Francesco Colucci

List of Publications by Year in descending order

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Version: 2024-02-01

104 papers	7,526 citations	50276 46 h-index	54911 84 g-index
118 all docs	118 docs citations	118 times ranked	8717 citing authors

#	Article	IF	Citations
1	Beyond Maternal Tolerance: Education of Uterine Natural Killer Cells by Maternal MHC Drives Fetal Growth. Frontiers in Immunology, 2022, 13, .	4.8	5
2	Diversity of KIR genes and their HLA-C ligands in Ugandan populations with historically varied malaria transmission intensity. Malaria Journal, 2021, 20, 111.	2.3	5
3	Maternal natural killer cells at the intersection between reproduction and mucosal immunity. Mucosal Immunology, 2021, 14, 991-1005.	6.0	20
4	How Do Uterine Natural Killer and Innate Lymphoid Cells Contribute to Successful Pregnancy?. Frontiers in Immunology, 2021, 12, 607669.	4.8	55
5	The CD94/NKG2A inhibitory receptor educates uterine NK cells to optimize pregnancy outcomes in humans and mice. Immunity, 2021, 54, 1231-1244.e4.	14.3	44
6	Biology and pathology of the uterine microenvironment and its natural killer cells. Cellular and Molecular Immunology, 2021, 18, 2101-2113.	10.5	45
7	Isolation of Uterine Innate Lymphoid Cells for Analysis by Flow Cytometry. Journal of Visualized Experiments, 2021, , .	0.3	0
8	Variations in killer-cell immunoglobulin-like receptor and human leukocyte antigen genes and immunity to malaria. Cellular and Molecular Immunology, 2020, 17, 799-806.	10.5	23
9	Sharing Knowledge With Young and Established Students of Immunology by the Neapolitan Gulf at the Ruggero Ceppellini Advanced School. Frontiers in Immunology, 2020, 11, 43.	4.8	0
10	Distinctive phenotypes and functions of innate lymphoid cells in human decidua during early pregnancy. Nature Communications, 2020, 11, 381.	12.8	110
11	Placentation and antitumor immunity regulated by a scaffolding protein in NK cells. Science Immunology, 2019, 4, .	11.9	2
12	The immunological code of pregnancy. Science, 2019, 365, 862-863.	12.6	27
13	Microbes, immunity and cancer in Capri: Another successful course of the EFISâ€EJI Ruggero Ceppellini Advanced School of Immunology founded by Serafino Zappacosta. European Journal of Immunology, 2019, 49, 2123-2126.	2.9	1
14	A comparative analysis of immune privilege in pregnancy and cancer in the context of checkpoint blockade immunotherapy. Seminars in Oncology, 2018, 45, 170-175.	2.2	17
15	Single-Cell Analysis Identifies Thymic Maturation Delay in Growth-Restricted Neonatal Mice. Frontiers in Immunology, 2018, 9, 2523.	4.8	4
16	High-Resolution Genetic and Phenotypic Analysis of KIR2DL1 Alleles and Their Association with Pre-Eclampsia. Journal of Immunology, 2018, 201, 2593-2601.	0.8	33
17	Molecular definition of group 1 innate lymphoid cells in the mouse uterus. Nature Communications, 2018, 9, 4492.	12.8	77
18	Spontaneous pulmonary hypertension in genetic mouse models of natural killer cell deficiency. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L977-L990.	2.9	30

