

Ennio Carbone

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,845
citations

186265

28
h-index

168389

53
g-index

58
all docs

58
docs citations

58
times ranked

4883
citing authors

#	ARTICLE	IF	CITATIONS
1	NCRs and DNAM-1 mediate NK cell recognition and lysis of human and mouse melanoma cell lines in vitro and in vivo. <i>Journal of Clinical Investigation</i> , 2009, 119, 1251-1263.	8.2	313
2	HLA class I, NKG2D, and natural cytotoxicity receptors regulate multiple myeloma cell recognition by natural killer cells. <i>Blood</i> , 2005, 105, 251-258.	1.4	291
3	Human NK Cells Selective Targeting of Colon Cancer-Initiating Cells: A Role for Natural Cytotoxicity Receptors and MHC Class I Molecules. <i>Journal of Immunology</i> , 2013, 190, 2381-2390.	0.8	224
4	A New Mechanism of NK Cell Cytotoxicity Activation: The CD40-CD40 Ligand Interaction. <i>Journal of Experimental Medicine</i> , 1997, 185, 2053-2060.	8.5	213
5	Recognition of autologous dendritic cells by human NK cells. <i>European Journal of Immunology</i> , 1999, 29, 4022-4029.	2.9	152
6	Enrichment of CD56dimKIR+CD57+ highly cytotoxic NK cells in tumour-infiltrated lymph nodes of melanoma patients. <i>Nature Communications</i> , 2014, 5, 5639.	12.8	109
7	Effect of frequently used chemotherapeutic drugs on the cytotoxic activity of human natural killer cells. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 644-654.	4.1	103
8	Pharmacological activation of p53 triggers anticancer innate immune response through induction of ULBP2. <i>Cell Cycle</i> , 2011, 10, 3346-3358.	2.6	93
9	Early hematopoietic zinc finger protein (EHZF), the human homolog to mouse Evi3, is highly expressed in primitive human hematopoietic cells. <i>Blood</i> , 2004, 103, 2062-2070.	1.4	91
10	Different Insight into Amphiphilic PEG-PLA Copolymers: Influence of Macromolecular Architecture on the Micelle Formation and Cellular Uptake. <i>Biomacromolecules</i> , 2014, 15, 403-415.	5.4	76
11	New views on natural killer cell-based immunotherapy for melanoma treatment. <i>Trends in Immunology</i> , 2010, 31, 339-345.	6.8	74
12	Human Cytomegalovirus Strain-Dependent Changes in NK Cell Recognition of Infected Fibroblasts. <i>Journal of Immunology</i> , 2000, 164, 4775-4782.	0.8	69
13	Synergistic effect of IFN- γ and human cytomegalovirus protein UL40 in the HLA-E-dependent protection from NK cell-mediated cytotoxicity. <i>European Journal of Immunology</i> , 2001, 31, 2926-2935.	2.9	66
14	LIR-1 expression on lymphocytes, and cytomegalovirus disease in lung-transplant recipients. <i>Lancet</i> , The, 2003, 361, 1099-1101.	13.7	62
15	IL-15, TIM-3 and NK cells subsets predict responsiveness to anti-CTLA-4 treatment in melanoma patients. <i>OncolImmunology</i> , 2017, 6, e1261242.	4.6	59
16	A New Biological Feature of Natural Killer Cells: The Recognition of Solid Tumor-Derived Cancer Stem Cells. <i>Frontiers in Immunology</i> , 2016, 7, 179.	4.8	52
17	NK cells control breast cancer and related cancer stem cell hematological spread. <i>OncolImmunology</i> , 2017, 6, e1284718.	4.6	47
18	Accumulation of Circulating CCR7+ Natural Killer Cells Marks Melanoma Evolution and Reveals a CCL19-Dependent Metastatic Pathway. <i>Cancer Immunology Research</i> , 2019, 7, 841-852.	3.4	47

