

# Marie-Paule Lefranc

## List of Publications by Year in descending order

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241  
papers

16,483  
citations

18465

62  
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119  
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246  
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246  
docs citations

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times ranked

13797  
citing authors

#	ARTICLE	IF	CITATIONS
1	IMGT/V-QUEST: the highly customized and integrated system for IG and TR standardized V-J and V-D-J sequence analysis. <i>Nucleic Acids Research</i> , 2008, 36, W503-W508.	6.5	1,081
2	IMGT(R), the international ImMunoGeneTics information system(R). <i>Nucleic Acids Research</i> , 2009, 37, D1006-D1012.	6.5	753
3	IMGT unique numbering for immunoglobulin and T cell receptor variable domains and Ig superfamily V-like domains. <i>Developmental and Comparative Immunology</i> , 2003, 27, 55-77.	1.0	741
4	IMGT <sup>®</sup> , the international ImMunoGeneTics information system <sup>®</sup> 25 years on. <i>Nucleic Acids Research</i> , 2015, 43, D413-D422.	6.5	493
5	IMGT/GENE-DB: a comprehensive database for human and mouse immunoglobulin and T cell receptor genes. <i>Nucleic Acids Research</i> , 2004, 33, D256-D261.	6.5	484
6	IMGT <sup>®</sup> Tools for the Nucleotide Analysis of Immunoglobulin (IG) and T Cell Receptor (TR) V-(D)-J Repertoires, Polymorphisms, and IG Mutations: IMGT/V-QUEST and IMGT/HighV-QUEST for NGS. <i>Methods in Molecular Biology</i> , 2012, 882, 569-604.	0.4	458
7	IMGT unique numbering for immunoglobulin and T cell receptor constant domains and Ig superfamily C-like domains. <i>Developmental and Comparative Immunology</i> , 2005, 29, 185-203.	1.0	454
8	Two tandemly organized human genes encoding the T-cell $\beta$ constant-region sequences show multiple rearrangement in different T-cell types. <i>Nature</i> , 1985, 316, 464-466.	13.7	398
9	Stereotyped B-cell receptors in one-third of chronic lymphocytic leukemia: a molecular classification with implications for targeted therapies. <i>Blood</i> , 2012, 119, 4467-4475.	0.6	350
10	IMGT/JunctionAnalysis: the first tool for the analysis of the immunoglobulin and T cell receptor complex V-J and V-D-J JUNCTIONS. <i>Bioinformatics</i> , 2004, 20, i379-i385.	1.8	299
11	IMGT/V-QUEST: IMGT Standardized Analysis of the Immunoglobulin (IG) and T Cell Receptor (TR) Nucleotide Sequences. <i>Cold Spring Harbor Protocols</i> , 2011, 2011, pdb.prot5633.	0.2	291
12	Human Ig superfamily CTLA-4 gene: chromosomal localization and identity of protein sequence between murine and human CTLA-4 cytoplasmic domains. <i>European Journal of Immunology</i> , 1988, 18, 1901-1905.	1.6	275
13	IMGT/LIGM-DB, the IMGT(R) comprehensive database of immunoglobulin and T cell receptor nucleotide sequences. <i>Nucleic Acids Research</i> , 2006, 34, D781-D784.	6.5	269
14	IMGT/V-QUEST, an integrated software program for immunoglobulin and T cell receptor V-J and V-D-J rearrangement analysis. <i>Nucleic Acids Research</i> , 2004, 32, W435-W440.	6.5	268
15	IMGT, the international ImMunoGeneTics information system(R). <i>Nucleic Acids Research</i> , 2004, 33, D593-D597.	6.5	251
16	IMGT standardized criteria for statistical analysis of immunoglobulin V-REGION amino acid properties. <i>Journal of Molecular Recognition</i> , 2004, 17, 17-32.	1.1	240
17	IMGT/3Dstructure-DB and IMGT/DomainGapAlign: a database and a tool for immunoglobulins or antibodies, T cell receptors, MHC, IgSF and MhcSF. <i>Nucleic Acids Research</i> , 2010, 38, D301-D307.	6.5	232
18	IMGT, the international ImMunoGeneTics database(R). <i>Nucleic Acids Research</i> , 2003, 31, 307-310.	6.5	223

