

# Francesco Tedesco

## List of Publications by Citations

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106  
papers

6,679  
citations

46  
h-index

81  
g-index

110  
ext. papers

7,745  
ext. citations

6.1  
avg, IF

5.52  
L-index

#	Paper	IF	Citations
106	Biologic response of B lymphoma cells to anti-CD20 monoclonal antibody rituximab in vitro: CD55 and CD59 regulate complement-mediated cell lysis. <i>Blood</i> , <b>2000</b> , 95, 3900-3908	2.2	477
105	Pathogenesis of antiphospholipid syndrome: understanding the antibodies. <i>Nature Reviews Rheumatology</i> , <b>2011</b> , 7, 330-9	8.1	374
104	The cytolytically inactive terminal complement complex activates endothelial cells to express adhesion molecules and tissue factor procoagulant activity. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 185, 1619-27	16.6	264
103	Thrombus formation induced by antibodies to beta2-glycoprotein I is complement dependent and requires a priming factor. <i>Blood</i> , <b>2005</b> , 106, 2340-6	2.2	256
102	Inhibiting the C5-C5a receptor axis. <i>Molecular Immunology</i> , <b>2011</b> , 48, 1631-42	4.3	230
101	Dynamics of complement activation in aHUS and how to monitor eculizumab therapy. <i>Blood</i> , <b>2014</b> , 124, 1715-26	2.2	220
100	Complement in human diseases: Lessons from complement deficiencies. <i>Molecular Immunology</i> , <b>2009</b> , 46, 2774-83	4.3	216
99	Alternative pathway activation of complement by Shiga toxin promotes exuberant C3a formation that triggers microvascular thrombosis. <i>Journal of Immunology</i> , <b>2011</b> , 187, 172-80	5.3	186
98	Recruitment of circulating NK cells through decidual tissues: a possible mechanism controlling NK cell accumulation in the uterus during early pregnancy. <i>Blood</i> , <b>2008</b> , 111, 3108-15	2.2	171
97	Complement-mediated demyelination in patients with IgM monoclonal gammopathy and polyneuropathy. <i>New England Journal of Medicine</i> , <b>1990</b> , 322, 649-52	59.2	154
96	Complement activation in patients with COVID-19: A novel therapeutic target. <i>Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 146, 215-217	11.5	150
95	Protection against inflammation- and autoantibody-caused fetal loss by the chemokine decoy receptor D6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 2319-24	11.5	150
94	C1q acts in the tumour microenvironment as a cancer-promoting factor independently of complement activation. <i>Nature Communications</i> , <b>2016</b> , 7, 10346	17.4	142
93	The complement system in the pathophysiology of pregnancy. <i>Molecular Immunology</i> , <b>2006</b> , 43, 68-77	4.3	135
92	CD38/CD31, the CCL3 and CCL4 chemokines, and CD49d/vascular cell adhesion molecule-1 are interchained by sequential events sustaining chronic lymphocytic leukemia cell survival. <i>Cancer Research</i> , <b>2009</b> , 69, 4001-9	10.1	134
91	In vivo targeting of human neutralizing antibodies against CD55 and CD59 to lymphoma cells increases the antitumor activity of rituximab. <i>Cancer Research</i> , <b>2007</b> , 67, 10556-63	10.1	131
90	The membrane attack complex of complement induces caspase activation and apoptosis. <i>European Journal of Immunology</i> , <b>2002</b> , 32, 783-92	6.1	121

