Valentino Romano

List of Publications by Year
in descending order

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51 papers	3,670 citations	304743 22 h-index	189892 50 g-index
54 all docs	54 docs citations	54 times ranked	5133 citing authors

#	Article	IF	Citations
1	Ancient human genomes suggest three ancestral populations for present-day Europeans. Nature, 2014, 513, 409-413.	27.8	1,179
2	Tracing European Founder Lineages in the Near Eastern mtDNA Pool. American Journal of Human Genetics, 2000, 67, 1251-1276.	6.2	837
3	A European Multicenter Study of Phenylalanine Hydroxylase Deficiency: Classification of 105 Mutations and a General System for Genotype-Based Prediction of Metabolic Phenotype. American Journal of Human Genetics, 1998, 63, 71-79.	6.2	310
4	Mutational spectrum of phenylalanine hydroxylase deficiency in Sicily: implications for diagnosis of hyperphenyl-alaninemia in Southern Europe. Human Molecular Genetics, 1993, 2, 1703-1707.	2.9	115
5	Cytokeratin expression in simple epithelia. Differentiation, 1986, 33, 69-85.	1.9	107
6	Cell line DNA typing in forensic geneticsâ€"the necessity of reliable standards. Forensic Science International, 2003, 138, 37-43.	2.2	102
7	Dramatic brain aminergic deficit in a genetic mouse model of phenylketonuria. NeuroReport, 2000, 11, 1361-1364.	1.2	100
8	Human Y-chromosome variation in the Western Mediterranean area: implications for the peopling of the region. Human Immunology, 2001, 62, 871-884.	2.4	79
9	The Role of Recent Admixture in Forming the Contemporary West Eurasian Genomic Landscape. Current Biology, 2015, 25, 2518-2526.	3.9	68
10	Population Structure in the Mediterranean Basin: A Y Chromosome Perspective. Annals of Human Genetics, 2006, 70, 207-225.	0.8	56
11	Cytokeratin expression in simple epithelia. Differentiation, 1986, 30, 244-253.	1.9	54
12	The behavioral profile of severe mental retardation in a genetic mouse model of phenylketonuria. Behavior Genetics, 2003, 33, 301-310.	2.1	45
13	Differential Greek and northern African migrations to Sicily are supported by genetic evidence from the Y chromosome. European Journal of Human Genetics, 2009, 17, 91-99.	2.8	43
14	Continental and subcontinental distributions of mtDNA control region types. International Journal of Legal Medicine, 2002, 116, 99-108.	2.2	40
15	MtDNA control region and RFLP data for Sicily and France. International Journal of Legal Medicine, 2001, 114, 229-231.	2.2	37
16	Moors and Saracens in Europe: estimating the medieval North African male legacy in southern Europe. European Journal of Human Genetics, 2009, 17, 848-852.	2.8	37
17	Genetic diversity within the R408W phenylketonuria mutation lineages in Europe. Human Mutation, 2003, 21, 387-393.	2.5	32
18	Mutation spectrum of NF1 gene in Italian patients with neurofibromatosis type 1 using Ion Torrent PGMâ„¢ platform. European Journal of Medical Genetics, 2017, 60, 93-99.	1.3	30

