

# Ger J M Pruijn

## List of Publications by Year in descending order

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102  
papers

6,705  
citations

66343

42  
h-index

66911

78  
g-index

103  
all docs

103  
docs citations

103  
times ranked

7650  
citing authors

#	ARTICLE	IF	CITATIONS
1	PAD, a growing family of citrullinating enzymes: genes, features and involvement in disease. <i>BioEssays</i> , 2003, 25, 1106-1118.	2.5	871
2	Mutations in the RNA Component of RNase MRP Cause a Pleiotropic Human Disease, Cartilage-Hair Hypoplasia. <i>Cell</i> , 2001, 104, 195-203.	28.9	461
3	NETosis, complement, and coagulation: a triangular relationship. <i>Cellular and Molecular Immunology</i> , 2019, 16, 19-27.	10.5	284
4	Epitope spreading of the anti-citrullinated protein antibody response occurs before disease onset and is associated with the disease course of early arthritis. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 1554-1561.	0.9	268
5	Preventing Thiol-Yne Addition Improves the Specificity of Strain-Promoted Azide-Alkyne Cycloaddition. <i>Bioconjugate Chemistry</i> , 2012, 23, 392-398.	3.6	243
6	Autoantibodies to cytosolic 5 <sup>α</sup> -nucleotidase 1A in inclusion body myositis. <i>Annals of Neurology</i> , 2013, 73, 397-407.	5.3	206
7	Anti-CCP Antibody, a Marker for the Early Detection of Rheumatoid Arthritis. <i>Annals of the New York Academy of Sciences</i> , 2008, 1143, 268-285.	3.8	162
8	Extensive glycosylation of ACPA-IgG variable domains modulates binding to citrullinated antigens in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 578-585.	0.9	161
9	BCG Vaccination Induces Long-Term Functional Reprogramming of Human Neutrophils. <i>Cell Reports</i> , 2020, 33, 108387.	6.4	152
10	The rheumatoid arthritis synovial fluid citrullinome reveals novel citrullinated epitopes in apolipoprotein E, myeloid nuclear differentiation antigen, and $\beta$ -actin. <i>Arthritis and Rheumatism</i> , 2013, 65, 69-80.	6.7	148
11	Methylation of Arginine Residues Interferes with Citrullination by Peptidylarginine Deiminases in vitro. <i>Journal of Molecular Biology</i> , 2007, 367, 1118-1129.	4.2	138
12	Both endonucleolytic and exonucleolytic cleavage mediate ITS1 removal during human ribosomal RNA processing. <i>Journal of Cell Biology</i> , 2013, 200, 577-588.	5.2	129
13	C1D and hMtr4p associate with the human exosome subunit PM/Scf-100 and are involved in pre-rRNA processing. <i>Nucleic Acids Research</i> , 2007, 35, 2564-2572.	14.5	120
14	Disease specificity of autoantibodies to cytosolic 5 <sup>α</sup> -nucleotidase 1A in sporadic inclusion body myositis versus known autoimmune diseases. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 696-701.	0.9	116
15	Fine specificity of the anti-citrullinated protein antibody response is influenced by the shared epitope alleles. <i>Arthritis and Rheumatism</i> , 2007, 56, 3949-3952.	6.7	114
16	MPP6 is an exosome-associated RNA-binding protein involved in 5.8S rRNA maturation. <i>Nucleic Acids Research</i> , 2005, 33, 6795-6804.	14.5	93
17	Viperin, a key player in the antiviral response. <i>Microbes and Infection</i> , 2012, 14, 419-426.	1.9	89
18	Peptidylarginine deiminase 2 is required for tumor necrosis factor alpha-induced citrullination and arthritis, but not neutrophil extracellular trap formation. <i>Journal of Autoimmunity</i> , 2017, 80, 39-47.	6.5	87