89	C1q: A fresh look upon an old molecule. <i>Molecular Immunology</i> , <b>2017</b> , 89, 73-83	4.3	120
88	Osteoprotegerin increases leukocyte adhesion to endothelial cells both in vitro and in vivo. <i>Blood</i> , <b>2007</b> , 110, 536-43	2.2	112
87	An alternative role of C1q in cell migration and tissue remodeling: contribution to trophoblast invasion and placental development. <i>Journal of Immunology</i> , <b>2010</b> , 185, 4420-9	5.3	107
86	I. Adrenal cortex and steroid 21-hydroxylase autoantibodies in adult patients with organ-specific autoimmune diseases: markers of low progression to clinical Addison's disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1997</b> , 82, 932-8	5.6	103
85	Biologic response of B lymphoma cells to anti-CD20 monoclonal antibody rituximab in vitro: CD55 and CD59 regulate complement-mediated cell lysis. <i>Blood</i> , <b>2000</b> , 95, 3900-3908	2.2	102
84	A non-complement-fixing antibody to $\beta$ glycoprotein I as a novel therapy for antiphospholipid syndrome. <i>Blood</i> , <b>2014</b> , 123, 3478-87	2.2	98
83	Age and Sex-Associated Changes of Complement Activity and Complement Levels in a Healthy Caucasian Population. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2664	8.4	94
82	In vivo distribution of $\beta$ glycoprotein I under various pathophysiologic conditions. <i>Blood</i> , <b>2011</b> , 118, 4231-8	2.2	89
81	C1q as a unique player in angiogenesis with therapeutic implication in wound healing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 4209-14	11.5	86
80	Anti-Phospholipid Antibodies in COVID-19 Are Different From Those Detectable in the Anti-Phospholipid Syndrome. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 584241	8.4	86
79	Serum-resistant strains of <i>Borrelia burgdorferi</i> evade complement-mediated killing by expressing a CD59-like complement inhibitory molecule. <i>Journal of Immunology</i> , <b>2003</b> , 170, 3214-22	5.3	84
78	Platelet-activating factor and kinin-dependent vascular leakage as a novel functional activity of the soluble terminal complement complex. <i>Journal of Immunology</i> , <b>2004</b> , 173, 6921-7	5.3	81
77	Novel pathogenic mechanism and therapeutic approaches to angioedema associated with C1 inhibitor deficiency. <i>Journal of Allergy and Clinical Immunology</i> , <b>2009</b> , 124, 1303-10.e4	11.5	80
76	Controlling complement resistance in cancer by using human monoclonal antibodies that neutralize complement-regulatory proteins CD55 and CD59. <i>European Journal of Immunology</i> , <b>2005</b> , 35, 2175-83	6.1	79
75	Decidual endothelial cells express surface-bound C1q as a molecular bridge between endovascular trophoblast and decidual endothelium. <i>Molecular Immunology</i> , <b>2008</b> , 45, 2629-40	4.3	71
74	The neutrophil-activating protein of <i>Helicobacter pylori</i> crosses endothelia to promote neutrophil adhesion in vivo. <i>Journal of Immunology</i> , <b>2007</b> , 178, 1312-20	5.3	66
73	Bilirubin inhibits the TNF $\alpha$ -related induction of three endothelial adhesion molecules. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 386, 338-44	3.4	65
72	An immunohistochemical study of leucocytes in human endometrium, first and third trimester basal decidua. <i>Journal of Reproductive Immunology</i> , <b>1993</b> , 23, 41-9	4.2	64