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19	Immunoglobulin and T Cell Receptor Genes: IMGT® and the Birth and Rise of Immunoinformatics. <i>Frontiers in Immunology</i> , 2014, 5, 22.	2.2	213
20	Mechanisms of divergence and convergence of the human immunoglobulin $\hat{I}\pm 1$ and $\hat{I}\pm 2$ constant region gene sequences. <i>Cell</i> , 1984, 36, 681-688.	13.5	209
21	Sequence and Evolution of the Human Germline $\hat{V}\mu$ Repertoire. <i>Journal of Molecular Biology</i> , 1996, 264, 220-232.	2.0	204
22	IMGT/HighV QUEST paradigm for T cell receptor IMGT clonotype diversity and next generation repertoire immunoprofiling. <i>Nature Communications</i> , 2013, 4, 2333.	5.8	193
23	Human immunoglobulin allotypes. <i>MAbs</i> , 2009, 1, 332-338.	2.6	187
24	Teleost Fish Mount Complex Clonal IgM and IgT Responses in Spleen upon Systemic Viral Infection. <i>PLoS Pathogens</i> , 2013, 9, e1003098.	2.1	176
25	Inherited deletion of immunoglobulin heavy chain constant region genes in normal human individuals. <i>Nature</i> , 1982, 300, 760-762.	13.7	166
26	The Past, Present, and Future of Immune Repertoire Biology – The Rise of Next-Generation Repertoire Analysis. <i>Frontiers in Immunology</i> , 2013, 4, 413.	2.2	164
27	Adaptive Immune Receptor Repertoire Community recommendations for sharing immune-repertoire sequencing data. <i>Nature Immunology</i> , 2017, 18, 1274-1278.	7.0	163
28	IMGT/3Dstructure-DB and IMGT/StructuralQuery, a database and a tool for immunoglobulin, T cell receptor and MHC structural data. <i>Nucleic Acids Research</i> , 2004, 32, 208D-210.	6.5	145
29	Organization of the human immunoglobulin lambda light-chain locus on chromosome 22q11.2. <i>Human Molecular Genetics</i> , 1995, 4, 983-991.	1.4	138
30	IMGT, the International ImMunoGeneTics Information System. <i>Cold Spring Harbor Protocols</i> , 2011, 2011, pdb.top115.	0.2	130
31	IMGT-ONTOLOGY for immunogenetics and immunoinformatics. <i>In Silico Biology</i> , 2004, 4, 17-29.	0.4	119
32	Rearrangements to the JP1, JP and JP2 segments in the human T-cell rearranging gamma gene ( $\text{TRG}\hat{I}^3$ ) locus. <i>FEBS Letters</i> , 1987, 224, 291-296.	1.3	116
33	Human Gm, Km, and Am Allotypes and Their Molecular Characterization: A Remarkable Demonstration of Polymorphism. <i>Methods in Molecular Biology</i> , 2012, 882, 635-680.	0.4	115
34	IMGT gene identification and Colliers de Perles of human immunoglobulins with known 3D structures. <i>Immunogenetics</i> , 2002, 53, 857-883.	1.2	111
35	IMGT-Kaleidoscope, the formal IMGT-ONTOLOGY paradigm. <i>Biochimie</i> , 2008, 90, 570-583.	1.3	107
36	High-Affinity, Human Antibody-Like Antibody Fragment (Single-Chain Variable Fragment) Neutralizing the Lethal Factor (LF) of <i>Bacillus anthracis</i> by Inhibiting Protective Antigen-LF Complex Formation. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2758-2764.	1.4	105

