

Patricia Groenen

List of Publications by Year in descending order

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101
papers

4,025
citations

117625

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123424

61
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105
all docs

105
docs citations

105
times ranked

5876
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and Modifications of the Junior Chaperone alpha-Crystallin. From Lens Transparency to Molecular Pathology. <i>FEBS Journal</i> , 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. <i>Human Molecular Genetics</i> , 2002, 11, 191-198.	2.9	250
3	Epithelioid Hemangioendothelioma: clinicopathologic, immunohistochemical, and molecular genetic analysis of 39 cases. <i>Diagnostic Pathology</i> , 2014, 9, 131.	2.0	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. <i>Leukemia</i> , 2019, 33, 2241-2253.	7.2	177
5	Guidance for laboratories performing molecular pathology for cancer patients. <i>Journal of Clinical Pathology</i> , 2014, 67, 923-931.	2.0	169
6	Is there a role for antigen selection in mantle cell lymphoma? Immunogenetic support from a series of 807 cases. <i>Blood</i> , 2011, 118, 3088-3095.	1.4	149
7	Activating mutations of the GNAQ gene: a frequent event in primary melanocytic neoplasms of the central nervous system. <i>Acta Neuropathologica</i> , 2010, 119, 317-323.	7.7	128
8	Solitary fibrous tumor – clinicopathologic, immunohistochemical and molecular analysis of 28 cases. <i>Diagnostic Pathology</i> , 2014, 9, 224.	2.0	107
9	Multicentre validation study of nucleic acids extraction from FFPE tissues. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2010, 457, 309-317.	2.8	93
10	Next-generation sequencing of immunoglobulin gene rearrangements for clonality assessment: a technical feasibility study by EuroClonality-NGS. <i>Leukemia</i> , 2019, 33, 2227-2240.	7.2	92
11	Primary Melanocytic Tumors of the Central Nervous System: a Review with Focus on Molecular Aspects. <i>Brain Pathology</i> , 2015, 25, 209-226.	4.1	88
12	ARResT/Interrogate: an interactive immunoprofiler for IG/TR NGS data. <i>Bioinformatics</i> , 2017, 33, 435-437.	4.1	85
13	Pitfalls in TCR gene clonality testing: teaching cases. <i>Journal of Hematopathology</i> , 2008, 1, 97-109.	0.4	76
14	Expanding complexity in myotonic dystrophy. <i>BioEssays</i> , 1998, 20, 901-912.	2.5	74
15	Guideline on the requirements of external quality assessment programs in molecular pathology. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2013, 462, 27-37.	2.8	70
16	Epstein-Barr Virus in Inflammatory Bowel Disease: The Spectrum of Intestinal Lymphoproliferative Disorders. <i>Journal of Crohn's and Colitis</i> , 2015, 9, 398-403.	1.3	70
17	Quality control and quantification in IG/TR next-generation sequencing marker identification: protocols and bioinformatic functionalities by EuroClonality-NGS. <i>Leukemia</i> , 2019, 33, 2254-2265.	7.2	70
18	Bigenic heterozygosity and the development of steroid-resistant focal segmental glomerulosclerosis. <i>Nephrology Dialysis Transplantation</i> , 2008, 23, 3146-3151.	0.7	69