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19	Gliadin Regulates the NK-Dendritic Cell Cross-Talk by HLA-E Surface Stabilization. <i>Journal of Immunology</i> , 2007, 179, 372-381.	0.8	44
20	Natural killer clones recognize specific soluble HLA class I molecules. <i>European Journal of Immunology</i> , 1996, 26, 683-689.	2.9	42
21	Spontaneous mutations in the human CMV HLA class I homologue UL18 affect its binding to the inhibitory receptor LIR-1/ILT2/CD85j. <i>European Journal of Immunology</i> , 2006, 36, 732-741.	2.9	42
22	Iron and Ferritin Modulate MHC Class I Expression and NK Cell Recognition. <i>Frontiers in Immunology</i> , 2019, 10, 224.	4.8	41
23	Increased Expression of Leukocyte Ig-Like Receptor-1 and Activating Role of UL18 in the Response to Cytomegalovirus Infection. <i>Journal of Immunology</i> , 2007, 178, 3536-3543.	0.8	38
24	Reduced expression of major histocompatibility complex class I free heavy chains and enhanced sensitivity to natural killer cells after incubation of human lymphoid lines with I ² -microglobulin. <i>European Journal of Immunology</i> , 1993, 23, 1752-1756.	2.9	32
25	Inhibition of natural killer cell-mediated bone marrow graft rejection by allogeneic major histocompatibility complex class I, but not class II molecules. <i>European Journal of Immunology</i> , 1995, 25, 1286-1291.	2.9	32
26	Human NK Cell Subsets in Pregnancy and Disease: Toward a New Biological Complexity. <i>Frontiers in Immunology</i> , 2016, 7, 656.	4.8	31
27	HLA class I downregulation is associated with enhanced NK cell killing of melanoma cells with acquired drug resistance to BRAF inhibitors. <i>European Journal of Immunology</i> , 2016, 46, 409-419.	2.9	31
28	NK and T cell subsets in malignant mesothelioma patients: Baseline pattern and changes in the context of anti-CTLA4 therapy. <i>International Journal of Cancer</i> , 2019, 145, 2238-2248.	5.1	31
29	Inhibition of Human NK Cell-Mediated Killing by CD1 Molecules. <i>Journal of Immunology</i> , 2000, 164, 6130-6137.	0.8	30
30	Microfluidic Devices Modulate Tumor Cell Line Susceptibility to NK Cell Recognition. <i>Small</i> , 2012, 8, 2886-2894.	10.0	29
31	N ⁶ -isopentenyladenosine, an endogenous isoprenoid end product, directly affects cytotoxic and regulatory functions of human NK cells through FDPS modulation. <i>Journal of Leukocyte Biology</i> , 2013, 94, 1207-1219.	3.3	28
32	Deregulation of SGK1 in Ulcerative Colitis: A Paradoxical Relationship Between Immune Cells and Colonic Epithelial Cells. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 1967-1977.	1.9	23
33	Microfluidic biofunctionalisation protocols to form multivalent interactions for cell rolling and phenotype modification investigations. <i>Electrophoresis</i> , 2013, 34, 1845-1851.	2.4	20
34	Inhibition of ERK and proliferation in NK cell lines by soluble HLA-E released from Japanese encephalitis virus infected cells. <i>Immunology Letters</i> , 2014, 162, 94-100.	2.5	20
35	Monitoring human leukocyte antigen class I molecules by micro-Raman spectroscopy at single-cell level. <i>Journal of Biomedical Optics</i> , 2010, 15, 027007.	2.6	18
36	Retuning of Mouse NK Cells after Interference with MHC Class I Sensing Adjusts Self-Tolerance but Preserves Anticancer Response. <i>Cancer Immunology Research</i> , 2016, 4, 113-123.	3.4	17

