

# Federico Colombo

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

2,787  
citations

279701

23  
h-index

206029

48  
g-index

54  
all docs

54  
docs citations

54  
times ranked

6255  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Identification of a choroid plexus vascular barrier closing during intestinal inflammation. <i>Science</i> , 2021, 374, 439-448.	6.0	115
6	IRF4 instructs effector Treg differentiation and immune suppression in human cancer. <i>Journal of Clinical Investigation</i> , 2020, 130, 3137-3150.	3.9	103
7	Macrophage morphology correlates with single-cell diversity and prognosis in colorectal liver metastasis. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	99
8	NKp46-expressing human gut-resident intraepithelial $\gamma\delta$ T cell subpopulation exhibits high antitumor activity against colorectal cancer. <i>JCI Insight</i> , 2019, 4, .	2.3	77
9	miR-494-3p is a novel tumor driver of lung carcinogenesis. <i>Oncotarget</i> , 2017, 8, 7231-7247.	0.8	66
10	Residual dormant cancer stem-cell foci are responsible for tumor relapse after antiangiogenic metronomic therapy in hepatocellular carcinoma xenografts. <i>Laboratory Investigation</i> , 2012, 92, 952-966.	1.7	65
11	Evidence of Distinct Tumour-Propagating Cell Populations with Different Properties in Primary Human Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2011, 6, e21369.	1.1	56
12	The soluble glycoprotein NMB (GPNMB) produced by macrophages induces cancer stemness and metastasis via CD44 and IL-33. <i>Cellular and Molecular Immunology</i> , 2021, 18, 711-722.	4.8	54
13	Activation of the VEGFC/VEGFR3 Pathway Induces Tumor Immune Escape in Colorectal Cancer. <i>Cancer Research</i> , 2019, 79, 4196-4210.	0.4	53
14	Lipid-loaded tumor-associated macrophages sustain tumor growth and invasiveness in prostate cancer. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	53
15	Microvesicles: What is the Role in Multiple Sclerosis?. <i>Frontiers in Neurology</i> , 2015, 6, 111.	1.1	46
16	Amniotic Mesenchymal Stem Cells: A New Source for Hepatocyte-Like Cells and Induction of CFTR Expression by Coculture with Cystic Fibrosis Airway Epithelial Cells. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-15.	3.0	42
17	Background fluorescence and spreading error are major contributors of variability in high-dimensional flow cytometry data visualization by 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
18	TNF-Stimulated Gene-6 Is a Key Regulator in Switching Stemness and Biological Properties of Mesenchymal Stem Cells. <i>Stem Cells</i> , 2019, 37, 973-987.	1.4	36

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19	CXCR3 Identifies Human Naive CD8+ T Cells with Enhanced Effector Differentiation Potential. <i>Journal of Immunology</i> , 2019, 203, 3179-3189.	0.4	34
20	Giant Lysosomes as a Chemotherapy Resistance Mechanism in Hepatocellular Carcinoma Cells. <i>PLoS ONE</i> , 2014, 9, e114787.	1.1	33
21	Leukocyte Telomere Length in Alzheimer's Disease Patients with a Different Rate of Progression. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 761-769.	1.2	32
22	Neutralization of extracellular NAMPT (nicotinamide phosphoribosyltransferase) ameliorates experimental murine colitis. <i>Journal of Molecular Medicine</i> , 2020, 98, 595-612.	1.7	31
23	NKG2A expression identifies a subset of human V $\alpha$ 2 T cells exerting the highest antitumor effector functions. <i>Cell Reports</i> , 2021, 37, 109871.	2.9	30
24	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
25	Wnt signalling mediates miR-133a nuclear re-localization for the transcriptional control of Dnmt3b in cardiac cells. <i>Scientific Reports</i> , 2019, 9, 9320.	1.6	27
26	B Cell Activating Factor (BAFF) and BAFF Receptor Expression in Autoimmune and Nonautoimmune Thyroid Diseases. <i>Thyroid</i> , 2015, 25, 1043-1049.	2.4	24
27	Sorafenib suppresses extrahepatic metastasis de novo in hepatocellular carcinoma through inhibition of mesenchymal cancer stem cells characterized by the expression of CD90. <i>Scientific Reports</i> , 2017, 7, 11292.	1.6	24
28	Leukocyte Derived Microvesicles as Disease Progression Biomarkers in Slow Progressing Amyotrophic Lateral Sclerosis Patients. <i>Frontiers in Neuroscience</i> , 2019, 13, 344.	1.4	24
29	Differential expression and regulation of MS4A family members in myeloid cells in physiological and pathological conditions. <i>Journal of Leukocyte Biology</i> , 2022, 111, 817-836.	1.5	23
30	Serum amyloid P component is an essential element of resistance against <i>Aspergillus fumigatus</i> . <i>Nature Communications</i> , 2021, 12, 3739.	5.8	18
31	Inhibition of tumor-associated macrophages by trabectedin improves the antitumor adaptive immunity in response to anti-PD-1 therapy. <i>European Journal of Immunology</i> , 2021, 51, 2677-2686.	1.6	18
32	Expression of C19MC miRNAs in HCC associates with stem-cell features and the cancer-testis genes signature. <i>Digestive and Liver Disease</i> , 2018, 50, 583-593.	0.4	15
33	A tag-less method for direct isolation of human umbilical vein endothelial cells by gravitational field-flow fractionation. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 977-984.	1.9	13
34	MicroRNA-127-3p controls murine hematopoietic stem cell maintenance by limiting differentiation. <i>Haematologica</i> , 2019, 104, 1744-1755.	1.7	13
35	Impact of RAS mutations on the immune infiltrate of colorectal liver metastases: A preliminary study. <i>Journal of Leukocyte Biology</i> , 2020, 108, 715-721.	1.5	11
36	Single-cell profiling defines the prognostic benefit of CD39 <sup>high</sup> tissue resident memory CD8 <sup>+</sup> T cells in luminal-like breast cancer. <i>Communications Biology</i> , 2021, 4, 1117.	2.0	11

