

# Annemiek B Van Spriel

## List of Publications by Year in descending order

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75  
papers

4,849  
citations

109321

35  
h-index

95266

68  
g-index

81  
all docs

81  
docs citations

81  
times ranked

5287  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Dectin-1 Deficiency and Mucocutaneous Fungal Infections. <i>New England Journal of Medicine</i> , 2009, 361, 1760-1767.	27.0	671
2	IgA and the IgA Fc receptor. <i>Trends in Immunology</i> , 2001, 22, 205-211.	6.8	254
3	Early Stop Polymorphism in Human DECTIN-1 Is Associated with Increased <i>Candida</i> Colonization in Hematopoietic Stem Cell Transplant Recipients. <i>Clinical Infectious Diseases</i> , 2009, 49, 724-732.	5.8	226
4	FcγRI-positive liver Kupffer cells: Reappraisal of the function of immunoglobulin A in immunity. <i>Nature Medicine</i> , 2000, 6, 680-685.	30.7	216
5	Tetraspanins: molecular organisers of the leukocyte surface. <i>Trends in Immunology</i> , 2003, 24, 610-617.	6.8	205
6	Mac-1 (CD11b/CD18) is essential for Fc receptor-mediated neutrophil cytotoxicity and immunologic synapse formation. <i>Blood</i> , 2001, 97, 2478-2486.	1.4	189
7	Tetraspanin microdomains in immune cell signalling and malignant disease. <i>Tissue Antigens</i> , 2004, 64, 533-542.	1.0	146
8	Immunotherapeutic perspective for bispecific antibodies. <i>Trends in Immunology</i> , 2000, 21, 391-397.	7.5	137
9	A Regulatory Role for CD37 in T Cell Proliferation. <i>Journal of Immunology</i> , 2004, 172, 2953-2961.	0.8	128
10	Human Immunoglobulin A Receptor (FcγRI, CD89) Function in Transgenic Mice Requires Both FcRγ Chain and CR3 (CD11b/CD18). <i>Blood</i> , 1999, 93, 4387-4394.	1.4	126
11	The tetraspanin web revisited by super-resolution microscopy. <i>Scientific Reports</i> , 2015, 5, 12201.	3.3	123
12	The Y238X Stop Codon Polymorphism in the Human β <sup>2</sup> -Glucan Receptor Dectin-1 and Susceptibility to Invasive Aspergillosis. <i>Journal of Infectious Diseases</i> , 2011, 203, 736-743.	4.0	111
13	FcγRI (CD89) as a Novel Trigger Molecule for Bispecific Antibody Therapy. <i>Blood</i> , 1997, 90, 4485-4492.	1.4	109
14	Immunoglobulin A-Mediated Protection against <i>Bordetella pertussis</i> Infection. <i>Infection and Immunity</i> , 2001, 69, 4846-4850.	2.2	101
15	Molecular interactions shaping the tetraspanin web. <i>Biochemical Society Transactions</i> , 2017, 45, 741-750.	3.4	97
16	Dectin-1 Interaction with Tetraspanin CD37 Inhibits IL-6 Production. <i>Journal of Immunology</i> , 2007, 178, 154-162.	0.8	96
17	The Tetraspanin CD37 Orchestrates the β <sup>4</sup> Integrin-Akt Signaling Axis and Supports Long-Lived Plasma Cell Survival. <i>Science Signaling</i> , 2012, 5, ra82.	3.6	89
18	Role of Pulmonary Surfactant Protein D in Innate Defense against <i>Candida albicans</i> . <i>Journal of Infectious Diseases</i> , 2000, 182, 917-922.	4.0	87

