

Marie-Paule Lefranc

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

193
papers

12,430
citations

55
h-index

106
g-index

246
ext. papers

14,945
ext. citations

6.7
avg, IF

6.57
L-index

#	Paper	IF	Citations
193	IMGT/3Dstructure-DB: T-Cell Receptor TR Paratope and Peptide/Major Histocompatibility pMH Contact Sites and Epitope. <i>Methods in Molecular Biology</i> , 2022 , 533-570	1.4	0
192	IMGT [®] Immunoinformatics Tools for Standardized V-DOMAIN Analysis. <i>Methods in Molecular Biology</i> , 2022 , 477-531	1.4	
191	Profiling the T Cell Receptor Alpha/Delta Locus in Salmonids. <i>Frontiers in Immunology</i> , 2021 , 12, 753960	8.4	1
190	The T Cell Receptor (TRB) Locus in : From Sequence to Structure of the Alpha/Beta Heterodimer in the Human/Dolphin Comparison. <i>Genes</i> , 2021 , 12,	4.2	2
189	Genomic analysis of a second rainbow trout line (Arlee) leads to an extended description of the IGH VDJ gene repertoire. <i>Developmental and Comparative Immunology</i> , 2021 , 118, 103998	3.2	4
188	Biological controls for standardization and interpretation of adaptive immune receptor repertoire profiling. <i>ELife</i> , 2021 , 10,	8.9	3
187	Higher-order connections between stereotyped subsets: implications for improved patient classification in CLL. <i>Blood</i> , 2021 , 137, 1365-1376	2.2	26
186	IMGT [®] Biocuration and Comparative Study of the T Cell Receptor Beta Locus of Veterinary Species Based on TRB. <i>Frontiers in Immunology</i> , 2020 , 11, 821	8.4	10
185	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,	4.2	20
184	Antimalarial antibody repertoire defined by plasma IG proteomics and single B cell IG sequencing. <i>JCI Insight</i> , 2020 , 5,	9.9	3
183	IMGT Biocuration and Comparative Analysis of and TRA/TRD Loci. <i>Genes</i> , 2020 , 12,	4.2	5
182	Topology and expressed repertoire of the Felis catus T cell receptor loci. <i>BMC Genomics</i> , 2020 , 21, 20	4.5	9
181	Immunoglobulins or Antibodies: IMGT Bridging Genes, Structures and Functions. <i>Biomedicines</i> , 2020 , 8,	4.8	18
180	IMGT and 30 Years of Immunoinformatics Insight in Antibody V and C Domain Structure and Function. <i>Antibodies</i> , 2019 , 8,	7	12
179	Inferred Allelic Variants of Immunoglobulin Receptor Genes: A System for Their Evaluation, Documentation, and Naming. <i>Frontiers in Immunology</i> , 2019 , 10, 435	8.4	37
178	The T cell receptor (TRA) locus in the rabbit (<i>Oryctolagus cuniculus</i>): Genomic features and consequences for invariant T cells. <i>European Journal of Immunology</i> , 2019 , 49, 2146-2158	6.1	6
177	Standardized IMGT [®] 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	8.4	15