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37	IMGT unique numbering for MHC groove G-DOMAIN and MHC superfamily (MhcSF) G-LIKE-DOMAIN. <i>Developmental and Comparative Immunology</i> , 2005, 29, 917-938.	1.0	104
38	Germline Humanization of a Non-human Primate Antibody that Neutralizes the Anthrax Toxin, by in Vitro and in Silico Engineering. <i>Journal of Molecular Biology</i> , 2008, 384, 1400-1407.	2.0	104
39	Unique database numberings system for immunogenetic analysis. <i>Trends in Immunology</i> , 1997, 18, 509.	7.5	102
40	Reproducibility and Reuse of Adaptive Immune Receptor Repertoire Data. <i>Frontiers in Immunology</i> , 2017, 8, 1418.	2.2	102
41	IMGT-Choreography for immunogenetics and immunoinformatics. <i>In Silico Biology</i> , 2005, 5, 45-60.	0.4	102
42	IMGT, a system and an ontology that bridge biological and computational spheres in bioinformatics. <i>Briefings in Bioinformatics</i> , 2008, 9, 263-275.	3.2	101
43	The B7 family of immunoregulatory receptors: A comparative and evolutionary perspective. <i>Molecular Immunology</i> , 2009, 46, 457-472.	1.0	99
44	IMGT/JunctionAnalysis: IMGT Standardized Analysis of the V-J and V-D-J Junctions of the Rearranged Immunoglobulins (IG) and T Cell Receptors (TR). <i>Cold Spring Harbor Protocols</i> , 2011, 2011, pdb.prot5634.	0.2	94
45	Clinical effect of stereotyped B-cell receptor immunoglobulins in chronic lymphocytic leukaemia: a retrospective multicentre study. <i>Lancet Haematology</i> , 2014, 1, e74-e84.	2.2	93
46	Isolation of a human-like antibody fragment (scFv) that neutralizes ricin biological activity. <i>BMC Biotechnology</i> , 2009, 9, 60.	1.7	82
47	IMGT Unique Numbering for the Variable (V), Constant (C), and Groove (G) Domains of IG, TR, MH, IgSF, and MhSF. <i>Cold Spring Harbor Protocols</i> , 2011, 2011, pdb.ip85-pdb.ip85.	0.2	82
48	Nomenclature of the Human Immunoglobulin Heavy (IGH) Genes. <i>Experimental and Clinical Immunogenetics</i> , 2001, 18, 100-116.	1.4	80
49	The human anti-thyroid peroxidase autoantibody repertoire in Graves' and Hashimoto's autoimmune thyroid diseases. <i>Immunogenetics</i> , 2002, 54, 141-157.	1.2	80
50	Costimulatory receptors in jawed vertebrates: Conserved CD28, odd CTLA4 and multiple BTLAs. <i>Developmental and Comparative Immunology</i> , 2007, 31, 255-271.	1.0	79
51	The Human Immunoglobulin Heavy Variable Genes. <i>Experimental and Clinical Immunogenetics</i> , 1999, 16, 36-60.	1.4	78
52	Restricting nonclassical MHC genes coevolve with TRAV genes used by innate-like T cells in mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2983-92.	3.3	76
53	The human T-cell receptor $\hat{1}^3$ (TRG) genes. <i>Trends in Biochemical Sciences</i> , 1989, 14, 214-218.	3.7	72
54	IMGT-ONTOLOGY and IMGT databases, tools and Web resources for immunogenetics and immunoinformatics. <i>Molecular Immunology</i> , 2004, 40, 647-659.	1.0	72