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19	Novel chromosomal imbalances in mantle cell lymphoma detected by genome-wide array-based comparative genomic hybridization. <i>Blood</i> , 2005, 105, 1686-1693.	1.4	67
20	The carboxy-terminal lysine of alphaB-crystallin is an amine-donor substrate for tissue transglutaminase. <i>FEBS Journal</i> , 1992, 205, 671-674.	0.2	61
21	Primary Melanoma of the CNS in Children Is Driven by Congenital Expression of Oncogenic <i>NRAS</i> in Melanocytes. <i>Cancer Discovery</i> , 2013, 3, 458-469.	9.4	61
22	High-Throughput Immunogenetics for Clinical and Research Applications in Immunohematology: Potential and Challenges. <i>Journal of Immunology</i> , 2017, 198, 3765-3774.	0.8	61
23	Improved discrimination of melanotic schwannoma from melanocytic lesions by combined morphological and GNAQ mutational analysis. <i>Acta Neuropathologica</i> , 2010, 120, 755-764.	7.7	60
24	Alternative Splicing Controls Myotonic Dystrophy Protein Kinase Structure, Enzymatic Activity, and Subcellular Localization. <i>Molecular and Cellular Biology</i> , 2003, 23, 5489-5501.	2.3	54
25	Presence of <i>C11orf95</i> – <i>MKL2</i> fusion is a consistent finding in chondroid lipomas: a study of eight cases. <i>Histopathology</i> , 2013, 62, 925-930.	2.9	50
26	Tetraspanin CD37 protects against the development of B cell lymphoma. <i>Journal of Clinical Investigation</i> , 2016, 126, 653-666.	8.2	47
27	Next generation sequencing in synovial sarcoma reveals novel gene mutations. <i>Oncotarget</i> , 2015, 6, 34680-34690.	1.8	45
28	Novel developments in the pathogenesis and diagnosis of extranodal marginal zone lymphoma. <i>Journal of Hematopathology</i> , 2017, 10, 91-107.	0.4	45
29	Preparing pathology for personalized medicine: possibilities for improvement of the pre-analytical phase. <i>Histopathology</i> , 2011, 59, 1-7.	2.9	44
30	Next generation diagnostic molecular pathology: Critical appraisal of quality assurance in Europe. <i>Molecular Oncology</i> , 2014, 8, 830-839.	4.6	44
31	Sequential immunohistochemistry: a promising new tool for the pathology laboratory. <i>Histopathology</i> , 2014, 65, 651-657.	2.9	44
32	Clinical impact of recurrently mutated genes on lymphoma diagnostics: state-of-the-art and beyond. <i>Haematologica</i> , 2016, 101, 1002-1009.	3.5	43
33	A Multicenter Study to Validate the Reproducibility of MSI Testing With a Panel of 5 Quasimonomorphic Mononucleotide Repeats. <i>Diagnostic Molecular Pathology</i> , 2010, 19, 236-242.	2.1	35
34	<i>NRAS</i> mutations are more prevalent than <i>KIT</i> mutations in melanoma of the female urogenital tract: A study of 24 cases from the Netherlands. <i>Gynecologic Oncology</i> , 2014, 134, 10-14.	1.4	35
35	<i>SF3B1</i> and <i>EIF1AX</i> mutations occur in primary leptomeningeal melanocytic neoplasms; yet another similarity to uveal melanomas. <i>Acta Neuropathologica Communications</i> , 2016, 4, 5.	5.2	35
36	Mutations in G Protein Encoding Genes and Chromosomal Alterations in Primary Leptomeningeal Melanocytic Neoplasms. <i>Pathology and Oncology Research</i> , 2015, 21, 439-447.	1.9	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. <i>FEBS Journal</i> , 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. <i>Cancer Research</i> , 2016, 76, 3496-3506.	0.9	33
39	Soft tissue angiofibroma: Clinicopathologic, immunohistochemical and molecular analysis of 14 cases. <i>Genes Chromosomes and Cancer</i> , 2017, 56, 750-757.	2.8	33
40	Development of a Targeted Mass-Spectrometry Serum Assay To Quantify M-Protein in the Presence of Therapeutic Monoclonal Antibodies. <i>Journal of Proteome Research</i> , 2018, 17, 1326-1333.	3.7	32
41	Promoter methylation of PARG1, a novel candidate tumor suppressor gene in mantle cell lymphomas. <i>Haematologica</i> , 2007, 92, 460-468.	3.5	31
42	Podocyte changes upon induction of albuminuria in Thy-1.1 transgenic mice. <i>Nephrology Dialysis Transplantation</i> , 2003, 18, 2524-2533.	0.7	30
43	High-resolution genomic profiling of pediatric lymphoblastic lymphomas reveals subtle differences with pediatric acute lymphoblastic leukemias in the B-lineage. <i>Cancer Genetics and Cytogenetics</i> , 2009, 191, 27-33.	1.0	30
44	Human secondary lymphoid organs typically contain polyclonally-activated proliferating regulatory T cells. <i>Blood</i> , 2013, 122, 2213-2223.	1.4	28
45	Integrated genomic and expression profiling in mantle cell lymphoma: identification of gene dosage regulated candidate genes. <i>British Journal of Haematology</i> , 2008, 143, 210-221.	2.5	27
46	Hypermutation in mantle cell lymphoma does not indicate a clinical or biological subentity. <i>Modern Pathology</i> , 2009, 22, 416-425.	5.5	27
47	Disease-biased and shared characteristics of the immunoglobulin gene repertoires in marginal zone B cell lymphoproliferations. <i>Journal of Pathology</i> , 2019, 247, 416-421.	4.5	25
48	Next-Generation Sequencing-Based Clonality Assessment of Ig Gene Rearrangements. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 1105-1115.	2.8	25
49	Recommendations for the clinical interpretation and reporting of copy number gains using gene panel NGS analysis in routine diagnostics. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019, 474, 673-680.	2.8	24
50	Update on Molecular Pathology of Cutaneous Melanocytic Lesions: What is New in Diagnosis and Molecular Testing for Treatment?. <i>Frontiers in Medicine</i> , 2014, 1, 39.	2.6	23
51	Quantitative microsatellite analysis to delineate the commonly deleted region 1p22.3 in mantle cell lymphomas. <i>Genes Chromosomes and Cancer</i> , 2006, 45, 883-892.	2.8	22
52	Application of Microfluidic Technology to the BIOMED-2 Protocol for Detection of B-Cell Clonality. <i>Journal of Molecular Diagnostics</i> , 2012, 14, 30-37.	2.8	21
53	Recurrent mutations in genes involved in nuclear factor- κ B signalling in nodal marginal zone lymphoma diagnostic and therapeutic implications. <i>Histopathology</i> , 2017, 70, 174-184.	2.9	21
54	Immunohistochemical differentiation between follicular lymphoma and nodal marginal zone lymphoma - combined performance of multiple markers. <i>Haematologica</i> , 2015, 100, e358-e360.	3.5	20

