

Francesco Tedesco

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Complement activation and endothelial perturbation parallel COVID-19 severity and activity. <i>Journal of Autoimmunity</i> , 2021 , 116, 102560	15.5	57
105	β ₂ 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> , 2021 , 41, 2038-2053	7.3	3
104	Multi-organ complement deposition in COVID-19 patients 2021 ,		9
103	An allosteric redox switch in domain V of β ₂ glycoprotein I controls membrane binding and anti-domain I autoantibody recognition. <i>Journal of Biological Chemistry</i> , 2021 , 297, 100890	5.4	3
102	Multiple-Organ Complement Deposition on Vascular Endothelium in COVID-19 Patients. <i>Biomedicines</i> , 2021 , 9,	4.8	13
101	Complement activation in patients with COVID-19: A novel therapeutic target. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 215-217	11.5	150
100	The J-elongated conformation of β ₂ glycoprotein I predominates in solution: implications for our understanding of antiphospholipid syndrome. <i>Journal of Biological Chemistry</i> , 2020 , 295, 10794-10806	5.4	11
99	Anti-phospholipid antibodies in COVID-19 are different from those detectable in the anti-phospholipid syndrome 2020 ,		8
98	The Complement System in the Pathophysiology of Pregnancy and in Systemic Autoimmune Rheumatic Diseases During Pregnancy. <i>Frontiers in Immunology</i> , 2020 , 11, 2084	8.4	13
97	Complement Activation and Thrombin Generation by MBL Bound to β ₂ -Glycoprotein I. <i>Journal of Immunology</i> , 2020 , 205, 1385-1392	5.3	7
96	Anti-Phospholipid Antibodies in COVID-19 Are Different From Those Detectable in the Anti-Phospholipid Syndrome. <i>Frontiers in Immunology</i> , 2020 , 11, 584241	8.4	86
95	Targeting CD34 cells of the inflamed synovial endothelium by guided nanoparticles for the treatment of rheumatoid arthritis. <i>Journal of Autoimmunity</i> , 2019 , 103, 102288	15.5	14
94	Blood Cell-Bound C4d as a Marker of Complement Activation in Patients With the Antiphospholipid Syndrome. <i>Frontiers in Immunology</i> , 2019 , 10, 773	8.4	14
93	Evidence of complement activation in the thrombotic small vessels of a patient with catastrophic antiphospholipid syndrome treated with eculizumab. <i>Autoimmunity Reviews</i> , 2019 , 18, 561-563	13.6	11
92	New insight into antiphospholipid syndrome: antibodies to β ₂ glycoprotein I-domain 5 fail to induce thrombi in rats. <i>Haematologica</i> , 2019 , 104, 819-826	6.6	21
91	Pathogenic Role of Complement in Antiphospholipid Syndrome and Therapeutic Implications. <i>Frontiers in Immunology</i> , 2018 , 9, 1388	8.4	28
90	Obstetric and vascular antiphospholipid syndrome: same antibodies but different diseases?. <i>Nature Reviews Rheumatology</i> , 2018 , 14, 433-440	8.1	61

