

# Nathalie Bardin

## List of Publications by Citations

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77  
papers

1,938  
citations

25  
h-index

42  
g-index

88  
ext. papers

2,312  
ext. citations

5.3  
avg, IF

4.1  
L-index

#	Paper	IF	Citations
77	Identification of CD146 as a component of the endothelial junction involved in the control of cell-cell cohesion. <i>Blood</i> , <b>2001</b> , 98, 3677-84	2.2	235
76	Endothelial microparticles: a potential contribution to the thrombotic complications of the antiphospholipid syndrome. <i>Thrombosis and Haemostasis</i> , <b>2004</b> , 91, 667-73	7	187
75	Outside-in signaling pathway linked to CD146 engagement in human endothelial cells. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 1564-9	5.4	99
74	CD146 and its soluble form regulate monocyte transendothelial migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2009</b> , 29, 746-53	9.4	86
73	Activation of human endothelial cells via S-endo-1 antigen (CD146) stimulates the tyrosine phosphorylation of focal adhesion kinase p125(FAK). <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 26852-6	5.4	78
72	Soluble CD146, a novel endothelial marker, is increased in physiopathological settings linked to endothelial junctional alteration. <i>Thrombosis and Haemostasis</i> , <b>2003</b> , 90, 915-20	7	77
71	Soluble CD146 displays angiogenic properties and promotes neovascularization in experimental hind-limb ischemia. <i>Blood</i> , <b>2010</b> , 115, 3843-51	2.2	59
70	Role of reactive oxygen species and p38 MAPK in the induction of the pro-adhesive endothelial state mediated by IgG from patients with anti-phospholipid syndrome. <i>International Immunology</i> , <b>2005</b> , 17, 489-500	4.9	55
69	Increased expression of CD146, a new marker of the endothelial junction in active inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , <b>2006</b> , 12, 16-21	4.5	53
68	CD146 short isoform increases the proangiogenic potential of endothelial progenitor cells in vitro and in vivo. <i>Circulation Research</i> , <b>2010</b> , 107, 66-75	15.7	51
67	Clinical Features and Complications of Coxiella burnetii Infections From the French National Reference Center for Q Fever. <i>JAMA Network Open</i> , <b>2018</b> , 1, e181580	10.4	46
66	Rickettsia conorii infection enhances vascular cell adhesion molecule-1- and intercellular adhesion molecule-1-dependent mononuclear cell adherence to endothelial cells. <i>Journal of Infectious Diseases</i> , <b>1997</b> , 175, 1142-52	7	45
65	Systemic Lupus Erythematosus and Antineutrophil Cytoplasmic Antibody-Associated Vasculitis Overlap Syndrome in Patients With Biopsy-Proven Glomerulonephritis. <i>Medicine (United States)</i> , <b>2016</b> , 95, e3748	1.8	43
64	Anticardiolipin IgG Autoantibody Level Is an Independent Risk Factor for COVID-19 Severity. <i>Arthritis and Rheumatology</i> , <b>2020</b> , 72, 1953-1955	9.5	40
63	Mouse CD146/MCAM is a marker of natural killer cell maturation. <i>European Journal of Immunology</i> , <b>2008</b> , 38, 2855-64	6.1	38
62	CD146 mediates VEGF-induced melanoma cell extravasation through FAK activation. <i>International Journal of Cancer</i> , <b>2015</b> , 137, 50-60	7.5	36
61	Soluble melanoma cell adhesion molecule (sMCAM/sCD146) promotes angiogenic effects on endothelial progenitor cells through angiomin. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 8991-9000	5.4	32

