Nathalie Bardin

List of Publications by Year
in descending order

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84 papers	2,565 citations	201385 27 h-index	205818 48 g-index
88 all docs	88 docs citations	88 times ranked	3260 citing authors

#	Article	IF	Citations
1	Identification of CD146 as a component of the endothelial junction involved in the control of cell-cell cohesion. Blood, 2001, 98, 3677-3684.	0.6	268
2	Endothelial microparticles: a potential contribution to the thrombotic complications of the antiphospholipid syndrome. Thrombosis and Haemostasis, 2004, 91, 667-673.	1.8	218
3	Outside-in Signaling Pathway Linked to CD146 Engagement in Human Endothelial Cells. Journal of Biological Chemistry, 2001, 276, 1564-1569.	1.6	117
4	CD146 and its Soluble Form Regulate Monocyte Transendothelial Migration. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 746-753.	1.1	110
5	Soluble CD146, a novel endothelial marker, is increased in physiopathological settings linked to endothelial junctional alteration. Thrombosis and Haemostasis, 2003, 90, 915-920.	1.8	94
6	Activation of Human Endothelial Cells via S-Endo-1 Antigen (CD146) Stimulates the Tyrosine Phosphorylation of Focal Adhesion Kinase p125FAK. Journal of Biological Chemistry, 1998, 273, 26852-26856.	1.6	91
7	Clinical Features and Complications ofCoxiella burnetiiInfections From the French National Reference Center for Q Fever. JAMA Network Open, 2018, 1, e181580.	2.8	77
8	Soluble CD146 displays angiogenic properties and promotes neovascularization in experimental hind-limb ischemia. Blood, 2010, 115, 3843-3851.	0.6	75
9	Increased expression of CD146, a new marker of the endothelial junction in active inflammatory bowel disease. Inflammatory Bowel Diseases, 2006, 12, 16-21.	0.9	68
10	Systemic Lupus Erythematosus and Antineutrophil Cytoplasmic Antibody-Associated Vasculitis Overlap Syndrome in Patients With Biopsy-Proven Glomerulonephritis. Medicine (United States), 2016, 95, e3748.	0.4	64
11	Anticardiolipin IgG Autoantibody Level Is an Independent Risk Factor for COVIDâ€19 Severity. Arthritis and Rheumatology, 2020, 72, 1953-1955.	2.9	64
12	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. International Immunology, 2005, 17, 489-500.	1.8	62
13	CD146 Short Isoform Increases the Proangiogenic Potential of Endothelial Progenitor Cells In Vitro and In Vivo. Circulation Research, 2010, 107, 66-75.	2.0	62
14	RickettsiaconoriiInfection Enhances Vascular Cell Adhesion Moleculeâ€1 â€•and Intercellular Adhesion Moleculeâ€1â€Dependent Mononuclear Cell Adherence to Endothelial Cells. Journal of Infectious Diseases, 1997, 175, 1142-1152.	1.9	55
15	CD146 (Cluster of Differentiation 146). Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1026-1033.	1.1	54
16	CD146 mediates <scp>VEGF</scp>â€induced melanoma cell extravasation through <scp>FAK</scp> activation. International Journal of Cancer, 2015, 137, 50-60.	2.3	45
17	Mouse CD146/MCAM is a marker of natural killer cell maturation. European Journal of Immunology, 2008, 38, 2855-2864.	1.6	44
18	Correlation of Clinicoserologic and Pathologic Classifications of Inflammatory Myopathies. Medicine (United States), 2013, 92, 15-24.	0.4	42