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19	Maternal allo-recognition of the fetus. Fertility and Sterility, 2017, 107, 1269-1272.	1.0	73
20	IL-15, TIM-3 and NK cells subsets predict responsiveness to anti-CTLA-4 treatment in melanoma patients. OncoImmunology, 2017, 6, e1261242.	4.6	59
21	Decidualisation and placentation defects are a major cause of age-related reproductive decline. Nature Communications, 2017, 8, 352.	12.8	107
22	Killerâ€cell immunoglobulinâ€like receptors on the cusp of modern immunogenetics. Immunology, 2017, 152, 556-561.	4.4	13
23	The role of KIR and HLA interactions in pregnancy complications. Immunogenetics, 2017, 69, 557-565.	2.4	60
24	Uterine Natural Killer Cells: Functional Distinctions and Influence on Pregnancy in Humans and Mice. Frontiers in Immunology, 2017, 8, 467.	4.8	176
25	The Residual Innate Lymphoid Cells in NFIL3-Deficient Mice Support Suboptimal Maternal Adaptations to Pregnancy. Frontiers in Immunology, 2016, 7, 43.	4.8	62
26	Imagine a world without borders: an immunologist's thoughts on Brexit. EMBO Reports, 2016, 17, 1241-1241.	4.5	1
27	Variation of maternal KIR and fetal HLA-C genes in reproductive failure: too early for clinical intervention. Reproductive BioMedicine Online, 2016, 33, 763-769.	2.4	73
28	HLA class I downregulation is associated with enhanced NKâ€cell killing of melanoma cells with acquired drug resistance to BRAF inhibitors. European Journal of Immunology, 2016, 46, 409-419.	2.9	31
29	Activating KIR2DS4 Is Expressed by Uterine NK Cells and Contributes to Successful Pregnancy. Journal of Immunology, 2016, 197, 4292-4300.	0.8	80
30	Tissue-Specific Education of Decidual NK Cells. Journal of Immunology, 2015, 195, 3026-3032.	0.8	88
31	Assessment of Maternal Vascular Remodeling During Pregnancy in the Mouse Uterus. Journal of Visualized Experiments, 2015, , e53534.	0.3	12
32	Coâ€evolution of <scp>NK</scp> receptors and <scp>HLA</scp> ligands in humans is driven by reproduction. Immunological Reviews, 2015, 267, 283-297.	6.0	154
33	Disrupted PI3K p110Î´ Signaling Dysregulates Maternal Immune Cells and Increases Fetal Mortality In Mice. Cell Reports, 2015, 13, 2817-2828.	6.4	15
34	A KIR B centromeric region present in Africans but not Europeans protects pregnant women from pre-eclampsia. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 845-850.	7.1	134
35	Immunomodulation of Selective Naive T Cell Functions by p110Î´ Inactivation Improves the Outcome of Mismatched Cell Transplantation. Cell Reports, 2015, 10, 702-710.	6.4	12
36	An Oral Commensal Associates with Disease: Chicken, Egg, or Red Herring?. Immunity, 2015, 42, 208-210.	14.3	13

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37	Maternal uterine natural killer cells nurture fetal growth: in medio stat virtus. Trends in Molecular Medicine, 2015, 21, 60-67.	6.7	31
38	Analysis of T and NK cells immune response in Ipilimumab treated Melanoma patients. Journal of Translational Medicine, 2015, 13, O8.	4.4	2
39	ILâ€12/15/18â€preactivated NKÂcells suppress GvHD in a mouse model of mismatched hematopoietic cell transplantation. European Journal of Immunology, 2015, 45, 1727-1735.	2.9	45
40	Composition, Development, and Function of Uterine Innate Lymphoid Cells. Journal of Immunology, 2015, 195, 3937-3945.	0.8	130
41	Enrichment of CD56dimKIR+CD57+ highly cytotoxic NK cells in tumour-infiltrated lymph nodes of melanoma patients. Nature Communications, 2014, 5, 5639.	12.8	109
42	MHC-dependent inhibition of uterine NK cells impedes fetal growth and decidual vascular remodelling. Nature Communications, 2014, 5, 3359.	12.8	90
43	Medawar and the immunological paradox of pregnancy: 60 years on. European Journal of Immunology, 2014, 44, 1883-1885.	2.9	24
44	Harnessing host innate immunity may combat acquired resistance to BRAFi. Journal of Translational Medicine, 2014, 12, O10.	4.4	0
45	Enrichment of KIR+CD57+ highly cytotoxic NK cells in sentinel lymph nodes of melanoma patients. Journal of Translational Medicine, 2014, 12, P10.	4.4	0
46	Uterine NK cells: active regulators at the maternal-fetal interface. Journal of Clinical Investigation, 2014, 124, 1872-1879.	8.2	309
47	Maternal uterine NK cellâ€“activating receptor KIR2DS1 enhances placentation. Journal of Clinical Investigation, 2013, 123, 4264-4272.	8.2	231
48	DBA-Lectin Reactivity Defines Mouse Uterine Natural Killer Cell Subsets with Biased Gene Expression1. Biology of Reproduction, 2012, 87, 81.	2.7	69
49	Impaired Natural Killer Cell Phenotype and Function in Idiopathic and Heritable Pulmonary Arterial Hypertension. Circulation, 2012, 126, 1099-1109.	1.6	99
50	How does variability of immune system genes affect placentation?. Placenta, 2011, 32, 539-545.	1.5	49
51	Guardian of the genome turns on genes that alert natural killer cells. Cell Cycle, 2011, 10, 3822-3822.	2.6	1
52	Inositol Phospholipid Signaling and the Biology of Natural Killer Cells. Journal of Innate Immunity, 2011, 3, 249-257.	3.8	38
53	Reply to Lenz: Parental MHC disparity may affect offspring fitness via uterine natural killer cells. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E254-E254.	7.1	0
54	Paternal MHC expression on mouse trophoblast affects uterine vascularization and fetal growth. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4012-4017.	7.1	138

