65
40	NK Cell Subset Redistribution during the Course of Viral Infections. <i>Frontiers in Immunology</i> , 2014, 5, 390.	2.2	64
41	Biological importance of the two Toll-like receptors, TLR2 and TLR4, in macrophage response to infection with <i>Candida albicans</i> . <i>FEMS Immunology and Medical Microbiology</i> , 2005, 44, 69-79.	2.7	63
42	The early expansion of anergic NKG2A ^{pos} /CD56 ^{dim} /CD16 ^{neg} natural killer represents a therapeutic target in haploidentical hematopoietic stem cell transplantation. <i>Haematologica</i> , 2018, 103, 1390-1402.	1.7	61
43	Activation of the VEGFC/VEGFR3 Pathway Induces Tumor Immune Escape in Colorectal Cancer. <i>Cancer Research</i> , 2019, 79, 4196-4210.	0.4	53
44	Lipid-loaded tumor-associated macrophages sustain tumor growth and invasiveness in prostate cancer. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	53
45	Stem-like precursors are the fount to sustain persistent CD8+ T cell responses. <i>Nature Immunology</i> , 2022, 23, 836-847.	7.0	50
46	Circulating mucosal-associated invariant T cells identify patients responding to anti-PD-1 therapy. <i>Nature Communications</i> , 2021, 12, 1669.	5.8	48
47	CD19-CAR T cells undergo exhaustion DNA methylation programming in patients with acute lymphoblastic leukemia. <i>Cell Reports</i> , 2021, 37, 110079.	2.9	48
48	Cytotoxic granule release dominates gag-specific CD4+ T-cell response in different phases of HIV infection. <i>Aids</i> , 2010, 24, 947-957.	1.0	45
49	Genetic polymorphisms of Fas (CD95) and Fas ligand (CD178) influence the rise in CD4+ T cell count after antiretroviral therapy in drug-naïve HIV-positive patients. <i>Immunogenetics</i> , 2005, 57, 628-635.	1.2	44
50	Homeostatic Cytokines and Expansion of Regulatory T Cells Accompany Thymic Impairment in Children with Down Syndrome. <i>Rejuvenation Research</i> , 2008, 11, 573-583.	0.9	44
51	IL-15 delays suppression and fails to promote immune reconstitution in virally suppressed chronically SIV-infected macaques. <i>Blood</i> , 2011, 118, 2520-2529.	0.6	44
52	A distal enhancer at risk locus 11q13.5 promotes suppression of colitis by Treg cells. <i>Nature</i> , 2020, 583, 447-452.	13.7	40
53	Resistance of mtDNA-depleted cells to apoptosis. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 528-537.	1.1	38
54	Mitochondrial alterations and tendency to apoptosis in peripheral blood cells from children with Down syndrome. <i>FEBS Letters</i> , 2007, 581, 521-525.	1.3	37

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55	Direct analysis of thymic function in children with Down's syndrome. <i>Immunity and Ageing</i> , 2005, 2, 4.	1.8	36
56	Background fluorescence and spreading error are major contributors of variability in high-dimensional flow cytometry data visualization by t-distributed stochastic neighboring embedding. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 785-792.	1.1	36
57	Clonally expanded EOMES+ Tr1-like cells in primary and metastatic tumors are associated with disease progression. <i>Nature Immunology</i> , 2021, 22, 735-745.	7.0	36
58	CXCR3 Identifies Human Naive CD8+ T Cells with Enhanced Effector Differentiation Potential. <i>Journal of Immunology</i> , 2019, 203, 3179-3189.	0.4	34
59	Dopamine Inhibits the Effector Functions of Activated NK Cells via the Upregulation of the D5 Receptor. <i>Journal of Immunology</i> , 2014, 193, 2792-2800.	0.4	33
60	NG2A expression identifies a subset of human V α 2 T β cells exerting the highest antitumor effector functions. <i>Cell Reports</i> , 2021, 37, 109871.	2.9	30
61	Multimodal single-cell profiling of intrahepatic cholangiocarcinoma defines hyperactivated Tregs as a potential therapeutic target. <i>Journal of Hepatology</i> , 2022, 77, 1359-1372.	1.8	30
62	Global chromatin conformation differences in the Drosophila dosage compensated chromosome X. <i>Nature Communications</i> , 2019, 10, 5355.	5.8	28
63	Protective effect of acetyl-L-carnitine against oxidative stress induced by antiretroviral drugs. <i>FEBS Letters</i> , 2006, 580, 6612-6616.	1.3	25
64	Immunological history governs human stem cell memory CD4 heterogeneity via the Wnt signaling pathway. <i>Nature Communications</i> , 2020, 11, 821.	5.8	25
65	T Cell Homeostasis in Centenarians: From the Thymus to the Periphery. <i>Current Pharmaceutical Design</i> , 2010, 16, 597-603.	0.9	23
66	Curtailed T β cell activation curbs effector differentiation and generates CD8 ⁺ T cells with a naturally occurring memory stem cell phenotype. <i>European Journal of Immunology</i> , 2017, 47, 1468-1476.	1.6	21
67	Immunophenotype of HIV+ patients during CD4 cell-monitored treatment interruption: role of the IL-7/IL-7 receptor system. <i>Aids</i> , 2006, 20, 2021-2032.	1.0	20
68	Polychromatic Analysis of Mitochondrial Membrane Potential Using JC-1. <i>Current Protocols in Cytometry</i> , 2007, 41, Unit7.32.	3.7	20
69	T Cell Activation but Not Polyfunctionality after Primary HIV Infection Predicts Control of Viral Load and Length of the Time without Therapy. <i>PLoS ONE</i> , 2012, 7, e50728.	1.1	19
70	Single-cell profiling identifies impaired adaptive NK cells expanded after HCMV reactivation in haploidentical HSCT. <i>JCI Insight</i> , 2021, 6, .	2.3	19
71	CD4+ T-cell differentiation, regulatory T cells and gag-specific T lymphocytes are unaffected by CD4-guided treatment interruption and therapy resumption. <i>Aids</i> , 2011, 25, 1443-1453.	1.0	16
72	Filarial Infection Modulates the Immune Response to <i>Mycobacterium tuberculosis</i> through Expansion of CD4+ IL-4 Memory T Cells. <i>Journal of Immunology</i> , 2015, 194, 2706-2714.	0.4	16

