Patricia Groenen

List of Publications by Year
in descending order

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101	4,025	117571	123376
papers	citations	34	61
		h-index	g-index

105	105	105	5876
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure and Modifications of the Junior Chaperone alpha-Crystallin. From Lens Transparency to Molecular Pathology. FEBS Journal, 1994, 225, 1-19.	0.2	347
2	Somatic expansion behaviour of the (CTG)n repeat in myotonic dystrophy knock-in mice is differentially affected by Msh3 and Msh6 mismatch-repair proteins. Human Molecular Genetics, 2002, 11, 191-198.	1.4	250
3	Epithelioid Hemangioendothelioma: clinicopathologic, immunhistochemical, and molecular genetic analysis of 39 cases. Diagnostic Pathology, 2014, 9, 131.	0.9	200
4	Standardized next-generation sequencing of immunoglobulin and T-cell receptor gene recombinations for MRD marker identification in acute lymphoblastic leukaemia; a EuroClonality-NGS validation study. Leukemia, 2019, 33, 2241-2253.	3.3	177
5	Guidance for laboratories performing molecular pathology for cancer patients. Journal of Clinical Pathology, 2014, 67, 923-931.	1.0	169
6	Is there a role for antigen selection in mantle cell lymphoma? Immunogenetic support from a series of 807 cases. Blood, 2011, 118, 3088-3095.	0.6	149
7	Activating mutations of the GNAQ gene: a frequent event in primary melanocytic neoplasms of the central nervous system. Acta Neuropathologica, 2010, 119, 317-323.	3.9	128
8	Solitary fibrous tumor â€“ clinicopathologic, immunohistochemical and molecular analysis of 28 cases. Diagnostic Pathology, 2014, 9, 224.	0.9	107
9	Multicentre validation study of nucleic acids extraction from FFPE tissues. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2010, 457, 309-317.	1.4	93
10	Next-generation sequencing of immunoglobulin gene rearrangements for clonality assessment: a technical feasibility study by EuroClonality-NGS. Leukemia, 2019, 33, 2227-2240.	3.3	92
11	Primary Melanocytic Tumors of the Central Nervous System: a Review with Focus on Molecular Aspects. Brain Pathology, 2015, 25, 209-226.	2.1	88
12	ARResT/Interrogate: an interactive immunoprofiler for IG/TR NGS data. Bioinformatics, 2017, 33, 435-437.	1.8	85
13	Pitfalls in TCR gene clonality testing: teaching cases. Journal of Hematopathology, 2008, 1, 97-109.	0.2	76
14	Expanding complexity in myotonic dystrophy. BioEssays, 1998, 20, 901-912.	1.2	74
15	Guideline on the requirements of external quality assessment programs in molecular pathology. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2013, 462, 27-37.	1.4	70
16	Epsteinâ€“Barr Virus in Inflammatory Bowel Disease: The Spectrum of Intestinal Lymphoproliferative Disorders. Journal of Crohn's and Colitis, 2015, 9, 398-403.	0.6	70
17	Quality control and quantification in IG/TR next-generation sequencing marker identification: protocols and bioinformatic functionalities by EuroClonality-NGS. Leukemia, 2019, 33, 2254-2265.	3.3	70
18	Bigenic heterozygosity and the development of steroid-resistant focal segmental glomerulosclerosis. Nephrology Dialysis Transplantation, 2008, 23, 3146-3151.	0.4	69

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19	Novel chromosomal imbalances in mantle cell lymphoma detected by genome-wide array-based comparative genomic hybridization. Blood, 2005, 105, 1686-1693.	0.6	67
20	The carboxy-terminal lysine of alphaB-crystallin is an amine-donor substrate for tissue transglutaminase. FEBS Journal, 1992, 205, 671-674.	0.2	61