60	Immunoglobulin G anticardiolipin antibodies and progression to Q fever endocarditis. <i>Clinical Infectious Diseases</i> , <b>2013</b> , 57, 57-64	11.6	32
59	Correlation of clinicoserologic and pathologic classifications of inflammatory myopathies: study of 178 cases and guidelines for diagnosis. <i>Medicine (United States)</i> , <b>2013</b> , 92, 15-24	1.8	31
58	Evaluation of the BioPlex 2200 ANA screen for the detection of antinuclear antibodies and comparison with conventional methods. <i>Annals of the New York Academy of Sciences</i> , <b>2007</b> , 1109, 245-55	6.5	30
57	Antiphospholipid Antibody Syndrome With Valvular Vegetations in Acute Q Fever. <i>Clinical Infectious Diseases</i> , <b>2016</b> , 62, 537-44	11.6	26
56	Heterogeneous clinical spectrum of anti-SRP myositis and importance of the methods of detection of anti-SRP autoantibodies: a multicentric study. <i>Immunologic Research</i> , <b>2016</b> , 64, 677-86	4.3	26
55	Contribution of anti- $\beta$ glycoprotein I IgA antibodies to the diagnosis of anti-phospholipid syndrome: potential interest of target domains to discriminate thrombotic and non-thrombotic patients. <i>Rheumatology</i> , <b>2014</b> , 53, 1215-8	3.9	25
54	BioPlex 2200 multiplexed system: simultaneous detection of anti-dsDNA and anti-chromatin antibodies in patients with systemic lupus erythematosus. <i>Autoimmunity</i> , <b>2009</b> , 42, 63-8	3	25
53	Does the anti-prothrombin antibodies measurement provide additional information in patients with thrombosis?. <i>Immunobiology</i> , <b>2007</b> , 212, 557-65	3.4	25
52	CD146 (Cluster of Differentiation 146). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2019</b> , 39, 1026-33	10.33	24
51	Prevalence of autoantibodies to cyclic citrullinated peptide in patients with rheumatic diseases other than rheumatoid arthritis: a French multicenter study. <i>Clinical Reviews in Allergy and Immunology</i> , <b>2008</b> , 34, 40-4	12.3	24
50	Association between the Presence of Autoantibodies Targeting Ficolin-3 and Active Nephritis in Patients with Systemic Lupus Erythematosus. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160879	3.7	20
49	Elevated serum Krebs von den Lungen-6 in systemic sclerosis: a marker of lung fibrosis and severity of the disease. <i>Rheumatology International</i> , <b>2018</b> , 38, 813-819	3.6	19
48	Antiphospholipid antibodies in women undergoing in vitro fertilization treatment: clinical value of IgA anti- $\beta$ glycoprotein I antibodies determination. <i>BioMed Research International</i> , <b>2014</b> , 2014, 314704	3	18
47	Increased serum levels of fractalkine and mobilisation of CD34CD45 endothelial progenitor cells in systemic sclerosis. <i>Arthritis Research and Therapy</i> , <b>2017</b> , 19, 60	5.7	17
46	Soluble CD146 boosts therapeutic effect of endothelial progenitors through proteolytic processing of short CD146 isoform. <i>Cardiovascular Research</i> , <b>2016</b> , 111, 240-51	9.9	17
45	Thrombosis and antiphospholipid antibody syndrome during acute Q fever: A cross-sectional study. <i>Medicine (United States)</i> , <b>2017</b> , 96, e7578	1.8	15
44	Original approach for automated quantification of antinuclear autoantibodies by indirect immunofluorescence. <i>Clinical and Developmental Immunology</i> , <b>2013</b> , 2013, 182172		15
43	Antinuclear Antibodies in Patients with Psoriatic Arthritis Treated or Not with Biologics. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134218	3.7	15