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19	Soluble Melanoma Cell Adhesion Molecule (sMCAM/sCD146) Promotes Angiogenic Effects on Endothelial Progenitor Cells through Angiomotin. Journal of Biological Chemistry, 2013, 288, 8991-9000.	1.6	41
20	Immunoglobulin G Anticardiolipin Antibodies and Progression to Q Fever Endocarditis. Clinical Infectious Diseases, 2013, 57, 57-64.	2.9	38
21	Evaluation of the BioPlex 2200 ANA Screen for the Detection of Antinuclear Antibodies and Comparison with Conventional Methods. Annals of the New York Academy of Sciences, 2007, 1109, 245-255.	1.8	35
22	Antiphospholipid Antibody Syndrome With Valvular Vegetations in Acute Q Fever. Clinical Infectious Diseases, 2016, 62, 537-544.	2.9	33
23	Does the anti-prothrombin antibodies measurement provide additional information in patients with thrombosis?. Immunobiology, 2007, 212, 557-565.	0.8	32
24	Prevalence of Autoantibodies to Cyclic Citrullinated Peptide in Patients with Rheumatic Diseases other than Rheumatoid Arthritis: A French Multicenter Study. Clinical Reviews in Allergy and Immunology, 2008, 34, 40-44.	2.9	30
25	Contribution of anti-Î²2glycoprotein I IgA antibodies to the diagnosis of anti-phospholipid syndrome: potential interest of target domains to discriminate thrombotic and non-thrombotic patients. Rheumatology, 2014, 53, 1215-1218.	0.9	30
26	Soluble CD146 boosts therapeutic effect of endothelial progenitors through proteolytic processing of short CD146 isoform. Cardiovascular Research, 2016, 111, 240-251.	1.8	29
27	Heterogeneous clinical spectrum of anti-SRP myositis and importance of the methods of detection of anti-SRP autoantibodies: a multicentric study. Immunologic Research, 2016, 64, 677-686.	1.3	29
28	Elevated serum Krebs von den Lungen-6 in systemic sclerosis: a marker of lung fibrosis and severity of the disease. Rheumatology International, 2018, 38, 813-819.	1.5	29
29	BioPlexâ„¢ 2200 multiplexed system: Simultaneous detection of anti-dsDNA and anti-chromatin antibodies in patients with systemic lupus erythematosus. Autoimmunity, 2009, 42, 63-68.	1.2	28
30	Persistent IgG anticardiolipin autoantibodies are associated with post-COVID syndrome. International Journal of Infectious Diseases, 2021, 113, 23-25.	1.5	28
31	Antinuclear Antibodies in Patients with Psoriatic Arthritis Treated or Not with Biologics. PLoS ONE, 2015, 10, e0134218.	1.1	27
32	Normal and Pathological Placental Angiogenesis. BioMed Research International, 2015, 2015, 1-2.	0.9	25
33	Role of CD146 (MCAM) in Physiological and Pathological Angiogenesisâ€"Contribution of New Antibodies for Therapy. Biomedicines, 2020, 8, 633.	1.4	25
34	Antiphospholipid Antibodies in Women Undergoing In Vitro Fertilization Treatment: Clinical Value of IgA Anti-Î²2glycoprotein I Antibodies Determination. BioMed Research International, 2014, 2014, 1-5.	0.9	24
35	Association between the Presence of Autoantibodies Targeting Ficolin-3 and Active Nephritis in Patients with Systemic Lupus Erythematosus. PLoS ONE, 2016, 11, e0160879.	1.1	24
36	Seasonal variations of systemic lupus erythematosus flares in southern France. European Journal of Internal Medicine, 2012, 23, 250-254.	1.0	22