21	Primary Melanoma of the CNS in Children Is Driven by Congenital Expression of Oncogenic NRAS in Melanocytes. Cancer Discovery, 2013, 3, 458-469.	7.7	61
22	High-Throughput Immunogenetics for Clinical and Research Applications in Immunohematology: Potential and Challenges. Journal of Immunology, 2017, 198, 3765-3774.	0.4	61
23	Improved discrimination of melanotic schwannoma from melanocytic lesions by combined morphological and GNAQ mutational analysis. Acta Neuropathologica, 2010, 120, 755-764.	3.9	60
24	Alternative Splicing Controls Myotonic Dystrophy Protein Kinase Structure, Enzymatic Activity, and Subcellular Localization. Molecular and Cellular Biology, 2003, 23, 5489-5501.	1.1	54
25	Presence of <scp>C11orf95â€“MKL2</scp> fusion is a consistent finding in chondroid lipomas: a study of eight cases. Histopathology, 2013, 62, 925-930.	1.6	50
26	Tetraspanin CD37 protects against the development of B cell lymphoma. Journal of Clinical Investigation, 2016, 126, 653-666.	3.9	47
27	Next generation sequencing in synovial sarcoma reveals novel gene mutations. Oncotarget, 2015, 6, 34680-34690.	0.8	45
28	Novel developments in the pathogenesis and diagnosis of extranodal marginal zone lymphoma. Journal of Hematopathology, 2017, 10, 91-107.	0.2	45
29	Preparing pathology for personalized medicine: possibilities for improvement of the pre-analytical phase. Histopathology, 2011, 59, 1-7.	1.6	44
30	Next generation diagnostic molecular pathology: Critical appraisal of quality assurance in Europe. Molecular Oncology, 2014, 8, 830-839.	2.1	44
31	Sequential immunohistochemistry: a promising new tool for the pathology laboratory. Histopathology, 2014, 65, 651-657.	1.6	44
32	Clinical impact of recurrently mutated genes on lymphoma diagnostics: state-of-the-art and beyond. Haematologica, 2016, 101, 1002-1009.	1.7	43
33	A Multicenter Study to Validate the Reproducibility of MSI Testing With a Panel of 5 Quasimonomorphic Mononucleotide Repeats. Diagnostic Molecular Pathology, 2010, 19, 236-242.	2.1	35
34	NRAS mutations are more prevalent than KIT mutations in melanoma of the female urogenital tractâ€”A study of 24 cases from the Netherlands. Gynecologic Oncology, 2014, 134, 10-14.	0.6	35
35	SF3B1 and EIF1AX mutations occur in primary leptomeningeal melanocytic neoplasms; yet another similarity to uveal melanomas. Acta Neuropathologica Communications, 2016, 4, 5.	2.4	35
36	Mutations in G Protein Encoding Genes and Chromosomal Alterations in Primary Leptomeningeal Melanocytic Neoplasms. Pathology and Oncology Research, 2015, 21, 439-447.	0.9	34

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37	The amine-donor substrate specificity of tissue-type transglutaminase. Influence of amino acid residues flanking the amine-donor lysine residue. FEBS Journal, 1994, 220, 795-799.	0.2	33
38	T-cell Landscape in a Primary Melanoma Predicts the Survival of Patients with Metastatic Disease after Their Treatment with Dendritic Cell Vaccines. Cancer Research, 2016, 76, 3496-3506.	0.4	33
39	Soft tissue angiofibroma: Clinicopathologic, immunohistochemical and molecular analysis of 14 cases. Genes Chromosomes and Cancer, 2017, 56, 750-757.	1.5	33
40	Development of a Targeted Mass-Spectrometry Serum Assay To Quantify M-Protein in the Presence of Therapeutic Monoclonal Antibodies. Journal of Proteome Research, 2018, 17, 1326-1333.	1.8	32
41	Promoter methylation of PARG1, a novel candidate tumor suppressor gene in mantle cell lymphomas. Haematologica, 2007, 92, 460-468.	1.7	31