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55	Higher-order connections between stereotyped subsets: implications for improved patient classification in CLL. <i>Blood</i> , 2021, 137, 1365-1376.	0.6	72
56	Reconstructing the Duplication History of Tandemly Repeated Genes. <i>Molecular Biology and Evolution</i> , 2002, 19, 278-288.	3.5	71
57	IG, TR and IgSF, MHC and MhcSF: what do we learn from the IMGT Colliers de Perles?. <i>Briefings in Functional Genomics &amp; Proteomics</i> , 2008, 6, 253-264.	3.8	71
58	The Human Immunoglobulin Kappa Variable (IGKV) Genes and Joining (IGKJ) Segments. <i>Experimental and Clinical Immunogenetics</i> , 1998, 15, 171-183.	1.4	70
59	The Human Immunoglobulin Lambda Variable (IGLV) Genes and Joining (IGLJ) Segments. <i>Experimental and Clinical Immunogenetics</i> , 1998, 15, 8-18.	1.4	70
60	WHO-IUIS Nomenclature Subcommittee for immunoglobulins and T cell receptors report. <i>Immunogenetics</i> , 2007, 59, 899-902.	1.2	70
61	Not all IGHV3-21 chronic lymphocytic leukemias are equal: prognostic considerations. <i>Blood</i> , 2015, 125, 856-859.	0.6	70
62	Structure-function relationships of the variable domains of monoclonal antibodies approved for cancer treatment. <i>Critical Reviews in Oncology/Hematology</i> , 2007, 64, 210-225.	2.0	69
63	Simultaneous absence of the human IgG1, IgG2, IgG4 and IgA1 subclasses: Immunological and immunogenetical considerations. <i>European Journal of Immunology</i> , 1983, 13, 240-244.	1.6	66
64	IMGT Collier de Perles for the Variable (V), Constant (C), and Groove (G) Domains of IG, TR, MH, IgSF, and MhSF. <i>Cold Spring Harbor Protocols</i> , 2011, 2011, pdb.ip86-pdb.ip86.	0.2	63
65	Inferred Allelic Variants of Immunoglobulin Receptor Genes: A System for Their Evaluation, Documentation, and Naming. <i>Frontiers in Immunology</i> , 2019, 10, 435.	2.2	63
66	IMGT/DomainGapAlign: IMGT Standardized Analysis of Amino Acid Sequences of Variable, Constant, and Groove Domains (IG, TR, MH, IgSF, MhSF). <i>Cold Spring Harbor Protocols</i> , 2011, 2011, pdb.prot5636.	0.2	62
67	IMGT/3Dstructure-DB: Querying the IMGT Database for 3D Structures in Immunology and Immunoinformatics (IG or Antibodies, TR, MH, RPI, and FPIA). <i>Cold Spring Harbor Protocols</i> , 2011, 2011, pdb.prot5637.	0.2	62
68	Exon duplication and triplication in the human T-cell receptor gamma constant region genes and RFLP in French, Lebanese, Tunisian, and Black African populations. <i>Immunogenetics</i> , 1989, 29, 161-172.	1.2	61
69	The Human Immunoglobulin Heavy Diversity (IGHD) and Joining (IGHJ) Segments. <i>Experimental and Clinical Immunogenetics</i> , 1999, 16, 173-184.	1.4	61
70	Protein Displays of the Human Immunoglobulin Heavy, Kappa and Lambda Variable and Joining Regions. <i>Experimental and Clinical Immunogenetics</i> , 1999, 16, 234-240.	1.4	61
71	The mouse ( <i>Mus musculus</i> ) T cell receptor alpha (TRA) and delta (TRD) variable genes. <i>Developmental and Comparative Immunology</i> , 2003, 27, 465-497.	1.0	61
72	IMGT/Collier de Perles: IMGT Standardized Representation of Domains (IG, TR, and IgSF Variable and) Tj ETQqO O O rgBT /Overlock 10 Tf . pdb.prot5635-pdb.prot5635.	0.2	61