42	Identification of soluble CD146 as a regulator of trophoblast migration: potential role in placental vascular development. <i>Angiogenesis</i> , <b>2013</b> , 16, 329-42	10.6	14
41	Tubular CD146 expression in nephropathies is related to chronic renal failure. <i>Nephron Experimental Nephrology</i> , <b>2005</b> , 99, e105-11		14
40	Guanabenz inhibits TLR9 signaling through a pathway that is independent of eIF2 $\alpha$ dephosphorylation by the GADD34/PP1c complex. <i>Science Signaling</i> , <b>2018</b> , 11,	8.8	13
39	Autoantibodies Targeting Ficolin-2 in Systemic Lupus Erythematosus Patients With Active Nephritis. <i>Arthritis Care and Research</i> , <b>2018</b> , 70, 1263-1268	4.7	13
38	Seasonal variations of systemic lupus erythematosus flares in southern France. <i>European Journal of Internal Medicine</i> , <b>2012</b> , 23, 250-4	3.9	13
37	New treatment options for lupus - a focus on belimumab. <i>Therapeutics and Clinical Risk Management</i> , <b>2012</b> , 8, 33-43	2.9	13
36	Heterogeneity of anti-beta2-glycoprotein I antibodies. A factor of variability in test results. <i>Thrombosis and Haemostasis</i> , <b>2005</b> , 93, 80-7	7	13
35	A novel anti-CD146 antibody specifically targets cancer cells by internalizing the molecule. <i>Oncotarget</i> , <b>2017</b> , 8, 112283-112296	3.3	12
34	The first assessment of soluble CD146 in women with unexplained pregnancy loss. <i>Thrombosis and Haemostasis</i> , <b>2005</b> , 94, 1280-1284	7	12
33	Low prevalence of anti-RNA polymerase III antibodies in a French scleroderma population: anti-RNA polymerase III scleroderma. <i>European Journal of Internal Medicine</i> , <b>2010</b> , 21, 114-7	3.9	10
32	Identification of CD146 as a novel molecular actor involved in systemic sclerosis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 140, 1448-1451.e6	11.5	9
31	Association between anti-C1q antibodies and glomerular tuft necrosis in lupus nephritis. <i>Clinical Nephrology</i> , <b>2012</b> , 77, 211-8	2.1	9
30	Therapeutic and Diagnostic Antibodies to CD146: Thirty Years of Research on Its Potential for Detection and Treatment of Tumors. <i>Antibodies</i> , <b>2017</b> , 6,	7	8
29	Prevalence of autoantibodies in the course of Gaucher disease type 1: A multicenter study comparing Gaucher disease patients to healthy subjects. <i>Joint Bone Spine</i> , <b>2018</b> , 85, 71-77	2.9	8
28	Soluble CD146 is a predictive marker of pejorative evolution and of sunitinib efficacy in clear cell renal cell carcinoma. <i>Theranostics</i> , <b>2018</b> , 8, 2447-2458	12.1	8
27	Restoration of soluble CD146 in patients with Crohn's disease treated with the TNF-alpha antagonist infliximab. <i>Inflammatory Bowel Diseases</i> , <b>2007</b> , 13, 1315-7	4.5	8
26	Soluble CD146, an innovative and non-invasive biomarker of embryo selection for in vitro fertilization. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173724	3.7	8
25	TH17 cells expressing CD146 are significantly increased in patients with Systemic sclerosis. <i>Scientific Reports</i> , <b>2019</b> , 9, 17721	4.9	8