42	Podocyte changes upon induction of albuminuria in Thy-1.1 transgenic mice. Nephrology Dialysis Transplantation, 2003, 18, 2524-2533.	0.4	30
43	High-resolution genomic profiling of pediatric lymphoblastic lymphomas reveals subtle differences with pediatric acute lymphoblastic leukemias in the B-lineage. Cancer Genetics and Cytogenetics, 2009, 191, 27-33.	1.0	30
44	Human secondary lymphoid organs typically contain polyclonally-activated proliferating regulatory T cells. Blood, 2013, 122, 2213-2223.	0.6	28
45	Integrated genomic and expression profiling in mantle cell lymphoma: identification of geneâ€dosage regulated candidate genes. British Journal of Haematology, 2008, 143, 210-221.	1.2	27
46	Hypermutation in mantle cell lymphoma does not indicate a clinical or biological subentity. Modern Pathology, 2009, 22, 416-425.	2.9	27
47	Diseaseâ€biased and shared characteristics of the immunoglobulin gene repertoires in marginal zone B cell lymphoproliferations. Journal of Pathology, 2019, 247, 416-421.	2.1	25
48	Next-Generation Sequencingâ€“Based Clonality Assessment of Ig Gene Rearrangements. Journal of Molecular Diagnostics, 2021, 23, 1105-1115.	1.2	25
49	Recommendations for the clinical interpretation and reporting of copy number gains using gene panel NGS analysis in routine diagnostics. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2019, 474, 673-680.	1.4	24
50	Update on Molecular Pathology of Cutaneous Melanocytic Lesions: What is New in Diagnosis and Molecular Testing for Treatment?. Frontiers in Medicine, 2014, 1, 39.	1.2	23
51	Quantitative microsatellite analysis to delineate the commonly deleted region 1p22.3 in mantle cell lymphomas. Genes Chromosomes and Cancer, 2006, 45, 883-892.	1.5	22
52	Application of Microfluidic Technology to the BIOMED-2 Protocol for Detection of B-Cell Clonality. Journal of Molecular Diagnostics, 2012, 14, 30-37.	1.2	21
53	Recurrent mutations in genes involved in nuclear factorâ€ºB signalling in nodal marginal zone lymphomaâ€”diagnostic and therapeutic implications. Histopathology, 2017, 70, 174-184.	1.6	21
54	Immunohistochemical differentiation between follicular lymphoma and nodal marginal zone lymphoma - combined performance of multiple markers. Haematologica, 2015, 100, e358-e360.	1.7	20

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55	A novel next generation sequencing approach to improve sarcoma diagnosis. Modern Pathology, 2020, 33, 1350-1359.	2.9	20
56	Prognostic significance of NAB2â€“STAT6 fusion variants and TERT promotor mutations in solitary fibrous tumors/hemangiopericytomas of the CNS: not (yet) clear. Acta Neuropathologica, 2019, 137, 679-682.	3.9	19
57	High frequency of inactivating tetraspanin CD37 mutations in diffuse large B-cell lymphoma at immune-privileged sites. Blood, 2019, 134, 946-950.	0.6	18
58	Podocyte Changes after Induction of Acute Albuminuria in Mice by Anti-Aminopeptidase A mAb. Nephron Experimental Nephrology, 2003, 94, e85-e93.	2.4	17
59	Whole-genome copy-number analysis identifies new leads for chromosomal aberrations involved in the oncogenesis and metastastic behavior of uveal melanomas. Melanoma Research, 2015, 25, 200-209.	0.6	15
60	Copy number variation analysis and methylome profiling of a GNAQ-mutant primary meningeal melanocytic tumor and its liver metastasis. Experimental and Molecular Pathology, 2017, 102, 25-31.	0.9	15
61	Proteogenomic analysis of the autoreactive B cell repertoire in blood and tissues of patients with SjÃ¶grenâ€™s syndrome. Annals of the Rheumatic Diseases, 2022, 81, 644-652.	0.5	15