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19	Structure and function of La and Ro RNPs. <i>Molecular Biology Reports</i> , 1993, 18, 113-119.	2.3	82
20	Autoantibodies directed to novel components of the PM/Scl complex, the human exosome. <i>Arthritis Research</i> , 2002, 4, 134.	2.0	81
21	Mutual interactions between subunits of the human RNase MRP ribonucleoprotein complex. <i>Nucleic Acids Research</i> , 2004, 32, 2138-2146.	14.5	81
22	Detection and occurrence of the 60- and 52-kD Ro (SS-A) antigens and of autoantibodies against these proteins. <i>Clinical and Experimental Immunology</i> , 2008, 86, 99-105.	2.6	81
23	Experimental autoimmune encephalomyelitis induction in peptidylarginine deiminase 2 knockout mice. <i>Journal of Comparative Neurology</i> , 2006, 498, 217-226.	1.6	74
24	Cytosolic 5â€²-nucleotidase 1A autoantibody profile and clinical characteristics in inclusion body myositis. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 862-868.	0.9	71
25	Stimulus-dependent chromatin dynamics, citrullination, calcium signalling and ROS production during NET formation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1621-1629.	4.1	71
26	Autoantibodies against small nucleolar ribonucleoprotein complexes and their clinical associations. <i>Clinical and Experimental Immunology</i> , 2002, 130, 532-540.	2.6	69
27	PM-Scl-75 is the main autoantigen in patients with the polymyositis/scleroderma overlap syndrome. <i>Arthritis and Rheumatism</i> , 2004, 50, 565-569.	6.7	66
28	Citrullination and Carbamylation in the Pathophysiology of Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2015, 6, 192.	4.8	60
29	Methods for the Detection of Peptidylarginine Deiminase (PAD) Activity and Protein Citrullination. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 388-396.	3.8	59
30	Architecture and Function of the Human Endonucleases RNase P and RNase MRP. <i>IUBMB Life</i> , 2000, 49, 265-272.	3.4	58
31	Identity of the RNase MRP- and RNase P-associated Th/To autoantigen. <i>Arthritis and Rheumatism</i> , 2002, 46, 3266-3272.	6.7	54
32	Sera from patients with rheumatic diseases recognize different epitope regions on the 52-kD Ro/SS-A protein. <i>Clinical and Experimental Immunology</i> , 2008, 94, 227-235.	2.6	54
33	The Human Exosome and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2010, 702, 132-142.	1.6	54
34	Mapping of citrullinated fibrinogen B-cell epitopes in rheumatoid arthritis by imaging surface plasmon resonance. <i>Arthritis Research and Therapy</i> , 2010, 12, R219.	3.5	54
35	ACPA fine-specificity profiles in early rheumatoid arthritis patients do not correlate with clinical features at baseline or with disease progression. <i>Arthritis Research and Therapy</i> , 2013, 15, R140.	3.5	54
36	Autoantibodies specific for apoptotic U1-70K are superior serological markers for mixed connective tissue disease. <i>Arthritis Research</i> , 2005, 7, R302.	2.0	52