71	Cross-talk between the complement system and endothelial cells in physiologic conditions and in vascular diseases. <i>Autoimmunity</i> , <b>2006</b> , 39, 417-28	3	63
70	Cytolytically inactive terminal complement complex causes transendothelial migration of polymorphonuclear leukocytes in vitro and in vivo. <i>Blood</i> , <b>2002</b> , 99, 185-92	2.2	62
69	Obstetric and vascular antiphospholipid syndrome: same antibodies but different diseases?. <i>Nature Reviews Rheumatology</i> , <b>2018</b> , 14, 433-440	8.1	61
68	Complement as effector system in cancer immunotherapy. <i>Immunology Letters</i> , <b>2007</b> , 111, 6-13	4.1	60
67	Complement activation and endothelial perturbation parallel COVID-19 severity and activity. <i>Journal of Autoimmunity</i> , <b>2021</b> , 116, 102560	15.5	57
66	Chemerin regulates NK cell accumulation and endothelial cell morphogenesis in the decidua during early pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, 3603-12	5.6	54
65	EMILIN1 represents a major stromal element determining human trophoblast invasion of the uterine wall. <i>Journal of Cell Science</i> , <b>2006</b> , 119, 4574-84	5.3	54
64	VE-cadherin is a critical molecule for trophoblast-endothelial cell interaction in decidual spiral arteries. <i>Experimental Cell Research</i> , <b>2005</b> , 303, 101-13	4.2	53
63	Complement activation in antiphospholipid syndrome and its inhibition to prevent rethrombosis after arterial surgery. <i>Blood</i> , <b>2016</b> , 127, 365-7	2.2	51
62	Complement activation in animal and human pregnancies as a model for immunological recognition. <i>Molecular Immunology</i> , <b>2011</b> , 48, 1621-30	4.3	49
61	Cross-talk between the complement and the kinin system in vascular permeability. <i>Immunology Letters</i> , <b>2011</b> , 140, 7-13	4.1	46
60	Complement production by trophoblast cells at the feto-maternal interface. <i>Journal of Reproductive Immunology</i> , <b>2009</b> , 82, 119-25	4.2	41
59	Intracerebroventricular injection of the terminal complement complex causes inflammatory reaction in the rat brain. <i>European Journal of Immunology</i> , <b>2003</b> , 33, 1260-70	6.1	41
58	Experimental induction of myelin changes by anti-MAG antibodies and terminal complement complex. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1995</b> , 54, 96-104	3.1	39
57	C7 is expressed on endothelial cells as a trap for the assembling terminal complement complex and may exert anti-inflammatory function. <i>Blood</i> , <b>2009</b> , 113, 3640-8	2.2	38
56	Treatment of experimental arthritis by targeting synovial endothelium with a neutralizing recombinant antibody to C5. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 2559-67		37
55	The cleavage site of C5 from man and animals as a common target for neutralizing human monoclonal antibodies: in vitro and in vivo studies. <i>European Journal of Immunology</i> , <b>2002</b> , 32, 2773-82	6.1	37
54	Complement activated by chimeric anti-folate receptor antibodies is an efficient effector system to control ovarian carcinoma. <i>Cancer Research</i> , <b>2006</b> , 66, 3876-83	10.1	31

53	Critical Role and Therapeutic Control of the Lectin Pathway of Complement Activation in an Abortion-Prone Mouse Mating. <i>Journal of Immunology</i> , <b>2015</b> , 195, 5602-7	5.3	28
52	Pathogenic Role of Complement in Antiphospholipid Syndrome and Therapeutic Implications. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1388	8.4	28
51	Selective therapeutic control of C5a and the terminal complement complex by anti-C5 single-chain Fv in an experimental model of antigen-induced arthritis in rats. <i>Arthritis and Rheumatism</i> , <b>2007</b> , 56, 1187-97		27
50	Biosynthesis of C3 by human mesangial cells. Modulation by proinflammatory cytokines. <i>Kidney International</i> , <b>1995</b> , 47, 829-36	9.9	27
49	Complement Protein C1q Binds to Hyaluronic Acid in the Malignant Pleural Mesothelioma Microenvironment and Promotes Tumor Growth. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1559	8.4	26
48	Inherited complement deficiencies and bacterial infections. <i>Vaccine</i> , <b>2008</b> , 26 Suppl 8, 13-8	4.1	26
47	The soluble terminal complement complex (SC5b-9) up-regulates osteoprotegerin expression and release by endothelial cells: implications in rheumatoid arthritis. <i>Rheumatology</i> , <b>2009</b> , 48, 293-8	3.9	25
46	Early regulators in abortion and implications for a preeclampsia model. <i>Journal of Reproductive Immunology</i> , <b>2009</b> , 82, 131-40	4.2	24
45	Inherited deficiencies of the terminal complement components. <i>International Reviews of Immunology</i> , <b>1993</b> , 10, 51-64	4.6	24
44	In Vivo Biodistribution and Lifetime Analysis of Cy5.5-Conjugated Rituximab in Mice Bearing Lymphoid Tumor Xenograft Using Time-Domain Near-Infrared Optical Imaging. <i>Molecular Imaging</i> , <b>2008</b> , 7, 7290.2008.00028	3.7	23
43	Orchestration of inflammation and adaptive immunity in <i>Borrelia burgdorferi</i> -induced arthritis by neutrophil-activating protein A. <i>Arthritis and Rheumatism</i> , <b>2013</b> , 65, 1232-42		22
42	Prevention of arthritis by locally synthesized recombinant antibody neutralizing complement component C5. <i>PLoS ONE</i> , <b>2013</b> , 8, e58696	3.7	22
41	Endothelial cells are a target of both complement and kinin system. <i>International Immunopharmacology</i> , <b>2008</b> , 8, 143-7	5.8	22
40	Posttransplant ischemia-reperfusion injury in transplanted heart is prevented by a minibody to the fifth component of complement. <i>Transplantation</i> , <b>2008</b> , 86, 1445-51	1.8	22
39	New insight into antiphospholipid syndrome: antibodies to $\alpha$ glycoprotein I-domain 5 fail to induce thrombi in rats. <i>Haematologica</i> , <b>2019</b> , 104, 819-826	6.6	21
38	Alternative functions of the complement protein C1q at embryo implantation site. <i>Journal of Reproductive Immunology</i> , <b>2017</b> , 119, 74-80	4.2	19
37	Effect of cytokines on the secretion of the fifth and eighth complement components by HepG2 cells. <i>International Journal of Clinical and Laboratory Research</i> , <b>1994</b> , 24, 45-8		19
36	Complement as a Biological Tool to Control Tumor Growth. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2203	8.4	19