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73	High-Throughput Immunogenetics for Clinical and Research Applications in Immunohematology: Potential and Challenges. <i>Journal of Immunology</i> , 2017, 198, 3765-3774.	0.4	61
74	DNA sequence variability of IGHC3 alleles associated to the main G3m haplotypes in human populations. <i>European Journal of Human Genetics</i> , 2001, 9, 765-772.	1.4	60
75	Human immunoglobulin heavy chain A2 gene allotype determination by restriction fragment length polymorphism. <i>Nucleic Acids Research</i> , 1984, 12, 1303-1312.	6.5	58
76	Selection of a Macaque Fab with Framework Regions Like Those in Humans, High Affinity, and Ability To Neutralize the Protective Antigen (PA) of <i>Bacillus anthracis</i> by Binding to the Segment of PA between Residues 686 and 694. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 3414-3420.	1.4	58
77	Antibody informatics for drug discovery. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 2002-2015.	1.1	58
78	Gm, Am and Km immunoglobulin allotypes of two populations in Tunisia. <i>Human Genetics</i> , 1979, 50, 199-211.	1.8	53
79	Nomenclature of the Human Immunoglobulin Kappa (IGK) Genes. <i>Experimental and Clinical Immunogenetics</i> , 2001, 18, 161-174.	1.4	51
80	WHO-IUIS Nomenclature Subcommittee for immunoglobulins and T cell receptors report. <i>Developmental and Comparative Immunology</i> , 2008, 32, 461-463.	1.0	51
81	IMGT-ONTOLOGY 2012. <i>Frontiers in Genetics</i> , 2012, 3, 79.	1.1	51
82	Nomenclature of the Human Immunoglobulin Lambda (IGL) Genes. <i>Experimental and Clinical Immunogenetics</i> , 2001, 18, 242-254.	1.4	50
83	IMGT, the International ImMunoGeneTics database. <i>Nucleic Acids Research</i> , 1998, 26, 297-303.	6.5	49
84	IMGT, the international ImMunoGeneTics information system: a standardized approach for immunogenetics and immunoinformatics. <i>Immunome Research</i> , 2005, 1, 3.	0.1	49
85	The genomic sequence of the bovine T cell receptor gamma TRG loci and localization of the TRGC5 cassette. <i>Veterinary Immunology and Immunopathology</i> , 2007, 115, 346-356.	0.5	48
86	IMGT <sup>®</sup> , the International ImMunoGeneTics Information System <sup>®</sup> for Immunoinformatics. <i>Molecular Biotechnology</i> , 2008, 40, 101-111.	1.3	48
87	Characteristics of the somatic hypermutation in the <i>Camelus dromedarius</i> T cell receptor gamma (TRG) and delta (TRD) variable domains. <i>Developmental and Comparative Immunology</i> , 2014, 46, 300-313.	1.0	48
88	Definition of the RFLP alleles in the human immunoglobulin IGHC gene locus. <i>European Journal of Immunology</i> , 1988, 18, 1059-1065.	1.6	46
89	IMGT Colliers de Perles: Standardized Sequence-Structure Representations of the IgSF and MhcSF Superfamily Domains. <i>Current Bioinformatics</i> , 2007, 2, 21-30.	0.7	46
90	A multigene deletion in the human IGH constant region locus involves highly homologous hot spots of recombination. <i>Genomics</i> , 1989, 5, 431-441.	1.3	45

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91	IMGT/HighV-QUEST Statistical Significance of IMGT Clonotype (AA) Diversity per Gene for Standardized Comparisons of Next Generation Sequencing Immunoprofiles of Immunoglobulins and T Cell Receptors. PLoS ONE, 2015, 10, e0142353.	1.1	45
92	Immunogenetic factors driving formation of ultralong VH CDR3 in Bos taurus antibodies. Cellular and Molecular Immunology, 2019, 16, 53-64.	4.8	45
93	IMGT/PhyloGene: an on-line tool for comparative analysis of immunoglobulin and T cell receptor genes. Developmental and Comparative Immunology, 2003, 27, 763-779.	1.0	43
94	IMGT/StatClonotype for Pairwise Evaluation and Visualization of NGS IG and TR IMGT Clonotype (AA) Diversity or Expression from IMGT/HighV-QUEST. Frontiers in Immunology, 2016, 7, 339.	2.2	43
95	Protein Displays of the Human T Cell Receptor Alpha, Beta, Gamma and Delta Variable and Joining Regions. Experimental and Clinical Immunogenetics, 2000, 17, 205-215.	1.4	42
96	A human immunoglobulinIGHG3 allele (Gmb0, b1, c3, c5, u) with anIGHG4 converted region and three hinge exons. Immunogenetics, 1989, 30, 250-257.	1.2	41
97	IMGT, The International ImMunoGeneTics Information System <sup>®</sup> , <a href="http://imgt.cines.fr">http://imgt.cines.fr</a> , 2004, 248, 27-50.		41
98	A high-affinity macaque antibody Fab with human-like framework regions obtained from a small phage display immune library. Molecular Immunology, 2004, 41, 539-546.	1.0	40
99	From IMGT-ONTOLOGY CLASSIFICATION Axiom to IMGT Standardized Gene and Allele Nomenclature: For Immunoglobulins (IG) and T Cell Receptors (TR). Cold Spring Harbor Protocols, 2011, 2011, pdb.ip84-pdb.ip84.	0.2	40
100	Antibody nomenclature. MAbs, 2011, 3, 1-2.	2.6	40
101	Diversity, Molecular Characterization and Expression of T Cell Receptor $\hat{\beta}$ 3 in a Teleost Fish, the Sea Bass (Dicentrarchus labrax, L). PLoS ONE, 2012, 7, e47957.	1.1	40
102	ImmunoGrid: towards agent-based simulations of the human immune system at a natural scale <sup />. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 2799-2815.	1.6	39
103	From IMGT-ONTOLOGY to IMGT/LIGMotif: the IMGT <sup>®</sup> standardized approach for immunoglobulin and T cell receptor gene identification and description in large genomic sequences. BMC Bioinformatics, 2010, 11, 223.	1.2	39
104	Immunoglobulins or Antibodies: IMGT <sup>®</sup> Bridging Genes, Structures and Functions. Biomedicines, 2020, 8, 319.	1.4	39
105	Use of IMGT <sup>®</sup> Databases and Tools for Antibody Engineering and Humanization. Methods in Molecular Biology, 2012, 907, 3-37.	0.4	38
106	T cell receptor/peptide/MHC molecular characterization and standardized pMHC contact sites in IMGT/3Dstructure-DB. In Silico Biology, 2005, 5, 505-28.	0.4	38
107	IMGT, the international ImMunoGeneTics database: a high-quality information system for comparative immunogenetics and immunology. Developmental and Comparative Immunology, 2002, 26, 697-705.	1.0	37
108	Bovine T cell receptor gamma variable and constant genes: combinatorial usage by circulating $\hat{\beta}$ 3 T cells. Immunogenetics, 2006, 58, 138-151.	1.2	37