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37	Early Hematopoietic Zinc Finger Protein Prevents Tumor Cell Recognition by Natural Killer Cells. <i>Journal of Immunology</i> , 2009, 182, 4529-4537.	0.8	16
38	A Passive Microfluidic Device for Chemotaxis Studies. <i>Micromachines</i> , 2019, 10, 551.	2.9	16
39	Mitochondrial ribosomal protein S18-2 evokes chromosomal instability and transforms primary rat skin fibroblasts. <i>Oncotarget</i> , 2015, 6, 21016-21028.	1.8	16
40	New avenues for melanoma immunotherapy: Natural Killer cells?. <i>Scandinavian Journal of Immunology</i> , 2020, 91, e12861.	2.7	13
41	A Disposable Passive Microfluidic Device for Cell Culturing. <i>Biosensors</i> , 2020, 10, 18.	4.7	13
42	The Risk of Hepatocellular Carcinoma After Directly Acting Antivirals for Hepatitis C Virus Treatment in Liver Transplanted Patients: Is It Real?. <i>Hepatitis Monthly</i> , 2016, 16, e41933.	0.2	11
43	Differential involvement of CD40, CD80, and major histocompatibility complex class I molecules in cytotoxicity induction and interferon-gamma production by human natural killer effectors. <i>Journal of Leukocyte Biology</i> , 2002, 72, 305-11.	3.3	11
44	A novel facet of tumor suppression by p53. <i>Oncolmmunology</i> , 2012, 1, 541-543.	4.6	8
45	Mechanical Stress Downregulates MHC Class I Expression on Human Cancer Cell Membrane. <i>PLoS ONE</i> , 2014, 9, e111758.	2.5	6
46	Isolation of cancer cells by <i>in situ</i> microfluidic biofunctionalization protocols. <i>Microelectronic Engineering</i> , 2014, 124, 76-80.	2.4	6
47	Clustering of Major Histocompatibility Complex-Class I Molecules in Healthy and Cancer Colon Cells Revealed from Their Nanomechanical Properties. <i>ACS Nano</i> , 2021, 15, 7500-7512.	14.6	6
48	Altered Frequencies and Functions of Innate Lymphoid Cells in Melanoma Patients Are Modulated by Immune Checkpoints Inhibitors. <i>Frontiers in Immunology</i> , 2022, 13, 811131.	4.8	6
49	A novel strategy of C-myc oncogene in NK activity regulation not related to the W6/32 MHC class-I epitope. <i>International Journal of Cancer</i> , 1994, 58, 123-128.	5.1	5
50	Autologous cytotoxicity of natural killer cells derived from HIV-infected patients. <i>Immunology Letters</i> , 2004, 91, 155-158.	2.5	5
51	Preliminary study of micromechanical stress delivery for cell biology studies. <i>Microelectronic Engineering</i> , 2007, 84, 1729-1732.	2.4	3
52	EFISà€¦I Ruggiero Ceppellini Advanced Immunology School Course: Tumour immunology 2017: From tissue microenvironment to immunotherapy. Naples 16à€“18 October 2017. <i>European Journal of Immunology</i> , 2018, 48, 559-561.	2.9	1
53	UniVax Day 2018 à€•Outreach to high school students to improve vaccination rates. <i>European Journal of Immunology</i> , 2018, 48, 1266-1268.	2.9	1
54	Microbes, immunity and cancer in Capri: Another successful course of the EFISà€¦I Ruggiero Ceppellini Advanced School of Immunology founded by Serafino Zappacosta. <i>European Journal of Immunology</i> , 2019, 49, 2123-2126.	2.9	1

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55	Serafino Zappacosta: An Enlightened Mentor and Educator. <i>Frontiers in Immunology</i> , 2020, 11, 217.	4.8	1
56	Synergistic effect of IFN- γ and human cytomegalovirus protein UL40 in the HLA-E-dependent protection from NK cell-mediated cytotoxicity. , 2001, 31, 2926.		1
57	The Dark Side of Innate Immunity Fosters Tumor Growth and Offers New Diagnostic. <i>Clinical Cancer Research</i> , 2019, 25, 3199-3201.	7.0	0