35	Complement component C1q as potential diagnostic but not predictive marker of preeclampsia. <i>American Journal of Reproductive Immunology</i> , <b>2016</b> , 76, 475-481	3.8	18
34	Hepatocyte nuclear factor 1alpha controls the expression of terminal complement genes. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 194, 1683-9	16.6	18
33	MBL interferes with endovascular trophoblast invasion in pre-eclampsia. <i>Clinical and Developmental Immunology</i> , <b>2012</b> , 2012, 484321		17
32	An update on the xenograft and mouse models suitable for investigating new therapeutic compounds for the treatment of B-cell malignancies. <i>Current Pharmaceutical Design</i> , <b>2008</b> , 14, 2023-39	3.3	17
31	Placental trophoblast and endothelial cells as target of maternal immune response. <i>Autoimmunity</i> , <b>2003</b> , 36, 11-8	3	17
30	Targeting CD34 cells of the inflamed synovial endothelium by guided nanoparticles for the treatment of rheumatoid arthritis. <i>Journal of Autoimmunity</i> , <b>2019</b> , 103, 102288	15.5	14
29	Blood Cell-Bound C4d as a Marker of Complement Activation in Patients With the Antiphospholipid Syndrome. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 773	8.4	14
28	Humoral immunotherapy of multiple myeloma: perspectives and perplexities. <i>Expert Opinion on Biological Therapy</i> , <b>2010</b> , 10, 863-73	5.4	14
27	Targeted Delivery of Neutralizing Anti-C5 Antibody to Renal Endothelium Prevents Complement-Dependent Tissue Damage. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1093	8.4	13
26	The Complement System in the Pathophysiology of Pregnancy and in Systemic Autoimmune Rheumatic Diseases During Pregnancy. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 2084	8.4	13
25	Multiple-Organ Complement Deposition on Vascular Endothelium in COVID-19 Patients. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	13
24	In vivo biodistribution and lifetime analysis of cy5.5-conjugated rituximab in mice bearing lymphoid tumor xenograft using time-domain near-infrared optical imaging. <i>Molecular Imaging</i> , <b>2008</b> , 7, 272-82	3.7	13
23	Decidual-trophoblast interactions: decidual lymphoid cell populations in basal and parietal decidua. <i>Journal of Reproductive Immunology</i> , <b>1995</b> , 28, 165-71	4.2	12
22	Evidence of complement activation in the thrombotic small vessels of a patient with catastrophic antiphospholipid syndrome treated with eculizumab. <i>Autoimmunity Reviews</i> , <b>2019</b> , 18, 561-563	13.6	11
21	The J-elongated conformation of Eglycoprotein I predominates in solution: implications for our understanding of antiphospholipid syndrome. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 10794-10806	5.4	11
20	Multi-organ complement deposition in COVID-19 patients <b>2021</b> ,		9
19	Beta chain deficiency in three patients with dysfunctional C8 molecules. <i>Molecular Immunology</i> , <b>1983</b> , 20, 47-51	4.3	8
18	Anti-phospholipid antibodies in COVID-19 are different from those detectable in the anti-phospholipid syndrome <b>2020</b> ,		8