89	Age and Sex-Associated Changes of Complement Activity and Complement Levels in a Healthy Caucasian Population. <i>Frontiers in Immunology</i> , 2018 , 9, 2664	8.4	94
88	Complement as a Biological Tool to Control Tumor Growth. <i>Frontiers in Immunology</i> , 2018 , 9, 2203	8.4	19
87	C1q: A fresh look upon an old molecule. <i>Molecular Immunology</i> , 2017 , 89, 73-83	4.3	120
86	Alternative functions of the complement protein C1q at embryo implantation site. <i>Journal of Reproductive Immunology</i> , 2017 , 119, 74-80	4.2	19
85	Targeted Delivery of Neutralizing Anti-C5 Antibody to Renal Endothelium Prevents Complement-Dependent Tissue Damage. <i>Frontiers in Immunology</i> , 2017 , 8, 1093	8.4	13
84	Complement Protein C1q Binds to Hyaluronic Acid in the Malignant Pleural Mesothelioma Microenvironment and Promotes Tumor Growth. <i>Frontiers in Immunology</i> , 2017 , 8, 1559	8.4	26
83	Complement component C1q as potential diagnostic but not predictive marker of preeclampsia. <i>American Journal of Reproductive Immunology</i> , 2016 , 76, 475-481	3.8	18
82	C1q acts in the tumour microenvironment as a cancer-promoting factor independently of complement activation. <i>Nature Communications</i> , 2016 , 7, 10346	17.4	142
81	Complement activation in antiphospholipid syndrome and its inhibition to prevent rethrombosis after arterial surgery. <i>Blood</i> , 2016 , 127, 365-7	2.2	51
80	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> , 2015 , 68, 63-6	4.3	1
79	Critical Role and Therapeutic Control of the Lectin Pathway of Complement Activation in an Abortion-Prone Mouse Mating. <i>Journal of Immunology</i> , 2015 , 195, 5602-7	5.3	28
78	A non-complement-fixing antibody to β glycoprotein I as a novel therapy for antiphospholipid syndrome. <i>Blood</i> , 2014 , 123, 3478-87	2.2	98
77	Dynamics of complement activation in aHUS and how to monitor eculizumab therapy. <i>Blood</i> , 2014 , 124, 1715-26	2.2	220
76	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> , 2014 , 111, 4209-14	11.5	86
75	Role of the B1 bradykinin receptor and gC1qR/p33 in angioedema. <i>Immunology and Allergy Clinics of North America</i> , 2013 , 33, 535-44	3.3	2
74	Orchestration of inflammation and adaptive immunity in <i>Borrelia burgdorferi</i> -induced arthritis by neutrophil-activating protein A. <i>Arthritis and Rheumatism</i> , 2013 , 65, 1232-42		22
73	Prevention of arthritis by locally synthesized recombinant antibody neutralizing complement component C5. <i>PLoS ONE</i> , 2013 , 8, e58696	3.7	22
72	Treatment of experimental arthritis by targeting synovial endothelium with a neutralizing recombinant antibody to C5. <i>Arthritis and Rheumatism</i> , 2012 , 64, 2559-67		37

71	Chemerin regulates NK cell accumulation and endothelial cell morphogenesis in the decidua during early pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 3603-12	5.6	54
70	MBL interferes with endovascular trophoblast invasion in pre-eclampsia. <i>Clinical and Developmental Immunology</i> , 2012 , 2012, 484321		17
69	What is the Mechanism(s) of Antiphospholipid Antibody-Mediated Pregnancy Morbidity? 2012 , 79-101		0
68	Pathogenesis of antiphospholipid syndrome: understanding the antibodies. <i>Nature Reviews Rheumatology</i> , 2011 , 7, 330-9	8.1	374
67	In vivo distribution of β glycoprotein I under various pathophysiologic conditions. <i>Blood</i> , 2011 , 118, 4231-8	2.2	89
66	Cross-talk between the complement and the kinin system in vascular permeability. <i>Immunology Letters</i> , 2011 , 140, 7-13	4.1	46
65	Complement activation in animal and human pregnancies as a model for immunological recognition. <i>Molecular Immunology</i> , 2011 , 48, 1621-30	4.3	49
64	Inhibiting the C5-C5a receptor axis. <i>Molecular Immunology</i> , 2011 , 48, 1631-42	4.3	230
63	An insight into normal and pathological pregnancies using large-scale microarrays: lessons from microarrays. <i>Journal of Reproductive Immunology</i> , 2011 , 89, 163-72	4.2	6
62	Alternative pathway activation of complement by Shiga toxin promotes exuberant C3a formation that triggers microvascular thrombosis. <i>Journal of Immunology</i> , 2011 , 187, 172-80	5.3	186
61	Humoral immunotherapy of multiple myeloma: perspectives and perplexities. <i>Expert Opinion on Biological Therapy</i> , 2010 , 10, 863-73	5.4	14
60	An alternative role of C1q in cell migration and tissue remodeling: contribution to trophoblast invasion and placental development. <i>Journal of Immunology</i> , 2010 , 185, 4420-9	5.3	107
59	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> , 2010 , 5, 246-50	2.5	5
58	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> , 2009 , 69, 4001-9	10.1	134
57	Complement production by trophoblast cells at the feto-maternal interface. <i>Journal of Reproductive Immunology</i> , 2009 , 82, 119-25	4.2	41
56	Early regulators in abortion and implications for a preeclampsia model. <i>Journal of Reproductive Immunology</i> , 2009 , 82, 131-40	4.2	24
55	Bilirubin inhibits the TNF α -related induction of three endothelial adhesion molecules. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 386, 338-44	3.4	65
54	Complement in human diseases: Lessons from complement deficiencies. <i>Molecular Immunology</i> , 2009 , 46, 2774-83	4.3	216