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55	A novel next generation sequencing approach to improve sarcoma diagnosis. <i>Modern Pathology</i> , 2020, 33, 1350-1359.	5.5	20
56	Prognostic significance of NAB2-STAT6 fusion variants and TERT promotor mutations in solitary fibrous tumors/hemangiopericytomas of the CNS: not (yet) clear. <i>Acta Neuropathologica</i> , 2019, 137, 679-682.	7.7	19
57	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
58	Podocyte Changes after Induction of Acute Albuminuria in Mice by Anti-Aminopeptidase A mAb. <i>Nephron Experimental Nephrology</i> , 2003, 94, e85-e93.	2.2	17
59	Whole-genome copy-number analysis identifies new leads for chromosomal aberrations involved in the oncogenesis and metastatic behavior of uveal melanomas. <i>Melanoma Research</i> , 2015, 25, 200-209.	1.2	15
60	Copy number variation analysis and methylome profiling of a GNAQ-mutant primary meningeal melanocytic tumor and its liver metastasis. <i>Experimental and Molecular Pathology</i> , 2017, 102, 25-31.	2.1	15
61	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
62	IGF1R-Insulin-Like Growth Factor-II Signaling Is an Autocrine Survival Pathway in Gastrointestinal Stromal Tumors. <i>American Journal of Pathology</i> , 2012, 181, 303-312.	3.8	14
63	Molecular Evidence for Antigen Drive in the Natural History of Mantle Cell Lymphoma. <i>American Journal of Pathology</i> , 2015, 185, 1740-1748.	3.8	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. <i>Leukemia and Lymphoma</i> , 2016, 57, 1649-1656.	1.3	13
65	Albuminuria in Mice after Injection of Antibodies against Aminopeptidase A. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 2711-2720.	6.1	13
66	A practical approach to diagnostic Ig/TCR clonality evaluation in clinical pathology. <i>Journal of Hematopathology</i> , 2012, 5, 17-25.	0.4	12
67	Clonotypic Features of Rearranged Immunoglobulin Genes Yield Personalized Biomarkers for Minimal Residual Disease Monitoring in Multiple Myeloma. <i>Clinical Chemistry</i> , 2021, 67, 867-875.	3.2	12
68	Clonality assessment and detection of clonal diversity in classic Hodgkin lymphoma by next-generation sequencing of immunoglobulin gene rearrangements. <i>Modern Pathology</i> , 2022, 35, 757-766.	5.5	11
69	NRAS-mutated melanocytic BAP1-associated intradermal tumor (MBAIT): a case report. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2015, 466, 117-121.	2.8	10
70	Molecular clonality assessment shows high performance to predict malignant B-cell non-Hodgkin's lymphoma using cytological smears. <i>Journal of Clinical Pathology</i> , 2016, 69, 1109-1115.	2.0	10
71	Protein profiling in pathology: Analysis and evaluation of 239 frozen tissue biopsies for diagnosis of B-cell lymphomas. <i>Proteomics - Clinical Applications</i> , 2010, 4, 519-527.	1.6	9
72	Metastatic melanoma mimicking solitary fibrous tumor: report of two cases. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2014, 464, 247-251.	2.8	9