176	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	9.4	14
175	Immunogenetic factors driving formation of ultralong VH CDR3 in <i>Bos taurus</i> antibodies. <i>Cellular and Molecular Immunology</i> , 2019 , 16, 53-64	15.4	27
174	Comprehensive annotation and evolutionary insights into the canine (<i>Canis lupus familiaris</i>) antigen receptor loci. <i>Immunogenetics</i> , 2018 , 70, 223-236	3.2	12
173	No improvement in long-term survival over time for chronic lymphocytic leukemia patients in stereotyped subsets #1 and #2 treated with chemo(immuno)therapy. <i>Haematologica</i> , 2018 , 103, e158-e161	6.6	14
172	Coupling of Single Molecule, Long Read Sequencing with IMGT/HighV-QUEST Analysis Expedites Identification of SIV gp140-Specific Antibodies from scFv Phage Display Libraries. <i>Frontiers in Immunology</i> , 2018 , 9, 329	8.4	10
171	Use of IMGT Databases and Tools for Antibody Engineering and Humanization. <i>Methods in Molecular Biology</i> , 2018 , 1827, 35-69	1.4	7
170	High-Throughput Immunogenetics for Clinical and Research Applications in Immunohematology: Potential and Challenges. <i>Journal of Immunology</i> , 2017 , 198, 3765-3774	5.3	46
169	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	12.9	20
168	Human Immunoglobulin Heavy Gamma Chain Polymorphisms: Molecular Confirmation Of Proteomic Assessment. <i>Molecular and Cellular Proteomics</i> , 2017 , 16, 824-839	7.6	8
167	Adaptive Immune Receptor Repertoire Community recommendations for sharing immune-repertoire sequencing data. <i>Nature Immunology</i> , 2017 , 18, 1274-1278	19.1	95
166	IG and TR single chain fragment variable (scFv) sequence analysis: a new advanced functionality of IMGT/V-QUEST and IMGT/HighV-QUEST. <i>BMC Immunology</i> , 2017 , 18, 35	3.7	15
165	Novel Structural Parameters of Ig-Ag Complexes Yield a Quantitative Description of Interaction Specificity and Binding Affinity. <i>Frontiers in Immunology</i> , 2017 , 8, 34	8.4	16
164	Reproducibility and Reuse of Adaptive Immune Receptor Repertoire Data. <i>Frontiers in Immunology</i> , 2017 , 8, 1418	8.4	63
163	Pacific Biosciences Sequencing and IMGT/HighV-QUEST Analysis of Full-Length Single Chain Fragment Variable from an Selected Phage-Display Combinatorial Library. <i>Frontiers in Immunology</i> , 2017 , 8, 1796	8.4	15
162	Cynomolgus macaque (<i>Macaca fascicularis</i>) immunoglobulin heavy chain locus description. <i>Immunogenetics</i> , 2016 , 68, 417-428	3.2	7
161	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 repertoire in dolphin and human. <i>BMC Genomics</i> , 2016 , 17, 634	4.5	14
160	IMGT/StatClonotype for Pairwise Evaluation and Visualization of NGS IG and TR IMGT Clonotype (AA) Diversity or Expression from IMGT/HighV-QUEST. <i>Frontiers in Immunology</i> , 2016 , 7, 339	8.4	28
159	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	11.5	45

158	Combined IKZF1 and IG markers as new tools for diagnosis and minimal residual disease assessment in Tunisian B-ALL. <i>Bulletin Du Cancer</i> , 2016 , 103, 822-828	2.4	1
157	IMGT [®] , the international ImMunoGeneTics information system [®] 25 years on. <i>Nucleic Acids Research</i> , 2015 , 43, D413-22	20.1	316
156	IMGT [®] Immunoglobulin Repertoire Analysis and Antibody Humanization 2015 , 481-514		2
155	Immunoglobulin heavy variable (IGHV) genes and alleles: new entities, new names and implications for research and prognostication in chronic lymphocytic leukaemia. <i>Immunogenetics</i> , 2015 , 67, 61-6	3.2	19
154	Not all IGHV3-21 chronic lymphocytic leukemias are equal: prognostic considerations. <i>Blood</i> , 2015 , 125, 856-9	2.2	55
153	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	4.5	19
152	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. <i>PLoS ONE</i> , 2015 , 10, e0142353	3.7	29
151	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, 364-74	4.3	21
150	Antibody V and C domain sequence, structure, and interaction analysis with special reference to IMGT [®] . <i>Methods in Molecular Biology</i> , 2014 , 1131, 337-81	1.4	17
149	Characterization of a new V gene replacement in the absence of activation-induced cytidine deaminase and its contribution to human B-cell receptor diversity. <i>Immunology</i> , 2014 , 141, 268-75	7.8	5
148	Clinical effect of stereotyped B-cell receptor immunoglobulins in chronic lymphocytic leukaemia: a retrospective multicentre study. <i>Lancet Haematology</i> , 2014 , 1, e74-84	14.6	76
147	How to Use IMGT [®] for Therapeutic Antibody Engineering 2014 , 229-264		
146	Antibody informatics for drug discovery. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014 , 1844, 2002-2015	4	43
145	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, 300-13	3.2	28
144	Antibody Informatics: IMGT, the International ImMunoGeneTics Information System. <i>Microbiology Spectrum</i> , 2014 , 2,	8.9	13
143	Immunoglobulins: 25 years of immunoinformatics and IMGT-ONTOLOGY. <i>Biomolecules</i> , 2014 , 4, 1102-39	5.9	19
142	Immunoglobulin and T Cell Receptor Genes: IMGT [®] and the Birth and Rise of Immunoinformatics. <i>Frontiers in Immunology</i> , 2014 , 5, 22	8.4	119
141	Immunoinformatics of the V, C, and G domains: IMGT [®] definitive system for IG, TR and IgSF, MH, and MhSF. <i>Methods in Molecular Biology</i> , 2014 , 1184, 59-107	1.4	13