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37	Anti-La Monoclonal Antibodies Recognizing Epitopes Within the RNA-Binding Domain of the La Protein Show Differential Capacities to Immunoprecipitate RNA-Associated La Protein. <i>FEBS Journal</i> , 1995, 232, 611-619.	0.2	51
38	RNase MRP and disease. <i>Wiley Interdisciplinary Reviews RNA</i> , 2010, 1, 102-116.	6.4	51
39	Reduced glutathione as a physiological co-activator in the activation of peptidylarginine deiminase. <i>Arthritis Research and Therapy</i> , 2016, 18, 102.	3.5	50
40	The human peptidylarginine deiminases type 2 and type 4 have distinct substrate specificities. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 829-836.	2.3	48
41	Analysis of the molecular composition of Ro ribonucleoprotein complexes. <i>FEBS Journal</i> , 2000, 267, 2778-2789.	0.2	47
42	The fate of U1 snRNP during anti-Fas induced apoptosis: specific cleavage of the U1 snRNA molecule. <i>Cell Death and Differentiation</i> , 2000, 7, 70-79.	11.2	47
43	Differential association of protein subunits with the human RNase MRP and RNase P complexes. <i>Rna</i> , 2006, 12, 1373-1382.	3.5	46
44	Caspase-dependent cleavage of nucleic acids. <i>Cell Death and Differentiation</i> , 2000, 7, 616-627.	11.2	45
45	Are the Ro RNP-associated Y RNAs concealing microRNAs? Y RNA-derived miRNAs may be involved in autoimmunity. <i>BioEssays</i> , 2011, 33, 674-682.	2.5	45
46	Pathogenic variants in glutamyl-tRNA <sub>Gln</sub> amidotransferase subunits cause a lethal mitochondrial cardiomyopathy disorder. <i>Nature Communications</i> , 2018, 9, 4065.	12.8	44
47	Expression of RMRP RNA is regulated in chondrocyte hypertrophy and determines chondrogenic differentiation. <i>Scientific Reports</i> , 2017, 7, 6440.	3.3	43
48	Detailed Analysis of the Phosphorylation of the Human La (SS-B) Autoantigen. (De)phosphorylation Does Not Affect Its Subcellular Distribution. <i>Biochemistry</i> , 2000, 39, 3023-3033.	2.5	42
49	Autoantibodies to neutrophil extracellular traps represent a potential serological biomarker in rheumatoid arthritis. <i>Journal of Autoimmunity</i> , 2020, 113, 102484.	6.5	42
50	Interaction of the La (SS-B) Autoantigen with Small Ribosomal Subunits. <i>FEBS Journal</i> , 1996, 236, 649-655.	0.2	41
51	The hU3-55K Protein Requires 15.5K Binding to the Box B/C Motif as Well as Flanking RNA Elements for Its Association with the U3 Small Nucleolar RNA in Vitro. <i>Journal of Biological Chemistry</i> , 2002, 277, 48490-48500.	3.4	41
52	Immune Array Analysis in Sporadic Inclusion Body Myositis Reveals HLA-DRB1 Amino Acid Heterogeneity Across the Myositis Spectrum. <i>Arthritis and Rheumatology</i> , 2017, 69, 1090-1099.	5.6	41
53	Peptidylarginine deiminase expression and activity in PAD2 knock-out and PAD4-low mice. <i>Biochimie</i> , 2013, 95, 299-308.	2.6	40
54	Global analysis of the nuclear processing of transcripts with unspliced U12-type introns by the exosome. <i>Nucleic Acids Research</i> , 2014, 42, 7358-7369.	14.5	40