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73	A New and Simple TRG Multiplex PCR Assay for Assessment of T-Cell Clonality: A Comparative Study from the EuroClonality Consortium. <i>HemaSphere</i> , 2019, 3, e255.	2.7	9
74	Multiple Immunoglobulin Î¸ Gene Rearrangements within a Single Clone Unraveled by Next-Generation Sequencing-Based Clonality Assessment. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 1097-1104.	2.8	8
75	Next-Generation Sequencing-Based Clonality Detection of Immunoglobulin Gene Rearrangements in B-Cell Lymphoma. <i>Methods in Molecular Biology</i> , 2022, , 7-42.	0.9	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. <i>Journal of Hematopathology</i> , 2016, 9, 3-8.	0.4	7
77	Pathways towards indolent B-cell lymphoma â Etiology and therapeutic strategies. <i>Blood Reviews</i> , 2017, 31, 426-435.	5.7	7
78	Teaching molecular genetics: Chapter 3 â Proteomics in nephrology. <i>Pediatric Nephrology</i> , 2006, 21, 611-618.	1.7	6
79	PCR GeneScan and Heteroduplex Analysis of Rearranged Immunoglobulin or T-Cell Receptor Genes for Clonality Diagnostics in Suspect Lymphoproliferations. <i>Methods in Molecular Biology</i> , 2019, 1956, 77-103.	0.9	6
80	Immunoglobulin rearrangement analysis from multiple lesions in the same patient using next-generation sequencing. <i>Histopathology</i> , 2015, 67, 843-858.	2.9	5
81	Novel Approaches in Molecular Characterization of Classical Hodgkin Lymphoma. <i>Cancers</i> , 2022, 14, 3222.	3.7	5
82	Biomarkers as disease definition: Mantle cell lymphoma as an example. <i>Proteomics - Clinical Applications</i> , 2010, 4, 922-925.	1.6	4
83	Euroclonality-NGS DNA Capture Panel for Integrated Analysis of IG/TR Rearrangements, Translocations, Copy Number and Sequence Variation in Lymphoproliferative Disorders. <i>Blood</i> , 2019, 134, 888-888.	1.4	4
84	Copy number variations as potential diagnostic and prognostic markers for CNS melanocytic neoplasms in neurocutaneous melanosis. <i>Acta Neuropathologica</i> , 2017, 133, 333-335.	7.7	3
85	Epitope Mapping of Monoclonal Antibodies Directed to Aminopeptidase A and Their Relevance for Albuminuria in Mice. <i>Nephron Experimental Nephrology</i> , 2003, 94, e25-e34.	2.2	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		
87	High prevalence of adverse prognostic genetic aberrations and unmutated IGHV genes in small lymphocytic lymphoma as compared to chronic lymphocytic leukemia. <i>Journal of Hematopathology</i> , 2011, 4, 189-197.	0.4	2
88	Capillary electrophoresis single-strand conformation analysis (CE-SSCA) for clonality detection in lymphoproliferative disorders. <i>Journal of Hematopathology</i> , 2012, 5, 83-89.	0.4	2
89	The EuroClonality website: information, education and support on clonality testing. <i>Journal of Hematopathology</i> , 2012, 5, 99-103.	0.4	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. <i>Haematologica</i> , 2015, 100, e152-e154.	3.5	2

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91	Partial lack of BCL2 in follicular lymphoma: An unusual immunohistochemical staining pattern explained by ongoing BCL2 mutation. <i>Pathology Research and Practice</i> , 2016, 212, 148-150.	2.3	2
92	How we do: optimizing bone marrow biopsy logistics for sign-out within 2Âdays. <i>Journal of Hematopathology</i> , 2016, 9, 67-71.	0.4	2
93	Evaluation of a worldwide EQA scheme for complex clonality analysis of clinical lymphoproliferative cases demonstrates a learning effect. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 479, 365-376.	2.8	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.. <i>Blood</i> , 2009, 114, 1933-1933.	1.4	2
95	Unique Versus Common: Disease-Biased Immunoglobulin Gene Repertoires Along with Public Antigen Receptor Stereotypes in Marginal Zone B-Cell Lymphoproliferations. <i>Blood</i> , 2015, 126, 1479-1479.	1.4	2
96	Validation of the EuroClonality-NGS DNA capture panel as an integrated genomic tool for lymphoproliferative disorders. <i>Blood Advances</i> , 2021, 5, 3188-3198.	5.2	2
97	Memento for interprofessional learning. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020, 477, 755-756.	2.8	1
98	Structure and modifications of the junior chaperone Î±-crystallin. , 1994, , 165-183.		1
99	Clonality testing: teamwork by pathologist and molecular biologist. <i>Journal of Hematopathology</i> , 2012, 5, 3-5.	0.4	0
100	Clinical validation of a novel assay for the detection of diagnostic alterations in sarcomas. <i>Annals of Oncology</i> , 2019, 30, v703.	1.2	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