140	IMGT/HighV QUEST paradigm for T cell receptor IMGT clonotype diversity and next generation repertoire immunoprofiling. <i>Nature Communications</i> , 2013 , 4, 2333	17.4	151
139	Teleost fish mount complex clonal IgM and IgT responses in spleen upon systemic viral infection. <i>PLoS Pathogens</i> , 2013 , 9, e1003098	7.6	120
138	The past, present, and future of immune repertoire biology - the rise of next-generation repertoire analysis. <i>Frontiers in Immunology</i> , 2013 , 4, 413	8.4	116
137	Evolution of the porcine (<i>Sus scrofa domestica</i>) immunoglobulin kappa locus through germline gene conversion. <i>Immunogenetics</i> , 2012 , 64, 303-11	3.2	28
136	Stereotyped B-cell receptors in one-third of chronic lymphocytic leukemia: a molecular classification with implications for targeted therapies. <i>Blood</i> , 2012 , 119, 4467-75	2.2	289
135	IMGT() 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	1.4	317
134	IMGT/DomainGapAlign: the IMGT tool for the analysis of IG, TR, MH, IgSF, and MhSF domain amino acid polymorphism. <i>Methods in Molecular Biology</i> , 2012 , 882, 605-33	1.4	20
133	Human Gm, Km, and Am allotypes and their molecular characterization: a remarkable demonstration of polymorphism. <i>Methods in Molecular Biology</i> , 2012 , 882, 635-80	1.4	87
132	Use of IMGT() databases and tools for antibody engineering and humanization. <i>Methods in Molecular Biology</i> , 2012 , 907, 3-37	1.4	29
131	Diversity, molecular characterization and expression of T cell receptor β in a teleost fish, the sea bass (<i>Dicentrarchus labrax</i> , L). <i>PLoS ONE</i> , 2012 , 7, e47957	3.7	34
130	IMGT-ONTOLOGY 2012. <i>Frontiers in Genetics</i> , 2012 , 3, 79	4.5	32
129	Organization, complexity and allelic diversity of the porcine (<i>Sus scrofa domestica</i>) immunoglobulin lambda locus. <i>Immunogenetics</i> , 2012 , 64, 399-407	3.2	28
128	Cytomegalovirus-specific CD8+ T cells targeting different peptide/HLA combinations demonstrate varying T-cell receptor diversity. <i>Immunology</i> , 2012 , 135, 27-39	7.8	7
127	Mass spectrometry detection of G3m and IGHG3 alleles and follow-up of differential mother and neonate IgG3. <i>PLoS ONE</i> , 2012 , 7, e46097	3.7	22
126	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, 604-13	1.2	28
125	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, 614-26	1.2	28
124	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, 716-25	1.2	79
123	IMGT, the International ImMunoGeneTics Information System. <i>Cold Spring Harbor Protocols</i> , 2011 , 2011, 595-603	1.2	95