17	Complement Activation and Thrombin Generation by MBL Bound to $\alpha$ -Glycoprotein I. <i>Journal of Immunology</i> , <b>2020</b> , 205, 1385-1392	5.3	7
16	An insight into normal and pathological pregnancies using large-scale microarrays: lessons from microarrays. <i>Journal of Reproductive Immunology</i> , <b>2011</b> , 89, 163-72	4.2	6
15	Terminal Complement Complex: Regulation of Formation and Pathophysiological Functions <b>2004</b> , 97-127		6
14	Exploratory study on the effects of biodegradable nanoparticles with drugs on malignant B cells and on a human/mouse model of Burkitt lymphoma. <i>Current Clinical Pharmacology</i> , <b>2010</b> , 5, 246-50	2.5	5
13	An electrophysiological study of the effects of myasthenia gravis sera and complement on rat isolated muscle fibres. <i>Journal of Neuroimmunology</i> , <b>1993</b> , 45, 155-62	3.5	5
12	$\alpha$ glycoprotein I participates in phagocytosis of apoptotic neurons and in vascular injury in experimental brain stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2021</b> , 41, 2038-2053	7.3	3
11	An allosteric redox switch in domain V of $\alpha$ glycoprotein I controls membrane binding and anti-domain I autoantibody recognition. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 297, 100890	5.4	3
10	Role of the B1 bradykinin receptor and gC1qR/p33 in angioedema. <i>Immunology and Allergy Clinics of North America</i> , <b>2013</b> , 33, 535-44	3.3	2
9	European Union funded project on the development of a whole complement deficiency screening ELISA-A story of success and an exceptional manager: Mohamed R. Daha. <i>Molecular Immunology</i> , <b>2015</b> , 68, 63-6	4.3	1
8	Complement in autoimmunity and tissue injury. <i>Autoimmunity</i> , <b>2006</b> , 39, 355-356	3	1
7	The membrane attack complex of complement induces caspase activation and apoptosis <b>2002</b> , 32, 783		1
6	What is the Mechanism(s) of Antiphospholipid Antibody-Mediated Pregnancy Morbidity? <b>2012</b> , 79-101		0
5	ABSTRACTS: 12The complement component C1q: A novel angiogenic factor?. <i>American Journal of Reproductive Immunology</i> , <b>2008</b> , 60, 89-89	3.8	
4	The complement system at the feto-maternal interface: friend or foe?. <i>American Journal of Reproductive Immunology</i> , <b>2002</b> , 48, 142-143	3.8	
3	C8 <b>2000</b> , 123-130		
2	CCL3 and CCL4, the Major Chemokines Produced by CD38+ Chronic Lymphocytic Leukemia Cells, Facilitate Microenvironmental Interactions of Neoplastic Cells Via the CD49d/VCAM Pair.. <i>Blood</i> , <b>2008</b> , 112, 1055-1055	2.2	
1	Monocytes/Macrophages Are the Major Targets of the CCL3 Chemokine Produced by CD38+CD49d+ Chronic Lymphocytic Leukemia Cells.. <i>Blood</i> , <b>2009</b> , 114, 2350-2350	2.2	