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55	hPop4: a new protein subunit of the human RNase MRP and RNase P ribonucleoprotein complexes. <i>Nucleic Acids Research</i> , 1999, 27, 2465-2472.	14.5	39
56	Heterodimerization regulates RNase MRP/RNase P association, localization, and expression of Rpp20 and Rpp25. <i>Rna</i> , 2006, 13, 65-75.	3.5	37
57	Characterization of murine monoclonal antibodies against 60-kD Ro/SS-A and La/SS-B autoantigens. <i>Clinical and Experimental Immunology</i> , 2008, 101, 45-54.	2.6	34
58	Conserved features of Y RNAs revealed by automated phylogenetic secondary structure analysis. <i>Nucleic Acids Research</i> , 1999, 27, 1070-1078.	14.5	33
59	Cell and Molecular Biology of the Exosome: How to Make or Break an RNA. <i>International Review of Cytology</i> , 2006, 251, 159-208.	6.2	32
60	Viperin mRNA is a novel target for the human RNase MRP/RNase P endoribonuclease. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 2469-2480.	5.4	32
61	Autoantibodies to Cytosolic 5â€²-Nucleotidase 1A in Primary Sjögren's Syndrome and Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2018, 9, 1200.	4.8	32
62	Recombinant human monoclonal autoantibodies specific for citrulline-containing peptides from phage display libraries derived from patients with rheumatoid arthritis. <i>Journal of Rheumatology</i> , 2003, 30, 1696-711.	2.0	32
63	Heterodimerization of the human RNase P/MRP subunits Rpp20 and Rpp25 is a prerequisite for interaction with the P3 arm of RNase MRP RNA. <i>Nucleic Acids Research</i> , 2010, 38, 4052-4066.	14.5	31
64	Development and evaluation of a standardized ELISA for the determination of autoantibodies against cN-1A (Mup44, NT5C1A) in sporadic inclusion body myositis. <i>Autoimmunity Highlights</i> , 2016, 7, 16.	3.9	31
65	Cartilage hair hypoplasia mutations that lead to <i>RMRP</i> promoter inefficiency or RNA transcript instability. <i>American Journal of Medical Genetics, Part A</i> , 2007, 143A, 2675-2681.	1.2	30
66	Surface Ig variable domain glycosylation affects autoantigen binding and acts as threshold for human autoreactive B cell activation. <i>Science Advances</i> , 2022, 8, eabm1759.	10.3	30
67	Apoptotic modifications affect the autoreactivity of the U1 snRNP autoantigen. <i>Autoimmunity Reviews</i> , 2005, 4, 380-388.	5.8	28
68	Coiled-coil-mediated Activation of Oligoarginine Cell-penetrating Peptides. <i>ChemBioChem</i> , 2017, 18, 185-188.	2.6	27
69	Characterization of human telomerase complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 10075-10079.	7.1	25
70	ABAP: Antibody-based assay for peptidylarginine deiminase activity. <i>Analytical Biochemistry</i> , 2007, 369, 232-240.	2.4	25
71	Cartilage hair hypoplasia-associated mutations in the RNase MRP P3 domain affect RNA folding and ribonucleoprotein assembly. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 455-466.	4.1	25
72	Basic Domains Target Protein Subunits of the RNase MRP Complex to the Nucleolus Independently of Complex Association. <i>Molecular Biology of the Cell</i> , 2001, 12, 3680-3689.	2.1	24

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73	LINE-1 Hypermethylation in Serum Cell-Free DNA of Relapsing Remitting Multiple Sclerosis Patients. <i>Molecular Neurobiology</i> , 2018, 55, 4681-4688.	4.0	24
74	Novel serology testing for sporadic inclusion body myositis. <i>Current Opinion in Rheumatology</i> , 2015, 27, 595-600.	4.3	22
75	Silicon chemistry and silicone breast implants. <i>European Journal of Plastic Surgery</i> , 2014, 37, 123-128.	0.6	20
76	Antibody responses to de novo identified citrullinated fibrinogen peptides in rheumatoid arthritis and visualization of the corresponding B cells. <i>Arthritis Research and Therapy</i> , 2016, 18, 284.	3.5	20
77	From autoantibody research to standardized diagnostic assays in the management of human diseases â€“ report of the 12th Dresden Symposium on Autoantibodies. <i>Lupus</i> , 2016, 25, 787-796.	1.6	19
78	Neutrophil proteases degrade autoepitopes of NET-associated proteins. <i>Clinical and Experimental Immunology</i> , 2019, 199, 1-8.	2.6	18
79	Low molecular weight silicones induce cell death in cultured cells. <i>Scientific Reports</i> , 2020, 10, 9558.	3.3	17
80	Pseudophosphorylated Î±B-Crystallin Is a Nuclear Chaperone Imported into the Nucleus with Help of the SMN Complex. <i>PLoS ONE</i> , 2013, 8, e73489.	2.5	17
81	Proteogenomic analysis of the autoreactive B cell repertoire in blood and tissues of patients with Sjögren's syndrome. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 644-652.	0.9	15
82	The RNA interference pathway: a new target for autoimmunity. <i>Arthritis Research and Therapy</i> , 2006, 8, 110.	3.5	14
83	C1D is a major autoantibody target in patients with the polymyositisâ€“scleroderma overlap syndrome. <i>Arthritis and Rheumatism</i> , 2007, 56, 2449-2454.	6.7	14
84	Translational control by the La antigen. Structure requirements for rescue of the double-stranded RNA-mediated inhibition of protein synthesis. <i>FEBS Journal</i> , 1999, 266, 151-162.	0.2	13
85	Detection of transglutaminase activity using click chemistry. <i>Amino Acids</i> , 2012, 43, 1251-1263.	2.7	13
86	Mechanism of biomolecular recognition of trimethyllysine by the fluorinated aromatic cage of KDM5A PHD3 finger. <i>Communications Chemistry</i> , 2020, 3, .	4.5	13
87	Characterization of murine monoclonal antibodies against the Ro52 autoantigen. <i>Clinical and Experimental Immunology</i> , 1997, 110, 53-62.	2.6	12
88	Caspase-mediated cleavage of the U snRNP-associated Sm-F protein during apoptosis. <i>Cell Death and Differentiation</i> , 2003, 10, 570-579.	11.2	12
89	RNase P-Mediated Sequence-Specific Cleavage of RNA by Engineered External Guide Sequences. <i>Biomolecules</i> , 2015, 5, 3029-3050.	4.0	12
90	Myositis-specific autoantibodies: detection and clinical associations. <i>Autoimmunity Highlights</i> , 2011, 2, 5-20.	3.9	11