122	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, 1384-96	4.3	20
121	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, 643-51	1.2	49
120	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, 695-715	1.2	212
119	IMGT/Collier de Perles: IMGT standardized representation of domains (IG, TR, and IgSF variable and constant domains, MH and MhSF groove domains). <i>Cold Spring Harbor Protocols</i> , 2011 , 2011, 726-36	1.2	46
118	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, 737-49	1.2	53
117	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, 750-61	1.2	52
116	From IMGT-ONTOLOGY CLASSIFICATION Axiom to IMGT standardized gene and allele nomenclature: for immunoglobulins (IG) and T cell receptors (TR). <i>Cold Spring Harbor Protocols</i> , 2011 , 2011, 627-32	1.2	37
115	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, 633-42	1.2	70
114	A novel paradigm for cell and molecule interaction ontology: from the CMM model to IMGT-ONTOLOGY. <i>Immunome Research</i> , 2010 , 6, 1		15
113	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, D301-7	20.1	170
112	ImmunoGrid: towards agent-based simulations of the human immune system at a natural scale. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010 , 368, 2799-815 ³		35
111	Restricted V gene usage and VH/VL pairing of mouse humoral response against the N-terminal immunodominant epitope of the amyloid β peptide. <i>Molecular Immunology</i> , 2010 , 48, 59-72	4.3	18
110	From IMGT-ONTOLOGY to IMGT/LIGMotif: the IMGT standardized approach for immunoglobulin and T cell receptor gene identification and description in large genomic sequences. <i>BMC Bioinformatics</i> , 2010 , 11, 223	3.6	23
109	Annotation and classification of the bovine T cell receptor delta genes. <i>BMC Genomics</i> , 2010 , 11, 100	4.5	29
108	Standardized Sequence and Structure Analysis of Antibody Using IMGT \square 2010 , 11-31		12
107	Human immunoglobulin allotypes: possible implications for immunogenicity. <i>MAbs</i> , 2009 , 1, 332-8	6.6	151
106	IMGT, the international ImMunoGeneTics information system. <i>Nucleic Acids Research</i> , 2009 , 37, D1006-12	20.1	547
105	Isolation of a human-like antibody fragment (scFv) that neutralizes ricin biological activity. <i>BMC Biotechnology</i> , 2009 , 9, 60	3.5	69

104	The B7 family of immunoregulatory receptors: a comparative and evolutionary perspective. <i>Molecular Immunology</i> , 2009 , 46, 457-72	4.3	81
103	ImmunoGrid, an integrative environment for large-scale simulation of the immune system for vaccine discovery, design and optimization. <i>Briefings in Bioinformatics</i> , 2009 , 10, 330-40	13.4	29
102	Recovering probabilities for nucleotide trimming processes for T cell receptor TRA and TRG V-J junctions analyzed with IMGT tools. <i>BMC Bioinformatics</i> , 2008 , 9, 408	3.6	6
101	IMGT-ONTOLOGY, IMGT [®] Databases, Tools, and Web Resources for Immunoinformatics 2008 , 1-18		5
100	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, 1400-7	6.5	77
99	IMGT-Kaleidoscope, the formal IMGT-ONTOLOGY paradigm. <i>Biochimie</i> , 2008 , 90, 570-83	4.6	43
98	WHO-IUIS Nomenclature Subcommittee for immunoglobulins and T cell receptors report August 2007, 13th International Congress of Immunology, Rio de Janeiro, Brazil. <i>Developmental and Comparative Immunology</i> , 2008 , 32, 461-3	3.2	40
97	IMGT, a system and an ontology that bridge biological and computational spheres in bioinformatics. <i>Briefings in Bioinformatics</i> , 2008 , 9, 263-75	13.4	45
96	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, W503-8	20.1	815
95	IMGT, the International ImMunoGeneTics Information System for Immunoinformatics : methods for querying IMGT databases, tools, and web resources in the context of immunoinformatics. <i>Molecular Biotechnology</i> , 2008 , 40, 101-11	3	40
94	IMGT Standardization for Molecular Characterization of the T-cell Receptor/Peptide/MHC Complexes 2008 , 19-49		11
93	IG, TR and IgSF, MHC and MhcSF: what do we learn from the IMGT Colliers de Perles?. <i>Briefings in Functional Genomics & Proteomics</i> , 2007 , 6, 253-64		53
92	Structure-function relationships of the variable domains of monoclonal antibodies approved for cancer treatment. <i>Critical Reviews in Oncology/Hematology</i> , 2007 , 64, 210-25	7	53
91	WHO-IUIS Nomenclature Subcommittee for immunoglobulins and T cell receptors report. <i>Immunogenetics</i> , 2007 , 59, 899-902	3.2	56
90	High-affinity, human antibody-like antibody fragment (single-chain variable fragment) neutralizing the lethal factor (LF) of Bacillus anthracis by inhibiting protective antigen-LF complex formation. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 2758-64	5.9	90
89	IMGT Colliers de Perles: Standardized Sequence-Structure Representations of the IgSF and MhcSF Superfamily Domains. <i>Current Bioinformatics</i> , 2007 , 2, 21-30	4.7	37
88	Diversity in the complementarity-determining region 3 (CDR3) of antibodies from mice with evolving anti-thyroid-stimulating hormone receptor antibody responses. <i>Endocrinology</i> , 2007 , 148, 752-61	4.8	6
87	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, 346-56	2	33