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109	ImmunoGrid, an integrative environment for large-scale simulation of the immune system for vaccine discovery, design and optimization. <i>Briefings in Bioinformatics</i> , 2008, 10, 330-340.	3.2	36
110	Organization, complexity and allelic diversity of the porcine ( <i>Sus scrofa domestica</i> ) immunoglobulin lambda locus. <i>Immunogenetics</i> , 2012, 64, 399-407.	1.2	35
111	Evolution of the porcine ( <i>Sus scrofa domestica</i> ) immunoglobulin kappa locus through germline gene conversion. <i>Immunogenetics</i> , 2012, 64, 303-311.	1.2	35
112	From IMGT-ONTOLOGY DESCRIPTION Axiom to IMGT Standardized Labels: For Immunoglobulin (IG) and T Cell Receptor (TR) Sequences and Structures. <i>Cold Spring Harbor Protocols</i> , 2011, 2011, pdb.ip83-pdb.ip83.	0.2	34
113	From IMGT-ONTOLOGY IDENTIFICATION Axiom to IMGT Standardized Keywords: For Immunoglobulins (IG), T Cell Receptors (TR), and Conventional Genes. <i>Cold Spring Harbor Protocols</i> , 2011, 2011, pdb.ip82.	0.2	33
114	Sheep ( <i>Ovis aries</i> ) T cell receptor alpha (TRA) and delta (TRD) genes and genomic organization of the TRA/TRD locus. <i>BMC Genomics</i> , 2015, 16, 709.	1.2	33
115	The Mouse ( <i>Mus musculus</i> ) T Cell Receptor Beta Variable (TRBV), Diversity (TRBD) and Joining (TRBJ) Genes. <i>Experimental and Clinical Immunogenetics</i> , 2000, 17, 216-228.	1.4	32
116	IMGT/GenEInfo: enhancing V(D)J recombination database accessibility. <i>Nucleic Acids Research</i> , 2004, 32, 51D-54.	6.5	32
117	Annotation and classification of the bovine T cell receptor delta genes. <i>BMC Genomics</i> , 2010, 11, 100.	1.2	32
118	Genomic and expression analyses of <i>Tursiops truncatus</i> T cell receptor gamma (TRG) and alpha/delta (TRA/TRD) loci reveal a similar basic public I $\beta$ repertoire in dolphin and human. <i>BMC Genomics</i> , 2016, 17, 634.	1.2	32
119	Immunogenetics Sequence Annotation: the Strategy of IMGT based on IMGT-ONTOLOGY. <i>Studies in Health Technology and Informatics</i> , 2005, 116, 3-8.	0.2	32
120	Immunoglobulins: 25 Years of Immunoinformatics and IMGT-ONTOLOGY. <i>Biomolecules</i> , 2014, 4, 1102-1139.	1.8	31
121	Nomenclature and Overview of the Mouse ( <i>Mus musculus</i> and <i>Mus</i> sp.) Immunoglobulin Kappa (IGK) Genes. <i>Experimental and Clinical Immunogenetics</i> , 2001, 18, 255-279.	1.4	30
122	IMGT Colliers de Perles and IgSF domain standardization for T cell costimulatory activatory (CD28,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2007, 31, 1050-1072.	1.0	30
123	A broad range of mutations in HIV-1 neutralizing human monoclonal antibodies specific for V2, V3, and the CD4 binding site. <i>Molecular Immunology</i> , 2015, 66, 364-374.	1.0	30
124	Evolution of the T-Cell Receptor (TR) Loci in the Adaptive Immune Response: The Tale of the TRG Locus in Mammals. <i>Genes</i> , 2020, 11, 624.	1.0	30
125	Immunoglobulin lambda light chain orphans on human chromosome 8q11.2. <i>European Journal of Immunology</i> , 1997, 27, 1260-1265.	1.6	29
126	IMGT/DomainGapAlign: The IMGT <sup>®</sup> Tool for the Analysis of IG, TR, MH, IgSF, and MhSF Domain Amino Acid Polymorphism. <i>Methods in Molecular Biology</i> , 2012, 882, 605-633.	0.4	28