24	The first assessment of soluble CD146 in women with unexplained pregnancy loss. A new insight?. <i>Thrombosis and Haemostasis</i> , <b>2005</b> , 94, 1280-4	7	8
23	Role of CD146 (MCAM) in Physiological and Pathological Angiogenesis-Contribution of New Antibodies for Therapy. <i>Biomedicines</i> , <b>2020</b> , 8,	4.8	7
22	Therapeutic targeting of soluble CD146/MCAM with the M2J-1 monoclonal antibody prevents metastasis development and procoagulant activity in CD146-positive invasive tumors. <i>International Journal of Cancer</i> , <b>2020</b> , 147, 1666-1679	7.5	7
21	Stem cell properties of peripheral blood endothelial progenitors are stimulated by soluble CD146 via miR-21: potential use in autologous cell therapy. <i>Scientific Reports</i> , <b>2018</b> , 8, 9387	4.9	6
20	Persistent IgG anticardiolipin autoantibodies are associated with post-COVID syndrome. <i>International Journal of Infectious Diseases</i> , <b>2021</b> , 113, 23-25	10.5	6
19	CD146/sCD146 in the Pathogenesis and Monitoring of Angiogenic and Inflammatory Diseases. <i>Biomedicines</i> , <b>2020</b> , 8,	4.8	3
18	ICARE improves antinuclear antibody detection by overcoming the barriers preventing accreditation. <i>Clinica Chimica Acta</i> , <b>2016</b> , 454, 57-61	6.2	3
17	Clinical evaluation of a new quantitative enzyme-linked immunosorbent assay for detection of double-stranded DNA autoantibodies. <i>Annals of the New York Academy of Sciences</i> , <b>2007</b> , 1109, 511-8	6.5	3
16	Sera From Patients With Minimal Change Disease Increase Endothelial Permeability to Sodium. <i>Kidney International Reports</i> , <b>2020</b> , 5, 1071-1075	4.1	2
15	Should we look for anti-RNA polymerase III antibodies in systemic sclerosis patients with anti-centromere or anti-topoisomerase I antibodies?. <i>European Journal of Internal Medicine</i> , <b>2017</b> , 44, e42-e44	3.9	2
14	Thromboses in tuberculosis are linked to antiphosphatidylethanolamine antibodies levels: A cross-sectional study. <i>Journal of Clinical Tuberculosis and Other Mycobacterial Diseases</i> , <b>2019</b> , 15, 100092 <sup>2.1</sup>		1
13	CD146 deficiency promotes plaque formation in a mouse model of atherosclerosis by enhancing RANTES secretion and leukocyte recruitment. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2019</b> , 130, 76-87	5.8	1
12	Lung involvement associated with anti-NXP2 autoantibodies in inflammatory myopathies: a French monocenter series. <i>Expert Review of Respiratory Medicine</i> , <b>2020</b> , 14, 845-850	3.8	1
11	Interest of IgG and IgM antiprothrombin autoantibodies in the exploration of antiphospholipid syndrome: a 5-year retrospective study. <i>Rheumatology</i> , <b>2020</b> , 59, 1539-1544	3.9	1
10	Reply. <i>Arthritis and Rheumatology</i> , <b>2021</b> , 73, 899-900	9.5	1
9	Anti-NuMA antibodies: clinical associations and significance in patients with primary Sjögren's syndrome or systemic lupus erythematosus. <i>Rheumatology</i> , <b>2021</b> , 60, 4074-4084	3.9	1
8	The Role of the Adhesion Receptor CD146 and Its Soluble Form in Human Embryo Implantation and Pregnancy. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 711394	8.4	1
7	Single or triple positivity for antiphospholipid antibodies in "carriers" or symptomatic patients: Untangling the knot. <i>Journal of Thrombosis and Haemostasis</i> , <b>2021</b> , 19, 3018-3030	15.4	1

6	Endothelial-Specific Deletion of CD146 Protects Against Experimental Glomerulonephritis in Mice. <i>Hypertension</i> , <b>2021</b> , 77, 1260-1272	8.5	o
5	Anti-Ephrin Type-B Receptor 2 (EphB2) and Anti-Three Prime Histone mRNA EXonuclease 1 (THEX1) Autoantibodies in Scleroderma and Lupus. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160283	3.7	o
4	Considering the level of myositis-specific autoantibodies could improve the precision of multiplex assay : lesson from patients with multiple positive results. <i>Seminars in Arthritis and Rheumatism</i> , <b>2021</b> , 52, 151871-151871	5.3	o
3	Biopsy-proven kidney involvement in hypocomplementemic urticarial vasculitis.. <i>BMC Nephrology</i> , <b>2022</b> , 23, 67	2.7	o
2	The outcome of ELISA for antiphosphatidylethanolamine antibodies is dependent on the composition of phosphatidylethanolamine. <i>Journal of Immunological Methods</i> , <b>2017</b> , 440, 27-34	2.5	
1	Soluble CD146 is increased in preeclampsia and interacts with galectin-1 to regulate trophoblast migration through VEGFR2 receptor.. <i>F&amp;S Science</i> , <b>2022</b> , 3, 84-94	0.4	