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91	Generation of monoclonal antibodies against peptidylarginine deiminase 2 (PAD2) and development of a PAD2-specific enzyme-linked immunosorbent assay. <i>Journal of Immunological Methods</i> , 2014, 405, 15-22.	1.4	10
92	Sequential Prodrug Strategy To Target and Eliminate ACPA-Selective Autoreactive B Cells. <i>Molecular Pharmaceutics</i> , 2018, 15, 5565-5573.	4.6	9
93	Caspase-mediated cleavage of the exosome subunit PM/Sci-75 during apoptosis. <i>Arthritis Research and Therapy</i> , 2007, 9, R12.	3.5	8
94	An integrated, peptide-based approach to site-specific protein immobilization for detection of biomolecular interactions. <i>Analyst, The</i> , 2016, 141, 5321-5328.	3.5	6
95	Profiling Serum Antibodies Against Muscle Antigens in Facioscapulohumeral Muscular Dystrophy Finds No Disease-Specific Autoantibodies. <i>Journal of Neuromuscular Diseases</i> , 2021, 8, 801-814.	2.6	6
96	Phenylglyoxal-Based Visualization of Citrullinated Proteins on Western Blots. <i>Molecules</i> , 2015, 20, 6592-6600.	3.8	5
97	Sputum Anticitrullinated Protein Antibodies in Patients With Long-standing Rheumatoid Arthritis. <i>Journal of Clinical Rheumatology</i> , 2018, 24, 122-126.	0.9	2
98	Anti-“Cytosolic 5â€²â€³Nucleotidase 1A Autoantibodies Are Absent in Juvenile Dermatomyositis. <i>Arthritis and Rheumatology</i> , 2021, 73, 1329-1333.	5.6	2
99	IMPLICATIONS OF ANTI-CN1A SEROTYPE IN INCLUSION BODY MYOSITIS. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, e1.160-e1.	1.9	1
100	Anti-La Monoclonal Antibodies Recognizing Epitopes Within the RNA-Binding Domain of the La Protein Show Differential Capacities to Immunoprecipitate RNA-Associated La Protein. <i>FEBS Journal</i> , 1995, 232, 611-619.	0.2	1
101	PAD Activation in Arthritis. , 2017, , 63-83.		0
102	Global Characterization of Circulating Nucleic Acids. <i>Methods in Molecular Biology</i> , 2020, 2063, 257-268.	0.9	0