

# Fabrizio Mattei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4960994/publications.pdf>

Version: 2024-02-01

52  
papers

4,301  
citations

236612

25  
h-index

223531

46  
g-index

52  
all docs

52  
docs citations

52  
times ranked

7242  
citing authors

#	ARTICLE	IF	CITATIONS
1	Type I interferons produced by dendritic cells promote their phenotypic and functional activation. <i>Blood</i> , 2002, 99, 3263-3271.	0.6	446
2	Classification of current anticancer immunotherapies. <i>Oncotarget</i> , 2014, 5, 12472-12508.	0.8	395
3	IL-15 Is Expressed by Dendritic Cells in Response to Type I IFN, Double-Stranded RNA, or Lipopolysaccharide and Promotes Dendritic Cell Activation. <i>Journal of Immunology</i> , 2001, 167, 1179-1187.	0.4	389
4	ICSBP Is Essential for the Development of Mouse Type I Interferon-producing Cells and for the Generation and Activation of CD8 $\alpha^+$ Dendritic Cells. <i>Journal of Experimental Medicine</i> , 2002, 196, 1415-1425.	4.2	389
5	Chemotherapy-induced antitumor immunity requires formyl peptide receptor 1. <i>Science</i> , 2015, 350, 972-978.	6.0	367
6	Cyclophosphamide Synergizes with Type I Interferons through Systemic Dendritic Cell Reactivation and Induction of Immunogenic Tumor Apoptosis. <i>Cancer Research</i> , 2011, 71, 768-778.	0.4	304
7	Cyclophosphamide induces type I interferon and augments the number of CD44 <sup>hi</sup> T lymphocytes in mice: implications for strategies of chemoimmunotherapy of cancer. <i>Blood</i> , 2000, 95, 2024-2030.	0.6	189
8	Eosinophils: The unsung heroes in cancer?. <i>Onc Immunology</i> , 2018, 7, e1393134.	2.1	184
9	IL-33 restricts tumor growth and inhibits pulmonary metastasis in melanoma-bearing mice through eosinophils. <i>Onc Immunology</i> , 2017, 6, e1317420.	2.1	137
10	Cross talk between cancer and immune cells: exploring complex dynamics in a microfluidic environment. <i>Lab on A Chip</i> , 2013, 13, 229-239.	3.1	126
11	The Tumor Microenvironment: A Pitch for Multiple Players. <i>Frontiers in Oncology</i> , 2013, 3, 90.	1.3	121
12	Type I Interferons as Stimulators of DC-Mediated Cross-Priming: Impact on Anti-Tumor Response. <i>Frontiers in Immunology</i> , 2013, 4, 483.	2.2	113
13	Type I IFNs Control Antigen Retention and Survival of CD8 $\alpha^+$ Dendritic Cells after Uptake of Tumor Apoptotic Cells Leading to Cross-Priming. <i>Journal of Immunology</i> , 2011, 186, 5142-5150.	0.4	110
14	Acidic microenvironment plays a key role in human melanoma progression through a sustained exosome mediated transfer of clinically relevant metastatic molecules. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 245.	3.5	104
15	ICSBP is critically involved in the normal development and trafficking of Langerhans cells and dermal dendritic cells. <i>Blood</i> , 2004, 103, 2221-2228.	0.6	98
16	The Pleiotropic Immunomodulatory Functions of IL-33 and Its Implications in Tumor Immunity. <i>Frontiers in Immunology</i> , 2018, 9, 2601.	2.2	74
17	Organs on chip approach: a tool to evaluate cancer-immune cells interactions. <i>Scientific Reports</i> , 2017, 7, 12737.	1.6	69
18	Cancer-driven dynamics of immune cells in a microfluidic environment. <i>Scientific Reports</i> , 2014, 4, 6639.	1.6	68

