Rachele Antonacci

List of Publications by Year
in descending order

53	1,564	257450 24	315739 38
papers	citations	h-index	g-index

58	58	58	1321
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Organization of the Pig T-Cell Receptor Î³ (TRG) Locus Provides Insights into the Evolutionary Patterns of the TRG Genes across Cetartiodactyla. Genes, 2022, 13, 177.	2.4	2
2	The Genomic Organisation of the TRA/TRD Locus Validates the Peculiar Characteristics of Dromedary Î´-Chain Expression. Genes, 2021, 12, 544.	2.4	7
3	The T Cell Receptor (TRB) Locus in Tursiops truncatus: From Sequence to Structure of the Alpha/Beta Heterodimer in the Human/Dolphin Comparison. Genes, 2021, 12, 571.	2.4	4
4	Assessment of genetic diversity of the striped dolphin population in the Gulf of Taranto (Northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1	
5	The expansion of the TRB and TRG genes in domestic goats (Capra hircus) is characteristic of the ruminant species. BMC Genomics, 2020, 21, 623.	2.8	8
6	Evolution of the T-Cell Receptor (TR) Loci in the Adaptive Immune Response: The Tale of the TRG Locus in Mammals. Genes, 2020, 11, 624.	2.4	30
7	Comprehensive genomic analysis of the dromedary T cell receptor gamma (TRG) locus and identification of a functional TRGC5 cassette. Developmental and Comparative Immunology, 2020, 106, 103614.	2.3	12
8	Comparative Analysis of the TRB Locus in the Camelus Genus. Frontiers in Genetics, 2019, 10, 482.	2.3	19
9	The Camel Adaptive Immune Receptors Repertoire as a Singular Example of Structural and Functional Genomics. Frontiers in Genetics, 2019, 10, 997.	2.3	28
10	Cytochrome b marker reveals an independent lineage of Stenella coeruleoalba in the Gulf of Taranto. PLoS ONE, 2019, 14, e0213826.	2.5	10
11	Overview of the Germline and Expressed Repertoires of the TRB Genes in Sus scrofa. Frontiers in Immunology, 2018, 9, 2526.	4.8	20
12	Data characterizing the genomic structure of the T cell receptor (TRB) locus in Camelus dromedarius. Data in Brief, 2017, 14, 507-514.	1.0	17
13	The occurrence of three D-J-C clusters within the dromedary TRB locus highlights a shared evolution in Tylopoda, Ruminantia and Suina. Developmental and Comparative Immunology, 2017, 76, 105-119.	2.3	30
14	Genomic and expression analyses of Tursiops truncatus T cell receptor gamma (TRG) and alpha/delta (TRA/TRD) loci reveal a similar basic public Î³Î´ repertoire in dolphin and human. BMC Genomics, 2016, 17, 634.	2.8	32
15	Sheep (Ovis aries) T cell receptor alpha (TRA) and delta (TRD) genes and genomic organization of the TRA/TRD locus. BMC Genomics, 2015, 16, 709.	2.8	33
16	Genomic characteristics of the T cell receptor (TRB) locus in the rabbit (Oryctolagus cuniculus) revealed by comparative and phylogenetic analyses. Immunogenetics, 2014, 66, 255-266.	2.4	33
17	Characteristics of the somatic hypermutation in the Camelus dromedarius T cell receptor gamma (TRG) and delta (TRD) variable domains. Developmental and Comparative Immunology, 2014, 46, 300-313.	2.3	48
18	Generation of diversity by somatic mutation in the <scp>C</scp>amelus dromedarius<scp>T</scp>â€cell receptor gamma variable domains. European Journal of Immunology, 2012, 42, 3416-3428.	2.9	27