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55	Reprogramming of T Cells to Natural Killerâ€“Like Cells upon Bcl11b Deletion. Science, 2010, 329, 85-89.	12.6	294
56	Taming killer cells may halt diabetes progression. Nature Immunology, 2010, 11, 111-112.	14.5	3
57	Immature NK Cells, Capable of Producing IL-22, Are Present in Human Uterine Mucosa. Journal of Immunology, 2010, 185, 3913-3918.	0.8	153
58	New views on natural killer cell-based immunotherapy for melanoma treatment. Trends in Immunology, 2010, 31, 339-345.	6.8	74
59	Analysis of Uterine Natural Killer Cells in Mice. Methods in Molecular Biology, 2010, 612, 465-503.	0.9	55
60	A Simple Method to Measure NK Cell Cytotoxicity In Vivo. Methods in Molecular Biology, 2010, 612, 325-334.	0.9	6
61	Dicer-Dependent MicroRNA Pathway Controls Invariant NKT Cell Development. Journal of Immunology, 2009, 183, 2506-2512.	0.8	82
62	p110Â and p110Â isoforms of phosphoinositide 3-kinase differentially regulate natural killer cell migration in health and disease. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5795-5800.	7.1	74
63	PI3K signalling in lymphocyte migration. Cell Cycle, 2009, 8, 3307-3310.	2.6	21
64	NCRs and DNAM-1 mediate NK cell recognition and lysis of human and mouse melanoma cell lines in vitro and in vivo. Journal of Clinical Investigation, 2009, 119, 1251-1263.	8.2	313
65	Unique Receptor Repertoire in Mouse Uterine NK cells. Journal of Immunology, 2008, 181, 6140-6147.	0.8	126
66	Dormant Tumor Cells Develop Cross-Resistance to Apoptosis Induced by CTLs or Imatinib Mesylate via Methylation of Suppressor of Cytokine Signaling 1. Cancer Research, 2007, 67, 4491-4498.	0.9	46
67	p110Î´ is required for innate immunity to transplantable lymphomas. Biochemical Society Transactions, 2007, 35, 183-185.	3.4	16
68	The p110delta catalytic isoform of PI3K is a key player in NK-cell development and cytokine secretion. Blood, 2007, 110, 3202-3208.	1.4	83
69	Intellectual edge can be gained in translation. Nature, 2007, 446, 372-372.	27.8	0
70	Unexpected partnership between IL-15 and DAP10. Nature Immunology, 2007, 8, 1289-1291.	14.5	10
71	Phospholipase C-Î³2 is essential for NK cell cytotoxicity and innate immunity to malignant and virally infected cells. Blood, 2006, 107, 994-1002.	1.4	120
72	E2-2 Regulates the Expansion of Pro-B Cells and Follicular versus Marginal Zone Decisions. Journal of Immunology, 2006, 177, 6723-6729.	0.8	28