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37	Increased serum levels of fractalkine and mobilisation of CD34+CD45â^' endothelial progenitor cells in systemic sclerosis. Arthritis Research and Therapy, 2017, 19, 60.	1.6	22
38	Original Approach for Automated Quantification of Antinuclear Autoantibodies by Indirect Immunofluorescence. Clinical and Developmental Immunology, 2013, 2013, 1-8.	3.3	20
39	Thrombosis and antiphospholipid antibody syndrome during acute Q fever. Medicine (United States), 2017, 96, e7578.	0.4	19
40	Identification of soluble CD146 as a regulator of trophoblast migration: potential role in placental vascular development. Angiogenesis, 2013, 16, 329-342.	3.7	18
41	Identification of CD146 as a novel molecular actor involved in systemic sclerosis. Journal of Allergy and Clinical Immunology, 2017, 140, 1448-1451.e6.	1.5	18
42	TH17 cellsÂexpressing CD146 are significantly increased in patients with Systemic sclerosis. Scientific Reports, 2019, 9, 17721.	1.6	18
43	Tubular CD146 Expression in Nephropathies Is Related to Chronic Renal Failure. Nephron Experimental Nephrology, 2005, 99, e105-e111.	2.4	17
44	New treatment options for lupus – a focus on belimumab. Therapeutics and Clinical Risk Management, 2012, 8, 33.	0.9	17
45	A novel anti-CD146 antibody specifically targets cancer cells by internalizing the molecule. Oncotarget, 2017, 8, 112283-112296.	0.8	16
46	Soluble CD146 is a predictive marker of pejorative evolution and of sunitinib efficacy in clear cell renal cell carcinoma. Theranostics, 2018, 8, 2447-2458.	4.6	16
47	Therapeutic and Diagnostic Antibodies to CD146: Thirty Years of Research on Its Potential for Detection and Treatment of Tumors. Antibodies, 2017, 6, 17.	1.2	15
48	Guanabenz inhibits TLR9 signaling through a pathway that is independent of eIF2Î± dephosphorylation by the GADD34/PP1c complex. Science Signaling, 2018, 11, .	1.6	15
49	Heterogeneity of anti-Î²2-glycoprotein I antibodies. Thrombosis and Haemostasis, 2005, 93, 80-87.	1.8	14
50	Autoantibodies Targeting Ficolinâ€2 in Systemic Lupus Erythematosus Patients With Active Nephritis. Arthritis Care and Research, 2018, 70, 1263-1268.	1.5	14
51	The first assessment of soluble CD146 in women with unexplained pregnancy loss. Thrombosis and Haemostasis, 2005, 94, 1280-1284.	1.8	14
52	Therapeutic targeting of soluble CD146/MCAM with the M2Jâ€1 monoclonal antibody prevents metastasis development and procoagulant activity in CD146â€positive invasive tumors. International Journal of Cancer, 2020, 147, 1666-1679.	2.3	13
53	CD146/sCD146 in the Pathogenesis and Monitoring of Angiogenic and Inflammatory Diseases. Biomedicines, 2020, 8, 592.	1.4	12
54	Low prevalence of anti-RNA polymerase III antibodies in a French scleroderma population. European Journal of Internal Medicine, 2010, 21, 114-117.	1.0	11