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127	Restriction fragment haplotypes in the human immunoglobulin IGHC locus and their correlation with the Gm polymorphism. <i>European Journal of Immunology</i> , 1988, 18, 1067-1072.	1.6	27
128	Molecular analysis of the T17 immunoglobulin CH multigene deletion (del A1-GP-G2-G4-E). <i>Human Genetics</i> , 1994, 93, 520-8.	1.8	27
129	Chronic Lymphocytic Leukemia with Mutated IGHV4-34 Receptors: Shared and Distinct Immunogenetic Features and Clinical Outcomes. <i>Clinical Cancer Research</i> , 2017, 23, 5292-5301.	3.2	27
130	Expression and genomic analyses of <i>Camelus dromedarius</i> T cell receptor delta (TRD) genes reveal a variable domain repertoire enlargement due to CDR3 diversification and somatic mutation. <i>Molecular Immunology</i> , 2011, 48, 1384-1396.	1.0	26
131	Comprehensive annotation and evolutionary insights into the canine ( <i>Canis lupus familiaris</i> ) antigen receptor loci. <i>Immunogenetics</i> , 2018, 70, 223-236.	1.2	26
132	Mass Spectrometry Detection of G3m and IGHC3 Alleles and Follow-Up of Differential Mother and Neonate IgG3. <i>PLoS ONE</i> , 2012, 7, e46097.	1.1	26
133	A simple method to predict protein-binding from aligned sequences—application to MHC superfamily and $\beta$ 2-microglobulin. <i>Bioinformatics</i> , 2006, 22, 453-459.	1.8	25
134	Antibody Informatics: IMGT, the International ImMunoGeneTics Information System. <i>Microbiology Spectrum</i> , 2014, 2, .	1.2	25
135	Standardized IMGT <sup>®</sup> Nomenclature of Salmonidae IGH Genes, the Paradigm of Atlantic Salmon and Rainbow Trout: From Genomics to Repertoires. <i>Frontiers in Immunology</i> , 2019, 10, 2541.	2.2	25
136	IMGT <sup>®</sup> and 30 Years of Immunoinformatics Insight in Antibody V and C Domain Structure and Function. <i>Antibodies</i> , 2019, 8, 29.	1.2	25
137	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.	2.1	25
138	Human IgG Allotypes Co-Occurring in More than One IgG Subclass. <i>Vox Sanguinis</i> , 1982, 43, 301-309.	0.7	24
139	Gene conversion in human immunoglobulin $\lambda$ 3 locus shown by unusual location of IgG allotypes. <i>FEBS Letters</i> , 1986, 196, 96-102.	1.3	23
140	Deletion, insertion, and restriction site polymorphism of the T-cell receptor gamma variable locus in French, Lebanese, Tunisian, and Black African populations. <i>Immunogenetics</i> , 1989, 30, 350-360.	1.2	23
141	DNA analysis of the immunoglobulin IGHC loci in a Mandenka population from eastern Senegal: correlation with Gm haplotypes and hypotheses for the evolution of the Ig $\lambda$ CH region. <i>Human Genetics</i> , 1996, 98, 36-47.	1.8	23
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