53	Novel pathogenic mechanism and therapeutic approaches to angioedema associated with C1 inhibitor deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 124, 1303-10.e4	11.5	80
52	C7 is expressed on endothelial cells as a trap for the assembling terminal complement complex and may exert anti-inflammatory function. <i>Blood</i> , 2009 , 113, 3640-8	2.2	38
51	The soluble terminal complement complex (SC5b-9) up-regulates osteoprotegerin expression and release by endothelial cells: implications in rheumatoid arthritis. <i>Rheumatology</i> , 2009 , 48, 293-8	3.9	25
50	Monocytes/Macrophages Are the Major Targets of the CCL3 Chemokine Produced by CD38+CD49d+ Chronic Lymphocytic Leukemia Cells.. <i>Blood</i> , 2009 , 114, 2350-2350	2.2	
49	Recruitment of circulating NK cells through decidual tissues: a possible mechanism controlling NK cell accumulation in the uterus during early pregnancy. <i>Blood</i> , 2008 , 111, 3108-15	2.2	171
48	Decidual endothelial cells express surface-bound C1q as a molecular bridge between endovascular trophoblast and decidual endothelium. <i>Molecular Immunology</i> , 2008 , 45, 2629-40	4.3	71
47	Endothelial cells are a target of both complement and kinin system. <i>International Immunopharmacology</i> , 2008 , 8, 143-7	5.8	22
46	Inherited complement deficiencies and bacterial infections. <i>Vaccine</i> , 2008 , 26 Suppl 8, 13-8	4.1	26
45	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> , 2008 , 14, 2023-39	3.3	17
44	Posttransplant ischemia-reperfusion injury in transplanted heart is prevented by a minibody to the fifth component of complement. <i>Transplantation</i> , 2008 , 86, 1445-51	1.8	22
43	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> , 2008 , 7, 7290.2008.00028	3.7	23
42	ABSTRACTS: 12The complement component C1q: A novel angiogenic factor?. <i>American Journal of Reproductive Immunology</i> , 2008 , 60, 89-89	3.8	
41	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> , 2008 , 112, 1055-1055	2.2	
40	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> , 2008 , 7, 272-82	3.7	13
39	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> , 2007 , 56, 1187-97		27
38	Complement as effector system in cancer immunotherapy. <i>Immunology Letters</i> , 2007 , 111, 6-13	4.1	60
37	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> , 2007 , 104, 2319-24	11.5	150
36	In vivo targeting of human neutralizing antibodies against CD55 and CD59 to lymphoma cells increases the antitumor activity of rituximab. <i>Cancer Research</i> , 2007 , 67, 10556-63	10.1	131

