

Rachele Antonacci

List of Publications by Year in descending order

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53
papers

1,564
citations

257450

24
h-index

315739

38
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58
all docs

58
docs citations

58
times ranked

1321
citing authors

#	ARTICLE	IF	CITATIONS
1	Duplication of a gene-rich cluster between 16p11.1 and Xq28: a novel pericentromeric-directed mechanism for paralogous genome evolution. <i>Human Molecular Genetics</i> , 1996, 5, 899-912.	2.9	136
2	Comparative mapping of human alphoid sequences in great apes using fluorescence in situ hybridization. <i>Genomics</i> , 1995, 25, 477-484.	2.9	110
3	Molecular Cloning, cDNA Sequence, and Chromosomal Localization of the Human Phosphatidylinositol 3-Kinase p110 α (PIK3CA) Gene. <i>Genomics</i> , 1994, 24, 472-477.	2.9	107
4	Heterogeneous chromosomal aberrations generate 3' truncations of the NFKB2/lyt-10 gene in lymphoid malignancies. <i>Blood</i> , 1994, 84, 3850-3860.	1.4	93
5	A panel of subchromosomal painting libraries representing over 300 regions of the human genome. <i>Cytogenetic and Genome Research</i> , 1995, 68, 25-32.	1.1	63
6	The deduced structure of the T cell receptor gamma locus in <i>Canis lupus familiaris</i> . <i>Molecular Immunology</i> , 2009, 46, 2728-2736.	2.2	56
7	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.	2.3	48
8	A Transcription Map in the CATCH22 Critical Region: Identification, Mapping, and Ordering of Four Novel Transcripts Expressed in Heart. <i>Genomics</i> , 1996, 32, 104-112.	2.9	45
9	Structural Organization of Multiple Alphoid Subsets Coexisting on Human Chromosomes 1, 4, 5, 7, 9, 15, 18, and 19. <i>Genomics</i> , 1996, 38, 325-330.	2.9	45
10	New insight into the genomic structure of dog T cell receptor beta (TRB) locus inferred from expression analysis. <i>Developmental and Comparative Immunology</i> , 2012, 37, 279-293.	2.3	40
11	Organization, structure and evolution of 41kb of genomic DNA spanning the D-J-C region of the sheep TRB locus. <i>Molecular Immunology</i> , 2008, 45, 493-509.	2.2	37
12	Genomic organization and recombinational unit duplication-driven evolution of ovine and bovine T cell receptor gamma loci. <i>BMC Genomics</i> , 2008, 9, 81.	2.8	36
13	Genomic characteristics of the T cell receptor (TRB) locus in the rabbit (<i>Oryctolagus cuniculus</i>) revealed by comparative and phylogenetic analyses. <i>Immunogenetics</i> , 2014, 66, 255-266.	2.4	33
14	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.	2.8	33
15	Evolution of TRG Clusters in Cattle and Sheep Genomes as Drawn from the Structural Analysis of the Ovine TRG2 α Locus. <i>Journal of Molecular Evolution</i> , 2003, 57, 52-62.	1.8	32
16	Extensive analysis of D-J-C arrangements allows the identification of different mechanisms enhancing the diversity in sheep T cell receptor β -chain repertoire. <i>BMC Genomics</i> , 2010, 11, 3.	2.8	32
17	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 β repertoire in dolphin and human. <i>BMC Genomics</i> , 2016, 17, 634.	2.8	32
18	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.	2.4	30

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19	The occurrence of three D-J-C clusters within the dromedary TRB locus highlights a shared evolution in Tylopoda, Ruminantia and Suina. <i>Developmental and Comparative Immunology</i> , 2017, 76, 105-119.	2.3	30
20	Hereditary motor and sensory neuropathy with calf hypertrophy is associated with 17p 11.2 duplication. <i>Annals of Neurology</i> , 1994, 35, 552-558.	5.3	29
21	Mapping of the Human NMDAR2B Receptor Subunit Gene (GRIN2B) to Chromosome 12p12. <i>Genomics</i> , 1994, 22, 216-218.	2.9	29
22	The Camel Adaptive Immune Receptors Repertoire as a Singular Example of Structural and Functional Genomics. <i>Frontiers in Genetics</i> , 2019, 10, 997.	2.3	28
23	Generation of diversity by somatic mutation in the <i>Camelus dromedarius</i> T cell receptor gamma variable domains. <i>European Journal of Immunology</i> , 2012, 42, 3416-3428.	2.9	27
24	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.	2.2	26
25	Artiodactyl emergence is accompanied by the birth of an extensive pool of diverse germline TRDV1 genes. <i>Immunogenetics</i> , 2005, 57, 254-266.	2.4	25
26	Structural and comparative analysis of the T cell receptor gamma (TRG) locus in <i>Oryctolagus cuniculus</i> . <i>Immunogenetics</i> , 2012, 64, 773-779.	2.4	25
27	Cloning and Comparative Mapping of a Human Chromosome 4-Specific Alpha Satellite DNA Sequence. <i>Genomics</i> , 1993, 18, 230-235.	2.9	24
28	The genes encoding the glutamate receptor subunits KA1 and KA2 (GRIK4 and GRIK5) are located on separate chromosomes in human, mouse, and rat.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 11849-11853.	7.1	24
29	Comparative Mapping of the Actin-Binding Protein 280 Genes in Human and Mouse. <i>Genomics</i> , 1994, 21, 428-430.	2.9	21
30	T-cell receptor TCRG1 and TCRG2 clusters map separately in two different regions of sheep chromosome 4. <i>Chromosome Research</i> , 1998, 6, 419-420.	2.2	21
31	Detection of a neurofibromatosis type I (NF1) homologous sequence by PCR: implications for the diagnosis and screening of genetic diseases. <i>Molecular and Cellular Probes</i> , 1993, 7, 415-418.	2.1	20
32	Overview of the Germline and Expressed Repertoires of the TRB Genes in <i>Sus scrofa</i> . <i>Frontiers in Immunology</i> , 2018, 9, 2526.	4.8	20
33	Patient with <i>de novo</i> 12p+ syndrome identified as dir dup (12) (p13) using subchromosomal painting libraries from somatic cell hybrids. <i>Clinical Genetics</i> , 1994, 46, 368-371.	2.0	19
34	Comparative Analysis of the TRB Locus in the Camelus Genus. <i>Frontiers in Genetics</i> , 2019, 10, 482.	2.3	19
35	Molecular In Situ Hybridization Analysis of Sheep and Goat BAC Clones Identifies the Transcriptional Orientation of T Cell Receptor Gamma Genes on Chromosome 4 in Bovids. <i>Veterinary Research Communications</i> , 2007, 31, 977-983.	1.6	18
36	Cloning and comparative mapping of recently evolved human chromosome 22-specific alpha satellite DNA. <i>Somatic Cell and Molecular Genetics</i> , 1994, 20, 443-448.	0.7	17