#	ARTICLE	IF	CITATIONS
19	Combining Type I Interferons and 5-Aza-2-Deoxycytidine to Improve Anti-Tumor Response against Melanoma. <i>Journal of Investigative Dermatology</i> , 2017, 137, 159-169.	0.3	60
20	IRF-8 Controls Melanoma Progression by Regulating the Cross Talk between Cancer and Immune Cells within the Tumor Microenvironment. <i>Neoplasia</i> , 2012, 14, 1223-IN43.	2.3	48
21	A multidisciplinary study using <i>in vivo</i> tumor models and microfluidic cell-on-chip approach to explore the cross-talk between cancer and immune cells. <i>Journal of Immunotoxicology</i> , 2014, 11, 337-346.	0.9	48
22	IL-33 Promotes CD11b/CD18-Mediated Adhesion of Eosinophils to Cancer Cells and Synapse-Polarized Degranulation Leading to Tumor Cell Killing. <i>Cancers</i> , 2019, 11, 1664.	1.7	45
23	STAT1 Regulates IFN- $\gamma$ - and IFN- $\beta$ -Dependent Control of Infection with <i>Chlamydia pneumoniae</i> by Nonhemopoietic Cells. <i>Journal of Immunology</i> , 2006, 176, 6982-6990.	0.4	41
24	Is There a Role for Basophils in Cancer?. <i>Frontiers in Immunology</i> , 2020, 11, 2103.	2.2	37
25	Regulation of immune cell homeostasis by type I interferons. <i>Cytokine and Growth Factor Reviews</i> , 2010, 21, 227-236.	3.2	34
26	Type I IFN regulate DC turnover <i>in vivo</i> . <i>European Journal of Immunology</i> , 2009, 39, 1807-1818.	1.6	31
27	Basophils in Tumor Microenvironment and Surroundings. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1224, 21-34.	0.8	30
28	From Petri Dishes to Organ on Chip Platform: The Increasing Importance of Machine Learning and Image Analysis. <i>Frontiers in Pharmacology</i> , 2019, 10, 100.	1.6	26
29	ICSBP/IRF-8 differentially regulates antigen uptake during dendritic-cell development and affects antigen presentation to CD4+ T cells. <i>Blood</i> , 2006, 108, 609-617.	0.6	25
30	Novel allergic asthma model demonstrates ST2-dependent dendritic cell targeting by cypress pollen. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 686-695.e7.	1.5	22
31	<i>Mycobacterium tuberculosis</i> PstS1 amplifies IFN- $\beta$ and induces IL-17/IL-22 responses by unrelated memory CD4 <sup>+</sup> T cells via dendritic cell activation. <i>European Journal of Immunology</i> , 2013, 43, 2386-2397.	1.6	21
32	Oncoimmunology Meets Organs-on-Chip. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 627454.	1.6	21
33	Eosinophils in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1273, 1-28.	0.8	20
34	Anti-Tumorigenic Activities of IL-33: A Mechanistic Insight. <i>Frontiers in Immunology</i> , 2020, 11, 571593.	2.2	19
35	Multi-scale generative adversarial network for improved evaluation of cell-cell interactions observed in organ-on-chip experiments. <i>Neural Computing and Applications</i> , 2021, 33, 3671-3689.	3.2	13
36	Acidic and Hypoxic Microenvironment in Melanoma: Impact of Tumour Exosomes on Disease Progression. <i>Cells</i> , 2021, 10, 3311.	1.8	12

#	ARTICLE	IF	CITATIONS
37	Differential Effects of Alarmins on Human and Mouse Basophils. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	10
38	Tumor-Intrinsic or Drug-Induced Immunogenicity Dictates the Therapeutic Success of the PD1/PDL Axis Blockade. <i>Cells</i> , 2020, 9, 940.	1.8	8
39	TIM-3 as a molecular switch for tumor escape from innate immunity. <i>Frontiers in Immunology</i> , 2013, 3, 418.	2.2	7
40	The dual role of IRF8 in cancer immunosurveillance. <i>OncotImmunology</i> , 2013, 2, e25476.	2.1	7
41	High-throughput analysis of cell-cell crosstalk in ad hoc designed microfluidic chips for oncoimmunology applications. <i>Methods in Enzymology</i> , 2020, 632, 479-502.	0.4	7
42	Interferon Regulatory Factor 8-Deficiency Determines Massive Neutrophil Recruitment but T Cell Defect in Fast Growing Granulomas during Tuberculosis. <i>PLoS ONE</i> , 2013, 8, e62751.	1.1	6
43	Selection of Patients with Monoclonal Grammopathy of Undetermined Significance is Mandatory for a Reliable Use of Interleukin-6 and Other Nonspecific Multiple Myeloma Serum Markers. <i>Acta Haematologica</i> , 1994, 92, 1-7.	0.7	5
44	Microfluidic Co-Culture Models for Dissecting the Immune Response in in vitro Tumor Microenvironments. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	5
45	Anticancer Effects of Sublingual Type I IFN in Combination with Chemotherapy in Implantable and Spontaneous Tumor Models. <i>Cells</i> , 2021, 10, 845.	1.8	4
46	BAX Gene Expression in Melanoma Metastases. <i>Journal of Investigative Dermatology</i> , 1996, 106, 382.	0.3	3
47	Traffic-related NO2 affects expression of Cupressus sempervirens L. pollen allergens. <i>Annals of Agricultural and Environmental Medicine</i> , 0, , .	0.5	2
48	Follow-up of IgD-Î <sup>g</sup> multiple myeloma by monitoring free light chains and total heavy chain IgD: A case report. <i>Oncology Letters</i> , 2016, 12, 1884-1888.	0.8	1
49	A Clonogenic Assay to Quantify Melanoma Micrometastases in Pulmonary Tissue. <i>Methods in Molecular Biology</i> , 2021, 2265, 385-406.	0.4	0
50	Late Breaking Abstract - Title: Air-born allergens modulate the immunological lung microenvironment. , 2017, , .		0
51	Abstract A091: IL-33 activates antitumoral toxicity in eosinophils through stimulation of contact-dependent degranulation. , 2019, , .		0
52	Cancer Immunology: From Molecular Mechanisms to Therapeutic Opportunities. <i>Cells</i> , 2022, 11, 459.	1.8	0