62	â€˜Bigâ€™-Insulin-Like Growth Factorâ€“II Signaling Is an Autocrine Survival Pathway in Gastrointestinal Stromal Tumors. American Journal of Pathology, 2012, 181, 303-312.	1.9	14
63	Molecular Evidence for Antigen Drive in the Natural History of Mantle Cell Lymphoma. American Journal of Pathology, 2015, 185, 1740-1748.	1.9	13
64	Clinical features of patients with nodal marginal zone lymphoma compared to follicular lymphoma: similar presentation, but differences in prognostic factors and rate of transformation. Leukemia and Lymphoma, 2016, 57, 1649-1656.	0.6	13
65	Albuminuria in Mice after Injection of Antibodies against Aminopeptidase A. Journal of the American Society of Nephrology: JASN, 2001, 12, 2711-2720.	3.0	13
66	A practical approach to diagnostic Ig/TCR clonality evaluation in clinical pathology. Journal of Hematopathology, 2012, 5, 17-25.	0.2	12
67	Clonotypic Features of Rearranged Immunoglobulin Genes Yield Personalized Biomarkers for Minimal Residual Disease Monitoring in Multiple Myeloma. Clinical Chemistry, 2021, 67, 867-875.	1.5	12
68	Clonality assessment and detection of clonal diversity in classic Hodgkin lymphoma by next-generation sequencing of immunoglobulin gene rearrangements. Modern Pathology, 2022, 35, 757-766.	2.9	11
69	NRAS-mutated melanocytic BAP1-associated intradermal tumor (MBAIT): a case report. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2015, 466, 117-121.	1.4	10
70	Molecular clonality assessment shows high performance to predict malignant B-cell non-Hodgkin's lymphoma using cytological smears. Journal of Clinical Pathology, 2016, 69, 1109-1115.	1.0	10
71	Protein profiling in pathology: Analysis and evaluation of 239 frozen tissue biopsies for diagnosis of Bâ€cell lymphomas. Proteomics - Clinical Applications, 2010, 4, 519-527.	0.8	9
72	Metastatic melanoma mimicking solitary fibrous tumor: report of two cases. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2014, 464, 247-251.	1.4	9

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73	A New and Simple TRG Multiplex PCR Assay for Assessment of Tâ€cell Clonality: A Comparative Study from the EuroClonality Consortium. HemaSphere, 2019, 3, e255.	1.2	9
74	Multiple Immunoglobulin Îº Gene Rearrangements within a Single Clone Unraveled by Next-Generation Sequencingâ€“Based Clonality Assessment. Journal of Molecular Diagnostics, 2021, 23, 1097-1104.	1.2	8
75	Next-Generation Sequencing-Based Clonality Detection of Immunoglobulin Gene Rearrangements in B-Cell Lymphoma. Methods in Molecular Biology, 2022, , 7-42.	0.4	8
76	A subset of low-grade B cell lymphomas with a follicular growth pattern but without a BCL2 translocation shows features suggestive of nodal marginal zone lymphoma. Journal of Hematopathology, 2016, 9, 3-8.	0.2	7
77	Pathways towards indolent B-cell lymphoma â€" Etiology and therapeutic strategies. Blood Reviews, 2017, 31, 426-435.	2.8	7
78	Teaching molecular genetics: Chapter 3 â€“ Proteomics in nephrology. Pediatric Nephrology, 2006, 21, 611-618.	0.9	6
79	PCR GeneScan and Heteroduplex Analysis of Rearranged Immunoglobulin or T-Cell Receptor Genes for Clonality Diagnostics in Suspect Lymphoproliferations. Methods in Molecular Biology, 2019, 1956, 77-103.	0.4	6
80	Immunoglobulin rearrangement analysis from multiple lesions in the same patient using nextâ€generation sequencing. Histopathology, 2015, 67, 843-858.	1.6	5
81	Novel Approaches in Molecular Characterization of Classical Hodgkin Lymphoma. Cancers, 2022, 14, 3222.	1.7	5