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37	Particulate matter phagocytosis induces tissue factor in differentiating macrophages. <i>Journal of Applied Toxicology</i> , 2016, 36, 151-160.	1.4	10
38	An autofluorescence-based method for the isolation of highly purified ventricular cardiomyocytes. <i>Cardiovascular Research</i> , 2018, 114, 409-416.	1.8	9
39	Diagnostic value of cell bound and circulating neutrophil antibody detection in pediatric neutropenia. <i>Pediatric Blood and Cancer</i> , 2018, 65, e26904.	0.8	9
40	Simultaneous characterization of progenitor cell compartments in adult human liver. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 31-40.	1.1	8
41	Evaluation of an easy and affordable flow cytometer for volumetric haematopoietic stem cell counting. <i>Blood Transfusion</i> , 2014, 12, 416-20.	0.3	8
42	PBX1-directed stem cell transcriptional program drives tumor progression in myeloproliferative neoplasm. <i>Stem Cell Reports</i> , 2021, 16, 2607-2616.	2.3	8
43	Animal model for liver cell banking from non-heart beating donors after prolonged ischaemia time. <i>Digestive and Liver Disease</i> , 2006, 38, 905-911.	0.4	6
44	Evaluation of a Multicolor, Single-Tube Technique To Enumerate Lymphocyte Subpopulations. <i>Vaccine Journal</i> , 2008, 15, 1124-1127.	3.2	5
45	PD06-10 LIQUID BIOPSY BY PROSTATE-DERIVED TUMOR CELLS ENRICHED FROM SEMINAL FLUID (SF): THE SEMEN PROSTATE CANCER TUMOR ELEMENTS (SPECTRE) PROJECT.. <i>Journal of Urology</i> , 2018, 199, .	0.2	3
46	Optimization of a Luciferase-Expressing Non-Invasive Intrapleural Model of Malignant Mesothelioma in Immunocompetent Mice. <i>Cancers</i> , 2020, 12, 2136.	1.7	3
47	Instrument Setting as a Crucial Checkpoint for Optimal T-Cell and Sorting. <i>Methods in Molecular Biology</i> , 2021, 2325, 1-27.	0.4	1
48	MP20-14 POSITIVE PROSTATE 68GAPSMa-PET/CT CORRELATES WITH DETECTION OF CD45-/PSMA+ NON-SPERM EPITHELIAL CELLS OBTAINED BY LIQUID BIOPSY OF SEMINAL FLUID IN PATIENTS WITH PROSTATE CANCER (PCA).. <i>Journal of Urology</i> , 2018, 199, .	0.2	0
49	3072 " MICRORNA-127-3P CONTROLS MURINE HEMATOPOIETIC STEM CELL MAINTENANCE BY LIMITING DIFFERENTIATION. <i>Experimental Hematology</i> , 2020, 88, S60.	0.2	0
50	3073 " PBX1 GENETIC ABLATION INHIBITS TUMOR GROWTH IN A MOUSE MODEL OF MYELOPROLIFERATIVE NEOPLASM. <i>Experimental Hematology</i> , 2020, 88, S60-S61.	0.2	0