35	The neutrophil-activating protein of <i>Helicobacter pylori</i> crosses endothelia to promote neutrophil adhesion in vivo. <i>Journal of Immunology</i> , 2007 , 178, 1312-20	5.3	66
34	Osteoprotegerin increases leukocyte adhesion to endothelial cells both in vitro and in vivo. <i>Blood</i> , 2007 , 110, 536-43	2.2	112
33	EMILIN1 represents a major stromal element determining human trophoblast invasion of the uterine wall. <i>Journal of Cell Science</i> , 2006 , 119, 4574-84	5.3	54
32	Complement activated by chimeric anti-folate receptor antibodies is an efficient effector system to control ovarian carcinoma. <i>Cancer Research</i> , 2006 , 66, 3876-83	10.1	31
31	Complement in autoimmunity and tissue injury. <i>Autoimmunity</i> , 2006 , 39, 355-356	3	1
30	Cross-talk between the complement system and endothelial cells in physiologic conditions and in vascular diseases. <i>Autoimmunity</i> , 2006 , 39, 417-28	3	63
29	The complement system in the pathophysiology of pregnancy. <i>Molecular Immunology</i> , 2006 , 43, 68-77	4.3	135
28	VE-cadherin is a critical molecule for trophoblast-endothelial cell interaction in decidual spiral arteries. <i>Experimental Cell Research</i> , 2005 , 303, 101-13	4.2	53
27	Thrombus formation induced by antibodies to beta2-glycoprotein I is complement dependent and requires a priming factor. <i>Blood</i> , 2005 , 106, 2340-6	2.2	256
26	Controlling complement resistance in cancer by using human monoclonal antibodies that neutralize complement-regulatory proteins CD55 and CD59. <i>European Journal of Immunology</i> , 2005 , 35, 2175-83	6.1	79
25	Platelet-activating factor and kinin-dependent vascular leakage as a novel functional activity of the soluble terminal complement complex. <i>Journal of Immunology</i> , 2004 , 173, 6921-7	5.3	81
24	Terminal Complement Complex: Regulation of Formation and Pathophysiological Functions 2004 , 97-127		6
23	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> , 2003 , 170, 3214-22	5.3	84
22	Placental trophoblast and endothelial cells as target of maternal immune response. <i>Autoimmunity</i> , 2003 , 36, 11-8	3	17
21	Intracerebroventricular injection of the terminal complement complex causes inflammatory reaction in the rat brain. <i>European Journal of Immunology</i> , 2003 , 33, 1260-70	6.1	41
20	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> , 2002 , 32, 2773-82	6.1	37
19	The membrane attack complex of complement induces caspase activation and apoptosis. <i>European Journal of Immunology</i> , 2002 , 32, 783-92	6.1	121
18	The complement system at the feto-maternal interface: friend or foe?. <i>American Journal of Reproductive Immunology</i> , 2002 , 48, 142-143	3.8	

17	Cytolytically inactive terminal complement complex causes transendothelial migration of polymorphonuclear leukocytes in vitro and in vivo. <i>Blood</i> , 2002 , 99, 185-92	2.2	62
16	The membrane attack complex of complement induces caspase activation and apoptosis 2002 , 32, 783		1
15	Hepatocyte nuclear factor 1alpha controls the expression of terminal complement genes. <i>Journal of Experimental Medicine</i> , 2001 , 194, 1683-9	16.6	18
14	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> , 2000 , 95, 3900-3908	2.2	477
13	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> , 2000 , 95, 3900-3908	2.2	102
12	C8 2000 , 123-130		
11	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> , 1997 , 82, 932-8	5.6	103
10	The cytolytically inactive terminal complement complex activates endothelial cells to express adhesion molecules and tissue factor procoagulant activity. <i>Journal of Experimental Medicine</i> , 1997 , 185, 1619-27	16.6	264
9	Biosynthesis of C3 by human mesangial cells. Modulation by proinflammatory cytokines. <i>Kidney International</i> , 1995 , 47, 829-36	9.9	27
8	Decidual-trophoblast interactions: decidual lymphoid cell populations in basal and parietal decidua. <i>Journal of Reproductive Immunology</i> , 1995 , 28, 165-71	4.2	12
7	Experimental induction of myelin changes by anti-MAG antibodies and terminal complement complex. <i>Journal of Neuropathology and Experimental Neurology</i> , 1995 , 54, 96-104	3.1	39
6	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> , 1994 , 24, 45-8		19
5	Inherited deficiencies of the terminal complement components. <i>International Reviews of Immunology</i> , 1993 , 10, 51-64	4.6	24
4	An immunohistochemical study of leucocytes in human endometrium, first and third trimester basal decidua. <i>Journal of Reproductive Immunology</i> , 1993 , 23, 41-9	4.2	64
3	An electrophysiological study of the effects of myasthenia gravis sera and complement on rat isolated muscle fibres. <i>Journal of Neuroimmunology</i> , 1993 , 45, 155-62	3.5	5
2	Complement-mediated demyelination in patients with IgM monoclonal gammopathy and polyneuropathy. <i>New England Journal of Medicine</i> , 1990 , 322, 649-52	59.2	154
1	Beta chain deficiency in three patients with dysfunctional C8 molecules. <i>Molecular Immunology</i> , 1983 , 20, 47-51	4.3	8