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55	Association between anti-C1q antibodies and glomerular tuft necrosis in lupus nephritis. Clinical Nephrology, 2012, 77, 211-218.	0.4	11
56	Prevalence of autoantibodies in the course of Gaucher disease type 1: A multicenter study comparing Gaucher disease patients to healthy subjects. Joint Bone Spine, 2018, 85, 71-77.	0.8	9
57	Stem cell properties of peripheral blood endothelial progenitors are stimulated by soluble CD146 via miR-21: potential use in autologous cell therapy. Scientific Reports, 2018, 8, 9387.	1.6	9
58	Single or triple positivity for antiphospholipid antibodies in â€œcarriersâ€•or symptomatic patients: Untangling the knot. Journal of Thrombosis and Haemostasis, 2021, 19, 3018-3030.	1.9	9
59	Restoration of soluble CD146 in patients with CrohnÊ¼s disease treated with the TNF-Î± antagonist infliximab. Inflammatory Bowel Diseases, 2007, 13, 1315-1317.	0.9	8
60	Soluble CD146, an innovative and non-invasive biomarker of embryo selection for in vitro fertilization. PLoS ONE, 2017, 12, e0173724.	1.1	8
61	The first assessment of soluble CD146 in women with unexplained pregnancy loss. A new insight?. Thrombosis and Haemostasis, 2005, 94, 1280-4.	1.8	8
62	ICARE improves antinuclear antibody detection by overcoming the barriers preventing accreditation. Clinica Chimica Acta, 2016, 454, 57-61.	0.5	7
63	Quantification of Antifibrillarin (anti-U3 RNP) Antibodies: A New Insight for Patients with Systemic Sclerosis. Diagnostics, 2021, 11, 1064.	1.3	6
64	CD146 deficiency promotes plaque formation in a mouse model of atherosclerosis by enhancing RANTES secretion and leukocyte recruitment. Journal of Molecular and Cellular Cardiology, 2019, 130, 76-87.	0.9	5
65	Lung involvement associated with anti-NXP2 autoantibodies in inflammatory myopathies: a French monocenter series. Expert Review of Respiratory Medicine, 2020, 14, 845-850.	1.0	5
66	Should we look for anti-RNA polymerase III antibodies in systemic sclerosis patients with anti-centromere or anti-topoisomerase I antibodies?. European Journal of Internal Medicine, 2017, 44, e42-e44.	1.0	4
67	Interest of IgG and IgM antiprothrombin autoantibodies in the exploration of antiphospholipid syndrome: a 5-year retrospective study. Rheumatology, 2020, 59, 1539-1544.	0.9	4
68	Anti-NuMA antibodies: clinical associations and significance in patients with primary SjÃ¶grenâ€™s syndrome or systemic lupus erythematosus. Rheumatology, 2021, 60, 4074-4084.	0.9	4
69	Multiple variants of soluble CD146 are involved in Systemic Sclerosis: identification of a novel proâ€fibrotic factor. Arthritis and Rheumatology, 2022, , .	2.9	4
70	Clinical Evaluation of a New Quantitative Enzyme-Linked Immunosorbent Assay for Detection of Double-Stranded DNA Autoantibodies. Annals of the New York Academy of Sciences, 2007, 1109, 511-518.	1.8	3
71	Biopsy-proven kidney involvement in hypocomplementemic urticarial vasculitis. BMC Nephrology, 2022, 23, 67.	0.8	3
72	Thromboses in tuberculosis are linked to antiphosphatidylethanolamine antibodies levels: A cross-sectional study. Journal of Clinical Tuberculosis and Other Mycobacterial Diseases, 2019, 15, 100092.	0.6	2

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73	Sera From Patients With Minimal Change Disease Increase Endothelial Permeability to Sodium. Kidney International Reports, 2020, 5, 1071-1075.	0.4	2
74	Endothelial-Specific Deletion of CD146 Protects Against Experimental Glomerulonephritis in Mice. Hypertension, 2021, 77, 1260-1272.	1.3	2
75	Soluble CD146 as a Potential Target for Preventing Triple Negative Breast Cancer MDA-MB-231 Cell Growth and Dissemination. International Journal of Molecular Sciences, 2022, 23, 974.	1.8	2
76	Anti-Ephrin Type-B Receptor 2 (EphB2) and Anti-Three Prime Histone mRNA EXonuclease 1 (THEX1) Autoantibodies in Scleroderma and Lupus. PLoS ONE, 2016, 11, e0160283.	1.1	1
77	Reply. Arthritis and Rheumatology, 2021, 73, 899-900.	2.9	1
78	Considering the level of myositis-specific autoantibodies could improve the precision of multiplex assay : lesson from patients with multiple positive results. Seminars in Arthritis and Rheumatism, 2022, 52, 151871.	1.6	1
79	The Role of the Adhesion Receptor CD146 and Its Soluble Form in Human Embryo Implantation and Pregnancy. Frontiers in Immunology, 2021, 12, 711394.	2.2	1
80	Soluble CD146 is increased in preeclampsia and interacts with galectin-1 to regulate trophoblast migration through VEGFR2 receptor. F&S Science, 2022, 3, 84-94.	0.5	1
81	C0412 soluble CD146: A new angiogenic factor involved in physiopathology. Thrombosis Research, 2012, 130, S108.	0.8	0
82	The outcome of ELISA for antiphosphatidylethanolamine antibodies is dependent on the composition of phosphatidylethanolamine. Journal of Immunological Methods, 2017, 440, 27-34.	0.6	0
83	MCAM and its Isoforms as Novel Targets in Angiogenesis Research and Therapy. , 2017, , .		0
84	Lung involvement associated with anti-NXP2 autoantibodies: a monocentre observational French study. , 2018, , .		0