86	Costimulatory receptors in jawed vertebrates: conserved CD28, odd CTLA4 and multiple BTLAs. <i>Developmental and Comparative Immunology</i> , 2007 , 31, 255-71	3.2	64
85	IMGT Colliers de Perles and IgSF domain standardization for T cell costimulatory activatory (CD28, ICOS) and inhibitory (CTLA4, PDCD1 and BTLA) receptors. <i>Developmental and Comparative Immunology</i> , 2007 , 31, 1050-72	3.2	24
84	IMGT, the international ImMunoGeneTics information system for Immunoinformatics. Methods for querying IMGT databases, tools, and Web resources in the context of immunoinformatics. <i>Methods in Molecular Biology</i> , 2007 , 409, 19-42	1.4	12
83	Bovine T cell receptor gamma variable and constant genes: combinatorial usage by circulating gammadelta T cells. <i>Immunogenetics</i> , 2006 , 58, 138-51	3.2	34
82	IMGT/GeneInfo: T cell receptor gamma TRG and delta TRD genes in database give access to all TR potential V(D)J recombinations. <i>BMC Bioinformatics</i> , 2006 , 7, 224	3.6	13
81	IMGT/LIGM-DB, the IMGT comprehensive database of immunoglobulin and T cell receptor nucleotide sequences. <i>Nucleic Acids Research</i> , 2006 , 34, D781-4	20.1	207
80	A simple method to predict protein-binding from aligned sequences--application to MHC superfamily and beta2-microglobulin. <i>Bioinformatics</i> , 2006 , 22, 453-9	7.2	20
79	Chemiluminescent detection of clonal immunoglobulin and T cell receptor gene rearrangements in Tunisian lymphoid malignancies, leukemias and lymphomas. <i>Leukemia and Lymphoma</i> , 2006 , 47, 1129-37 ^{1.9}		2
78	IMGT standardization for statistical analyses of T cell receptor junctions: the TRAV-TRAJ example. <i>In Silico Biology</i> , 2006 , 6, 573-88	2	8
77	Selection of a macaque Fab with framework regions like those in humans, high affinity, and ability to neutralize the protective antigen (PA) of Bacillus anthracis by binding to the segment of PA between residues 686 and 694. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 3414-20	5.9	52
76	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	3.2	187
75	IMGT unique numbering for MHC groove G-DOMAIN and MHC superfamily (MhcSF) G-LIKE-DOMAIN. <i>Developmental and Comparative Immunology</i> , 2005 , 29, 917-38	3.2	80
74	IMGT/GENE-DB: a comprehensive database for human and mouse immunoglobulin and T cell receptor genes. <i>Nucleic Acids Research</i> , 2005 , 33, D256-61	20.1	343
73	IMGT, the international ImMunoGeneTics information system. <i>Nucleic Acids Research</i> , 2005 , 33, D593-7	20.1	227
72	IMGT, the international ImMunoGeneTics information system: a standardized approach for immunogenetics and immunoinformatics. <i>Immunome Research</i> , 2005 , 1, 3		43
71	IMGT-Choreography for immunogenetics and immunoinformatics. <i>In Silico Biology</i> , 2005 , 5, 45-60	2	58
70	Immunogenetics Sequence Annotation: the Strategy of IMGT based on IMGT-ONTOLOGY. <i>Studies in Health Technology and Informatics</i> , 2005 , 116, 3-8	0.5	29
69	T cell receptor/peptide/MHC molecular characterization and standardized pMHC contact sites in IMGT/3Dstructure-DB. <i>In Silico Biology</i> , 2005 , 5, 505-28	2	33