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37	Comparative fluorescence in situ hybridization mapping of primate chromosomes with Alu polymerase chain reaction generated probes from human/rodent somatic cell hybrids. <i>Chromosome Research</i> , 1996, 4, 38-42.	2.2	17
38	Data characterizing the genomic structure of the T cell receptor (TRB) locus in <i>Camelus dromedarius</i> . <i>Data in Brief</i> , 2017, 14, 507-514.	1.0	17
39	Ordered mapping of three alpha satellite DNA subsets on human chromosome 22. <i>Chromosome Research</i> , 1995, 3, 124-127.	2.2	16
40	Assignment of the Gene Encoding the \hat{I}^2 -Subunit of the Electron-Transfer Flavoprotein (ETFB) to Human Chromosome 19q13.3. <i>Genomics</i> , 1994, 19, 177-179.	2.9	12
41	Comprehensive genomic analysis of the dromedary T cell receptor gamma (TRG) locus and identification of a functional TRGC5 cassette. <i>Developmental and Comparative Immunology</i> , 2020, 106, 103614.	2.3	12
42	Cytochrome b marker reveals an independent lineage of <i>Stenella coeruleoalba</i> in the Gulf of Taranto. <i>PLoS ONE</i> , 2019, 14, e0213826.	2.5	10
43	The expansion of the TRB and TRG genes in domestic goats (<i>Capra hircus</i>) is characteristic of the ruminant species. <i>BMC Genomics</i> , 2020, 21, 623.	2.8	8
44	Genomic organization of sheep TRDJ segments and their expression in the \hat{I} -chain repertoire in thymus. <i>Immunogenetics</i> , 2000, 52, 1-8.	2.4	7
45	The Genomic Organisation of the TRA/TRD Locus Validates the Peculiar Characteristics of Dromedary \hat{I} -Chain Expression. <i>Genes</i> , 2021, 12, 544.	2.4	7
46	Assignment of the TRB locus encoding the T-cell receptor beta chain to sheep, cattle, goat and river buffalo chromosomes by in situ hybridization. <i>Cytogenetic and Genome Research</i> , 2001, 94, 82-83.	1.1	6
47	Preparation of Human Chromosomal Painting Probes From Somatic Cell Hybrids. , 1994, 33, 1-14.		4
48	Characterization of chimpanzee-hamster hybrids by chromosome painting. <i>Somatic Cell and Molecular Genetics</i> , 1994, 20, 439-442.	0.7	4
49	Assignment of the TCRA/TCRD locus to sheep chromosome bands 7q1.4→q2.2 by fluorescence in situ hybridization. <i>Cytogenetic and Genome Research</i> , 1997, 79, 193-195.	1.1	4
50	The T Cell Receptor (TRB) Locus in <i>Tursiops truncatus</i> : From Sequence to Structure of the Alpha/Beta Heterodimer in the Human/Dolphin Comparison. <i>Genes</i> , 2021, 12, 571.	2.4	4
51	The Organization of the Pig T-Cell Receptor \hat{I}^3 (TRG) Locus Provides Insights into the Evolutionary Patterns of the TRG Genes across Cetartiodactyla. <i>Genes</i> , 2022, 13, 177.	2.4	2
52	Mapping segmental imbalances using comparative genomic hybridization and eigenanalysis. <i>Cytogenetic and Genome Research</i> , 1995, 71, 276-279.	1.1	1
53	Assessment of genetic diversity of the striped dolphin population in the Gulf of Taranto (Northern) Tj ETQq1 1 0.784314 rgBT ₁ /Overlook		