82	Biomarkers as disease definition: Mantle cell lymphoma as an example. Proteomics - Clinical Applications, 2010, 4, 922-925.	0.8	4
83	Euroclonality-NGS DNA Capture Panel for Integrated Analysis of IG/TR Rearrangements, Translocations, Copy Number and Sequence Variation in Lymphoproliferative Disorders. Blood, 2019, 134, 888-888.	0.6	4
84	Copy number variations as potential diagnostic and prognostic markers for CNS melanocytic neoplasms in neurocutaneous melanosis. Acta Neuropathologica, 2017, 133, 333-335.	3.9	3
85	Epitope Mapping of Monoclonal Antibodies Directed to Aminopeptidase A and Their Relevance for Albuminuria in Mice. Nephron Experimental Nephrology, 2003, 94, e25-e34.	2.4	2
86	DNA Extraction from Formalin-Fixed Paraffin-Embedded Tissues (FFPE) (from Small Fragments of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	2	
87	High prevalence of adverse prognostic genetic aberrations and unmutated IGHV genes in small lymphocytic lymphoma as compared to chronic lymphocytic leukemia. Journal of Hematopathology, 2011, 4, 189-197.	0.2	2
88	Capillary electrophoresis single-strand conformation analysis (CE-SSCA) for clonality detection in lymphoproliferative disorders. Journal of Hematopathology, 2012, 5, 83-89.	0.2	2
89	The EuroClonality website: information, education and support on clonality testing. Journal of Hematopathology, 2012, 5, 99-103.	0.2	2
90	Identification of IG-clonality status as a pre-treatment predictor for mortality in patients with immunodeficiency-associated Epstein-Barr virus-related lymphoproliferative disorders. Haematologica, 2015, 100, e152-e154.	1.7	2

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91	Partial lack of BCL2 in follicular lymphoma: An unusual immunohistochemical staining pattern explained by ongoing BCL2 mutation. Pathology Research and Practice, 2016, 212, 148-150.	1.0	2
92	How we do: optimizing bone marrow biopsy logistics for sign-out within 2Âdays. Journal of Hematopathology, 2016, 9, 67-71.	0.2	2
93	Evaluation of a worldwide EQA scheme for complex clonality analysis of clinical lymphoproliferative cases demonstrates a learning effect. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2021, 479, 365-376.	1.4	2
94	Sequence-Based Evidence for Antigen Selection in Mantle Cell Lymphoma: Remarkable Immunoglobulin Gene Repertoire Biases, Stereotyped Antigen-Binding Sites and Recurrent Hypermutations in Certain Subsets.. Blood, 2009, 114, 1933-1933.	0.6	2
95	Unique Versus Common: Disease-Biased Immunoglobulin Gene Repertoires Along with Public Antigen Receptor Stereotypes in Marginal Zone B-Cell Lymphoproliferations. Blood, 2015, 126, 1479-1479.	0.6	2
96	Validation of the EuroClonality-NGS DNA capture panel as an integrated genomic tool for lymphoproliferative disorders. Blood Advances, 2021, 5, 3188-3198.	2.5	2
97	Memento for interprofessional learning. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2020, 477, 755-756.	1.4	1
98	Structure and modifications of the junior chaperone Î±-crystallin. , 1994, , 165-183.		1
99	Clonality testing: teamwork by pathologist and molecular biologist. Journal of Hematopathology, 2012, 5, 3-5.	0.2	0
100	Clinical validation of a novel assay for the detection of diagnostic alterations in sarcomas. Annals of Oncology, 2019, 30, v703.	0.6	0
101	Abstract A016: T cell landscape within primary melanoma as a predictive biomarker of survival after cancer vaccination in patients with metastatic disease. , 2016, , .		0