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19	Transforming Growth Factor- $\beta$ Levels in Maternal Milk and Expression in Postnatal Rat Duodenum and Ileum. <i>Pediatric Research</i> , 1998, 44, 524-531.	2.3	85
20	Effective Phagocytosis and Killing of <i>Candida albicans</i> via Targeting Fc $\gamma$ 3RI (CD64) or Fc $\gamma$ 2RI (CD89) on Neutrophils. <i>Journal of Infectious Diseases</i> , 1999, 179, 661-669.	4.0	76
21	The Tetraspanin Protein CD37 Regulates IgA Responses and Anti-Fungal Immunity. <i>PLoS Pathogens</i> , 2009, 5, e1000338.	4.7	73
22	Proteomics of Human Dendritic Cell Subsets Reveals Subset-Specific Surface Markers and Differential Inflammasome Function. <i>Cell Reports</i> , 2016, 16, 2953-2966.	6.4	72
23	Targeting to Fc $\gamma$ 3 Receptors, But Not CR3 (CD11b/CD18), Increases Clearance of <i>Bordetella pertussis</i> . <i>Journal of Infectious Diseases</i> , 2001, 183, 871-879.	4.0	69
24	The role of tetraspanins in the pathogenesis of infectious diseases. <i>Microbes and Infection</i> , 2010, 12, 106-112.	1.9	68
25	Mac-1 (CD11b/CD18) is crucial for effective Fc receptor-mediated immunity to melanoma. <i>Blood</i> , 2003, 101, 253-258.	1.4	66
26	Mac-1 (CD11b/CD18) as Accessory Molecule for Fc $\gamma$ 2R (CD89) Binding of IgA. <i>Journal of Immunology</i> , 2002, 169, 3831-3836.	0.8	64
27	Tetraspanins CD37 and CD151 differentially regulate Ag presentation and T cell stimulation by DC. <i>European Journal of Immunology</i> , 2009, 39, 50-55.	2.9	64
28	Assessment of CD37 B-cell antigen and cell of origin significantly improves risk prediction in diffuse large B-cell lymphoma. <i>Blood</i> , 2016, 128, 3083-3100.	1.4	59
29	Vitamin D Controls Murine and Human Plasmacytoid Dendritic Cell Function. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1255-1264.	0.7	57
30	Dynamic Plasma Membrane Organization: A Complex Symphony. <i>Trends in Cell Biology</i> , 2021, 31, 119-129.	7.9	56
31	Tetraspanin CD37 contributes to the initiation of cellular immunity by promoting dendritic cell migration. <i>European Journal of Immunology</i> , 2013, 43, 1208-1219.	2.9	49
32	Tetraspanin CD37 protects against the development of B cell lymphoma. <i>Journal of Clinical Investigation</i> , 2016, 126, 653-666.	8.2	47
33	Tetraspanins in the humoral immune response. <i>Biochemical Society Transactions</i> , 2011, 39, 512-517.	3.4	46
34	A Complementary Role for the Tetraspanins CD37 and Tssc6 in Cellular Immunity. <i>Journal of Immunology</i> , 2010, 185, 3158-3166.	0.8	44
35	Dendritic Cell Migration and Antigen Presentation Are Coordinated by the Opposing Functions of the Tetraspanins CD82 and CD37. <i>Journal of Immunology</i> , 2016, 196, 978-987.	0.8	43
36	Microdomains in the membrane landscape shape antigen-presenting cell function. <i>Journal of Leukocyte Biology</i> , 2013, 95, 251-263.	3.3	38

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37	Tetraspanins in the immune response against cancer. <i>Immunology Letters</i> , 2011, 138, 129-136.	2.5	37
38	Semaphorin 7A Promotes Chemokine-Driven Dendritic Cell Migration. <i>Journal of Immunology</i> , 2016, 196, 459-468.	0.8	35
39	Tetraspanin microdomains control localized protein kinase C signaling in B cells. <i>Science Signaling</i> , 2017, 10, .	3.6	35
40	Tetraspanin CD37 Regulates $\beta$ 2 Integrin-Mediated Adhesion and Migration in Neutrophils. <i>Journal of Immunology</i> , 2015, 195, 5770-5779.	0.8	31
41	Differential expression of tetraspanin superfamily members in dendritic cell subsets. <i>PLoS ONE</i> , 2017, 12, e0184317.	2.5	31
42	Molecular view on PRR cross-talk in antifungal immunity. <i>Cellular Microbiology</i> , 2012, 14, 467-474.	2.1	29
43	Antitumor Immunity Is Controlled by Tetraspanin Proteins. <i>Frontiers in Immunology</i> , 2018, 9, 1185.	4.8	29
44	Interleukin-6 is essential for glomerular immunoglobulin A deposition and the development of renal pathology in Cd37-deficient mice. <i>Kidney International</i> , 2018, 93, 1356-1366.	5.2	25
45	Interleukin-21 Receptor Deficiency Increases the Initial Toll-Like Receptor 2 Response but Protects Against Joint Pathology by Reducing Th1 and Th17 Cells During Streptococcal Cell Wall Arthritis. <i>Arthritis and Rheumatology</i> , 2014, 66, 886-895.	5.6	24
46	Effective In Vitro Clearance of <i>Porphyromonas gingivalis</i> by Fc $\gamma$ Receptor I (CD89) on Gingival Crevicular Neutrophils. <i>Infection and Immunity</i> , 2001, 69, 2935-2942.	2.2	23
47	The Tetraspanin CD37 Protects Against Glomerular IgA Deposition and Renal Pathology. <i>American Journal of Pathology</i> , 2010, 176, 2188-2197.	3.8	23
48	Multispectral imaging reveals the tissue distribution of tetraspanins in human lymphoid organs. <i>Histochemistry and Cell Biology</i> , 2015, 144, 133-146.	1.7	23
49	Intracellular Galectin-9 Controls Dendritic Cell Function by Maintaining Plasma Membrane Rigidity. <i>iScience</i> , 2019, 22, 240-255.	4.1	23
50	Fungal pattern-recognition receptors and tetraspanins: partners on antigen-presenting cells. <i>Trends in Immunology</i> , 2010, 31, 91-96.	6.8	22
51	Oestrogen receptor independent expression of progesterin receptors in human meningioma—a review. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1995, 53, 361-365.	2.5	20
52	Novel Insights into Membrane Targeting of B Cell Lymphoma. <i>Trends in Cancer</i> , 2017, 3, 442-453.	7.4	19
53	Tetraspanin CD53 Promotes Lymphocyte Recirculation by Stabilizing L-Selectin Surface Expression. <i>iScience</i> , 2020, 23, 101104.	4.1	19
54	High frequency of inactivating tetraspanin CD37 mutations in diffuse large B-cell lymphoma at immune-privileged sites. <i>Blood</i> , 2019, 134, 946-950.	1.4	18