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73	Cmv4, a New Locus Linked to the NK Cell Gene Complex, Controls Innate Resistance to Cytomegalovirus in Wild-Derived Mice. Journal of Immunology, 2006, 176, 5478-5485.	0.8	43
74	Vav proteins regulate peripheral B-cell survival. Blood, 2005, 106, 2391-2398.	1.4	46
75	Anatomy of a murderâ€"signal transduction pathways leading to activation of natural killer cells. Immunology Letters, 2005, 97, 31-39.	2.5	26
76	Roles for Common Cytokine Receptor Î³-Chain-Dependent Cytokines in the Generation, Differentiation, and Maturation of NK Cell Precursors and Peripheral NK Cells in Vivo. Journal of Immunology, 2005, 174, 1213-1221.	0.8	248
77	The absence of Grb2-associated binder 2 (Gab2) does not disrupt NK cell development and functions. Journal of Leukocyte Biology, 2004, 76, 896-903.	3.3	11
78	PLCÎ³2 regulates Bcl-2 levels and is required for survival rather than differentiation of marginal zone and follicular Bâ€„cells. European Journal of Immunology, 2004, 34, 2237-2247.	2.9	27
79	He Who Laughs Last Laughs Bestâ€" Innate Immunity and Viral Selection. Immunity, 2004, 20, 656-658.	14.3	2
80	Combined deficiency in IÎºBÎ± and IÎºBÏµ reveals a critical window of NF-ÎºB activity in natural killer cell differentiation. Blood, 2004, 103, 4573-4580.	1.4	30
81	?A Japanese gentleman of the Samurai tradition?: Takeshi Matsunaga 1945?2003. Immunogenetics, 2003, 55, 515-520.	2.4	0
82	NKG2D triggers cytotoxicity in mouse NK cells lacking DAP12 or Syk family kinases. Nature Immunology, 2003, 4, 565-572.	14.5	166
83	What does it take to make a natural killer?. Nature Reviews Immunology, 2003, 3, 413-425.	22.7	437
84	GATA-3 Promotes Maturation, IFN-Î³ Production, and Liver-Specific Homing of NK Cells. Immunity, 2003, 19, 701-711.	14.3	218
85	A Critical Role for Syk Protein Tyrosine Kinase in Fc Receptor-Mediated Antigen Presentation and Induction of Dendritic Cell Maturation. Journal of Immunology, 2003, 170, 846-852.	0.8	123
86	Identification of the earliest prethymic bipotent T/NK progenitor in murine fetal liver. Blood, 2002, 99, 463-471.	1.4	83
87	Natural killer cell activation in mice and men: different triggers for similar weapons?. Nature Immunology, 2002, 3, 807-813.	14.5	173
88	Natural cytotoxicity uncoupled from the Syk and ZAP-70 intracellular kinases. Nature Immunology, 2002, 3, 288-294.	14.5	105
89	CTLA-4â^'/â^' Mice Display T Cell-apoptosis Resistance Resembling that Ascribed to Autoimmune-prone Non-obese Diabetic (NOD) Mice. Journal of Autoimmunity, 2001, 16, 105-113.	6.5	32
90	Differential requirement for the transcription factor PU.1 in the generation of natural killer cells versus B and T cells. Blood, 2001, 97, 2625-2632.	1.4	112

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91	Identification of committed NK cell progenitors in adult murine bone marrow. European Journal of Immunology, 2001, 31, 1900-1909.	2.9	314
92	Functional Dichotomy in Natural Killer Cell Signaling. Journal of Experimental Medicine, 2001, 193, 1413-1424.	8.5	75
93	Role of Qa-1b-binding receptors in the specificity of developing NK cells. European Journal of Immunology, 2000, 30, 1094-1101.	2.9	28
94	Tyrosine kinase SYK: essential functions for immunoreceptor signalling. Trends in Immunology, 2000, 21, 148-154.	7.5	376
95	The receptor tyrosine kinase c-kit provides a critical signal for survival, expansion, and maturation of mouse natural killer cells. Blood, 2000, 95, 984-991.	1.4	71
96	A New Look at Syk in Î±Î² and Î³Î´ T Cell Development Using Chimeric Mice with a Low Competitive Hematopoietic Environment. Journal of Immunology, 2000, 164, 5140-5145.	0.8	22
97	Natural killer and T cells of innate and adaptive immunity: lymphoid compartments with different requirements for common gamma chain-dependent cytokines. Immunological Reviews, 1998, 165, 29-38.	6.0	16
98	How murine genetics can help to identify susceptibility genes in human disease. , 1998, 14, 190-191.		0
99	Diabetes Induction in C57BL/6 Mice Reconstituted with Lymphocytes of Nonobese Diabetic <-> C57BL/6 Mouse Embryo Aggregation Chimeras. Scandinavian Journal of Immunology, 1998, 48, 571-576.	2.7	2
100	Apoptosis resistance of nonobese diabetic peripheral lymphocytes linked to the Idd5 diabetes susceptibility region. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 8670-8674.	7.1	111
101	Programmed Cell Death in the Pathogenesis of Murine IDDM: Resistance to Apoptosis Induced in Lymphocytes by Cyclophosphamide. Journal of Autoimmunity, 1996, 9, 271-276.	6.5	40
102	Induction of Diabetes in NOD<->C57BL/6 Embryo Aggregation Chimeras by Cyclophosphamide Through Preferential Depletion of C57BL/6 Lymphocytes. Journal of Autoimmunity, 1996, 9, 493-499.	6.5	3
103	Establishment and Characterization of RAGâ€2 Deficient Nonâ€Obese Diabetic Mice. Scandinavian Journal of Immunology, 1996, 43, 525-530.	2.7	25
104	Non-Diabetogenic Insulitis in NOD<->BIO. GD Allophenic Mice in Spite of Permissive Class I MHC Antigens. Scandinavian Journal of Immunology, 1994, 40, 659-664.	2.7	1