68	IMGT/GenInfo: enhancing V(D)J recombination database accessibility. <i>Nucleic Acids Research</i> , 2004 , 32, D51-4	20.1	28
67	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, D208-10	20.1	106
66	IMGT standardized criteria for statistical analysis of immunoglobulin V-REGION amino acid properties. <i>Journal of Molecular Recognition</i> , 2004 , 17, 17-32	2.6	169
65	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, W435-40	20.1	239
64	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 Suppl 1, i379-85	7.2	249
63	IMGT, The International ImMunoGeneTics Information System, http://imgt.cines.fr . <i>Methods in Molecular Biology</i> , 2004 , 248, 27-49	1.4	36
62	IMGT-ONTOLOGY and IMGT databases, tools and Web resources for immunogenetics and immunoinformatics. <i>Molecular Immunology</i> , 2004 , 40, 647-60	4.3	63
61	A high-affinity macaque antibody Fab with human-like framework regions obtained from a small phage display immune library. <i>Molecular Immunology</i> , 2004 , 41, 539-46	4.3	35
60	IMGT-ONTOLOGY for immunogenetics and immunoinformatics. <i>In Silico Biology</i> , 2004 , 4, 17-29	2	73
59	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	3.2	592
58	The mouse (<i>Mus musculus</i>) T cell receptor alpha (TRA) and delta (TRD) variable genes. <i>Developmental and Comparative Immunology</i> , 2003 , 27, 465-97	3.2	55
57	IMGT/PhyloGene: an on-line tool for comparative analysis of immunoglobulin and T cell receptor genes. <i>Developmental and Comparative Immunology</i> , 2003 , 27, 763-79	3.2	37
56	IMGT, the international ImMunoGeneTics database. <i>Nucleic Acids Research</i> , 2003 , 31, 307-10	20.1	180
55	IMGT, the international ImMunoGeneTics information system, http://imgt.cines.fr : the reference in immunoinformatics. <i>Studies in Health Technology and Informatics</i> , 2003 , 95, 74-9	0.5	14
54	IMGT, the international ImMunoGeneTics information system, http://imgt.cines.fr . <i>Novartis Foundation Symposium</i> , 2003 , 254, 126-36; discussion 136-42, 216-22, 250-2		7
53	IMGT gene identification and Colliers de Perles of human immunoglobulins with known 3D structures. <i>Immunogenetics</i> , 2002 , 53, 857-83	3.2	94
52	The human anti-thyroid peroxidase autoantibody repertoire in GravesPand HashimotoB autoimmune thyroid diseases. <i>Immunogenetics</i> , 2002 , 54, 141-57	3.2	63
51	Reconstructing the duplication history of tandemly repeated genes. <i>Molecular Biology and Evolution</i> , 2002 , 19, 278-88	8.3	61

50	IMGT, the international ImMunoGeneTics database: a high-quality information system for comparative immunogenetics and immunology. <i>Developmental and Comparative Immunology</i> , 2002 , 26, 697-705	3.2	26
49	Nomenclature of the human immunoglobulin kappa (IGK) genes. <i>Experimental and Clinical Immunogenetics</i> , 2001 , 18, 161-74		43
48	Nomenclature and overview of the mouse (<i>Mus musculus</i> and <i>Mus sp.</i>) immunoglobulin kappa (IGK) genes. <i>Experimental and Clinical Immunogenetics</i> , 2001 , 18, 255-79		25
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