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55	A SINGLE INJECTION OF POLYETHYLENE-GLYCOL GRANULOCYTE COLONY-STIMULATING FACTOR STRONGLY PROLONGS SURVIVAL OF MICE WITH SYSTEMIC CANDIDIASIS. <i>Cytokine</i> , 2000, 12, 666-670.	3.2	17
56	Neutrophil Fc $\gamma$ RI as Target for Immunotherapy of Invasive Candidiasis. <i>Journal of Immunology</i> , 2001, 166, 7019-7022.	0.8	17
57	Targeting of Porphyromonas gingivalis with a bispecific antibody directed to Fc $\gamma$ RI (CD89) improves in vitro clearance by gingival crevicular neutrophils. <i>Vaccine</i> , 2004, 23, 585-594.	3.8	14
58	The origin of IgE memory and plasma cells. <i>Cellular and Molecular Immunology</i> , 2012, 9, 373-374.	10.5	14
59	Human Immunoglobulin A Receptor (Fc $\gamma$ RI, CD89) Function in Transgenic Mice Requires Both FcR $\gamma$ Chain and CR3 (CD11b/CD18). <i>Blood</i> , 1999, 93, 4387-4394.	1.4	14
60	Fc $\gamma$ RI (CD89) as a Novel Trigger Molecule for Bispecific Antibody Therapy. <i>Blood</i> , 1997, 90, 4485-4492.	1.4	13
61	C-type lectin-like receptor 2 (CLEC-2)-dependent DC migration is controlled by tetraspanin CD37. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	12
62	Editorial: Membrane domains as new drug targets. <i>Frontiers in Physiology</i> , 2015, 6, 172.	2.8	11
63	Tetraspanin CD53 controls T $\gamma$ cell immunity through regulation of CD45RO stability, mobility, and function. <i>Cell Reports</i> , 2022, 39, 111006.	6.4	11
64	Site-specific functionality and tryptophan mimicry of lipidation in tetraspanin CD9. <i>FEBS Journal</i> , 2020, 287, 5323-5344.	4.7	10
65	Editorial: Functional Relevance of Tetraspanins in the Immune System. <i>Frontiers in Immunology</i> , 2019, 10, 1714.	4.8	9
66	Nuclear receptor expression patterns in murine plasmacytoid and conventional dendritic cells. <i>Molecular Immunology</i> , 2013, 55, 409-417.	2.2	8
67	The truncated estrogen receptor alpha variant lacking exon 5 is not involved in progesterone receptor expression in meningiomas. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1999, 71, 167-172.	2.5	7
68	Dendritic cell science: more than 40 years of history. <i>Journal of Leukocyte Biology</i> , 2013, 93, 33-38.	3.3	7
69	IRF8 is a transcriptional activator of CD37 expression in diffuse large B-cell lymphoma. <i>Blood Advances</i> , 2022, 6, 2254-2266.	5.2	7
70	Giant Unilamellar Vesicles (GUVs) as a Laboratory to Study Mesoscopic Lipid Domains in Membranes. , 2014, , 24-45.		5
71	The fat and the furious: fatty acids fuel hyperproliferative germinal center B cells. <i>Cellular and Molecular Immunology</i> , 2020, 17, 794-796.	10.5	2
72	Meeting Report on Immunoreceptors 2014. <i>FASEB Journal</i> , 2015, 29, 740-744.	0.5	1

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73	The Role of Tetraspanin CD37 in B-Cell Malignancy. <i>Blood</i> , 2015, 126, 1258-1258.	1.4	1
74	Binding and Uptake of <i>Candida albicans</i> by Human Monocyte-Derived Dendritic Cells. <i>Methods in Molecular Biology</i> , 2012, 845, 319-331.	0.9	0
75	Improving Therapeutic CD20 Antibodies Requires Insight into Their Mechanism of Action. <i>Critical Reviews in Oncogenesis</i> , 2020, 25, 251-273.	0.4	0