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19	Structural and comparative analysis of the T cell receptor gamma (TRG) locus in Oryctolagus cuniculus. Immunogenetics, 2012, 64, 773-779.	2.4	25
20	New insight into the genomic structure of dog T cell receptor beta (TRB) locus inferred from expression analysis. Developmental and Comparative Immunology, 2012, 37, 279-293.	2.3	40
21	Expression and genomic analyses of Camelus dromedarius T cell receptor delta (TRD) genes reveal a variable domain repertoire enlargement due to CDR3 diversification and somatic mutation. Molecular Immunology, 2011, 48, 1384-1396.	2.2	26
22	Extensive analysis of D-J-C arrangements allows the identification of different mechanisms enhancing the diversity in sheep T cell receptor Î²-chain repertoire. BMC Genomics, 2010, 11, 3.	2.8	32
23	The deduced structure of the T cell receptor gamma locus in Canis lupus familiaris. Molecular Immunology, 2009, 46, 2728-2736.	2.2	56
24	Genomic organization and recombinational unit duplication-driven evolution of ovine and bovine T cell receptor gamma loci. BMC Genomics, 2008, 9, 81.	2.8	36
25	Organization, structure and evolution of 41kb of genomic DNA spanning the D-J-C region of the sheep TRB locus. Molecular Immunology, 2008, 45, 493-509.	2.2	37
26	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. Veterinary Research Communications, 2007, 31, 977-983.	1.6	18
27	Artiodactyl emergence is accompanied by the birth of an extensive pool of diverse germline TRDV1 genes. Immunogenetics, 2005, 57, 254-266.	2.4	25
28	Evolution of TRG Clusters in Cattle and Sheep Genomes as Drawn from the Structural Analysis of the Ovine TRG2@ Locus. Journal of Molecular Evolution, 2003, 57, 52-62.	1.8	32
29	Assignment<footref rid="foot01">¹</footref> of the TRB@ locus encoding the T-cell receptor beta chain to sheep, cattle, goat and river buffalo chromosomes by in situ hybridization. Cytogenetic and Genome Research, 2001, 94, 82-83.	1.1	6
30	Genomic organization of sheep TRDJ segments and their expression in the Î´-chain repertoire in thymus. Immunogenetics, 2000, 52, 1-8.	2.4	7
31	T-cell receptor TCRG1 and TCRG2 clusters map separately in two different regions of sheep chromosome 4. Chromosome Research, 1998, 6, 419-420.	2.2	21
32	Assignment of the TCRA/TCRD locus to sheep chromosome bands 7q1.4→q2.2 by fluorescence in situ hybridization. Cytogenetic and Genome Research, 1997, 79, 193-195.	1.1	4
33	A Transcription Map in the CATCH22 Critical Region: Identification, Mapping, and Ordering of Four Novel Transcripts Expressed in Heart. Genomics, 1996, 32, 104-112.	2.9	45
34	Structural Organization of Multiple Alphoid Subsets Coexisting on Human Chromosomes 1, 4, 5, 7, 9, 15, 18, and 19. Genomics, 1996, 38, 325-330.	2.9	45
35	Comparative fluorescencein situ hybridization mapping of primate chromosomes withAlu polymerase chain reaction generated probes from human/rodent somatic cell hybrids. Chromosome Research, 1996, 4, 38-42.	2.2	17
36	Duplication of a gene-rich cluster between 16p11.1 and Xq28: a novel pericentromeric-directed mechanism for paralogous genome evolution. Human Molecular Genetics, 1996, 5, 899-912.	2.9	136

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37	Ordered mapping of three alpha satellite DNA subsets on human chromosome 22. Chromosome Research, 1995, 3, 124-127.	2.2	16
38	Mapping segmental imbalances using comparative genomic hybridization and eigenanalysis. Cytogenetic and Genome Research, 1995, 71, 276-279.	1.1	1
39	A panel of subchromosomal painting libraries representing over 300 regions of the human genome. Cytogenetic and Genome Research, 1995, 68, 25-32.	1.1	63
40	Comparative mapping of human alphoid sequences in great apes using fluorescence in situ hybridization. Genomics, 1995, 25, 477-484.	2.9	110
41	Preparation of Human Chromosomal Painting Probes From Somatic Cell Hybrids. , 1994, 33, 1-14.		4
42	Hereditary motor and sensory neuropathy with calf hypertrophy is associated with 17p 11.2 duplication. Annals of Neurology, 1994, 35, 552-558.	5.3	29
43	Characterization of chimpanzee-hamster hybrids by chromosome painting. Somatic Cell and Molecular Genetics, 1994, 20, 439-442.	0.7	4
44	Cloning and comparative mapping of recently evolved human chromosome 22-specific alpha satellite DNA. Somatic Cell and Molecular Genetics, 1994, 20, 443-448.	0.7	17
45	Assignment of the Gene Encoding the Î²-Subunit of the Electron-Transfer Flavoprotein (ETFB) to Human Chromosome 19q13.3. Genomics, 1994, 19, 177-179.	2.9	12
46	Comparative Mapping of the Actin-Binding Protein 280 Genes in Human and Mouse. Genomics, 1994, 21, 428-430.	2.9	21
47	Mapping of the Human NMDAR2B Receptor Subunit Gene (GRIN2B) to Chromosome 12p12. Genomics, 1994, 22, 216-218.	2.9	29
48	Molecular Cloning, cDNA Sequence, and Chromosomal Localization of the Human Phosphatidylinositol 3-Kinase p110Î± (PIK3CA) Gene. Genomics, 1994, 24, 472-477.	2.9	107
49	The genes encoding the glutamate receptor subunits KA1 and KA2 (GRIK4 and GRIK5) are located on separate chromosomes in human, mouse, and rat.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 11849-11853.	7.1	24
50	Patient with de novo 12p+ syndrome identified as dir dup (12) (p13) using subchromosomal painting libraries from somatic cell hybrids. Clinical Genetics, 1994, 46, 368-371.	2.0	19
51	Heterogeneous chromosomal aberrations generate 3' truncations of the NFKB2/lyt-10 gene in lymphoid malignancies. Blood, 1994, 84, 3850-3860.	1.4	93
52	Cloning and Comparative Mapping of a Human Chromosome 4-Specific Alpha Satellite DNA Sequence. Genomics, 1993, 18, 230-235.	2.9	24
53	Detection of a neurofibromatosis type I (NF1) homologous sequence by PCR: implications for the diagnosis and screening of genetic diseases. Molecular and Cellular Probes, 1993, 7, 415-418.	2.1	20