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73	Tissue-resident and memory properties of human T _H 1 and NK cell subsets. <i>European Journal of Immunology</i> , 2016, 46, 1809-1817.	1.6	16
74	A fresh look at the T helper subset dogma. <i>Nature Immunology</i> , 2021, 22, 104-105.	7.0	16
75	Inhibiting the inhibitors. <i>Oncolmmunology</i> , 2013, 2, e26535.	2.1	15
76	B-cell reconstitution recapitulates B-cell lymphopoiesis following haploidentical BM transplantation and post-transplant CY. <i>Bone Marrow Transplantation</i> , 2015, 50, 317-319.	1.3	14
77	FACS Analysis of Memory T Lymphocytes. <i>Methods in Molecular Biology</i> , 2017, 1514, 31-47.	0.4	14
78	Herpes simplex virus type 1 dysregulates anti-fungal defenses preventing monocyte activation and downregulating toll-like receptor 2. <i>Microbiology and Immunology</i> , 2008, 52, 575-584.	0.7	12
79	Feasibility and Efficacy of CD45RA+ Depleted Donor Lymphocytes Infusion After Haploidentical Transplantation With Post-Transplantation Cyclophosphamide in Patients With Hematological Malignancies. <i>Transplantation and Cellular Therapy</i> , 2021, 27, 478.e1-478.e5.	0.6	12
80	Cancer immunotherapy turns viral. <i>Oncolmmunology</i> , 2013, 2, e24802.	2.1	11
81	Single-cell profiling defines the prognostic benefit of CD39 ^{high} tissue resident memory CD8 ⁺ T cells in luminal-like breast cancer. <i>Communications Biology</i> , 2021, 4, 1117.	2.0	11
82	Mitochondrial membrane potential and nucleosidic inhibitors of HIV reverse transcriptase: a cytometric approach. <i>Mitochondrion</i> , 2004, 4, 271-278.	1.6	10
83	Investigating T Cells by Polychromatic Flow Cytometry. <i>Methods in Molecular Biology</i> , 2009, 514, 47-63.	0.4	10
84	An autofluorescence-based method for the isolation of highly purified ventricular cardiomyocytes. <i>Cardiovascular Research</i> , 2018, 114, 409-416.	1.8	9
85	Generating stem-like memory T cells with antioxidants for adoptive cell transfer immunotherapy of cancer. <i>Methods in Enzymology</i> , 2020, 631, 137-158.	0.4	8
86	Aggressive early-stage lung adenocarcinoma is characterized by epithelial cell plasticity with acquirement of stem-like traits and immune evasion phenotype. <i>Oncogene</i> , 2021, 40, 4980-4991.	2.6	8
87	InteractomeSeq: a web server for the identification and profiling of domains and epitopes from phage display and next generation sequencing data. <i>Nucleic Acids Research</i> , 2020, 48, W200-W207.	6.5	7
88	Novel multifunctional antibody approved for the treatment of breast cancer. <i>Oncolmmunology</i> , 2013, 2, e24567.	2.1	6
89	Editorial: NK cell immune activation in HIV-1 infection: flipping the bad and good side of the same coin. <i>Journal of Leukocyte Biology</i> , 2014, 96, 1-3.	1.5	6
90	Single-cell profiling reveals the dynamics of cytomegalovirus-specific T cells in haploidentical hematopoietic stem cell transplantation. <i>Haematologica</i> , 2021, 106, 2768-2773.	1.7	6

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91	Cancer neoantigens targeted by adoptive T cell transfer: private no more. Journal of Clinical Investigation, 2019, 129, 949-951.	3.9	5
92	Rejuvenated T cells attack old tumors. OncoImmunology, 2013, 2, e24103.	2.1	4
93	Harnessing Stem Cell-Like Memory T Cells for Adoptive Cell Transfer Therapy of Cancer. Cancer Drug Discovery and Development, 2015, , 183-209.	0.2	4
94	Paths to expansion: Differential requirements of IRF4 in CD8 ⁺ T cell expansion driven by antigen and homeostatic cytokines. European Journal of Immunology, 2018, 48, 1281-1284.	1.6	3
95	Differentiation of Diverse Progenies of Memory T Cells from Naïve CD8+ T Cell Precursors. Methods in Molecular Biology, 2017, 1514, 103-110.	0.4	1
96	Lymphocytes Sub-Types and Functions in Centenarians as Models for Successful Ageing. , 2009, , 29-62.		0