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19	Functional Annotation of Genes Overlapping Copy Number Variants in Autistic Patients: Focus on Axon Pathfinding. Current Genomics, 2010, 11, 136-145.	1.6	29
20	The Greeks in the West: genetic signatures of the Hellenic colonisation in southern Italy and Sicily. European Journal of Human Genetics, 2016, 24, 429-436.	2.8	26
21	Assessing the Impact of Copy Number Variants on miRNA Genes in Autism by Monte Carlo Simulation. PLoS ONE, 2014, 9, e90947.	2.5	25
22	DXYS156: a multi-purpose short tandem repeat locus for determination of sex, paternal and maternal geographic origins and DNA fingerprinting. International Journal of Legal Medicine, 2002, 116, 133-138.	2.2	24
23	PAH deficiency in Italy: correlation of genotype with phenotype in the Sicilian population. Journal of Inherited Metabolic Disease, 1996, 19, 15-24.	3.6	20
24	Genetic Heterogeneity in Five Italian Regions: Analysis of PAH Mutations and Minihaplotypes. Human Heredity, 2001, 52, 154-159.	0.8	20
25	Nebulin and titin expression in Duchenne muscular dystrophy appears normal. FEBS Letters, 1987, 224, 49-53.	2.8	19
26	Lack of association of HOXA1 and HOXB1 mutations and autism in Sicilian (Italian) patients. Molecular Psychiatry, 2003, 8, 716-717.	7.9	18
27	The STR252 - IVS10nt546 - VNTR7 phenylalanine hydroxylase minihaplotype in five Mediterranean samples. Human Genetics, 1997, 100, 350-355.	3.8	17
28	Autosomal Microsatellite and mtDNA Genetic Analysis in Sicily (Italy). Annals of Human Genetics, 2003, 67, 42-53.	0.8	17
29	PAH Gene Mutations in the Sicilian Population: Association with Minihaplotypes and Expression Analysis. Molecular Genetics and Metabolism, 2001, 74, 353-361.	1.1	16
30	Exon deletions of the phenylalanine hydroxylase gene in Italian hyperphenylalaninemics. Experimental and Molecular Medicine, 2010, 42, 81.	7.7	13
31	Neuronal Cytoskeleton in Intellectual Disability: From Systems Biology and Modeling to Therapeutic Opportunities. International Journal of Molecular Sciences, 2021, 22, 6167.	4.1	13
32	Phenylketonuria mutations and their relation to RFLP haplotypes at the PAH locus in Czech PKU families. Human Genetics, 1995, 96, 472-476.	3.8	12
33	Screening of subtelomeric rearrangements in autistic disorder: Identification of a partial trisomy of 13q34 in a patient bearing a 13q;21p translocation. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2006, 141B, 584-590.	1.7	12
34	Timing of a Back-Migration into Africa. Science, 2007, 316, 50-53.	12.6	11
35	Molecular basis of mild hyperphenylalaninaemia in Turkey. Journal of Inherited Metabolic Disease, 2000, 23, 523-525.	3.6	10
36	Preliminary studies on the molecular basis of hyperphenylalaninemia in Egypt. Human Genetics, 1996, 98, 3-6.	3.8	9

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37	Prenatal diagnosis by minisatellite analysis in italian families with phenylketonuria. Prenatal Diagnosis, 1994, 14, 959-962.	2.3	8
38	Carrier screening for spinal muscular atrophy in Italian population. Journal of Genetics, 2014, 93, 179-181.	0.7	8
39	Eight new mutations of the phenylalanine hydroxylase gene in Italian patients with hyperphenylalaninemia. Human Mutation, 1998, 11, 240-243.	2.5	7
40	Archaeogenetics and Landscape Dynamics in Sicily during the Holocene: A Review. Sustainability, 2021, 13, 9469.	3.2	7
41	Suggestive evidence for association of D2S2188 marker (2q31.1) with autism in 143 Sicilian (Italian) TRIO families. Psychiatric Genetics, 2005, 15, 149-150.	1.1	6
42	Novel deletion of the E3A ubiquitin protein ligase gene detected by multiplex ligation-dependent probe amplification in a patient with Angelman syndrome. Experimental and Molecular Medicine, 2010, 42, 842.	7.7	5
43	Multiplex ligation-dependent probe amplification detection of an unknown large deletion of the CREB-binding protein gene in a patient with Rubinstein-Taybi Syndrome. Genetics and Molecular Research, 2013, 12, 2809-15.	0.2	5
44	Maternal phenylketonuria in two Sicilian families identified by maternal blood phenylalanine level screening and identification of a new phenylalanine hydroxylase gene mutation (P407L). European Journal of Pediatrics, 1999, 158, 83-84.	2.7	4
45	mtDNA analysis ofÂtheÂhuman remains buried inÂtheÂsarcophagus ofÂFederico II. Journal of Cultural Heritage, 2005, 6, 313-319.	3.3	3
46	Linkage analysis of the fragile X syndrome using a new DNA marker U6.2 defining locus DXS304. American Journal of Medical Genetics Part A, 1991, 38, 322-327.	2.4	2
47	Comparative multiplex dosage analysis in spinocerebellar ataxia type 2 patients. Genetics and Molecular Research, 2013, 12, 1176-1181.	0.2	1
48	Cytokeratin expression in simple epithelia. Differentiation, 1987, 33, 69-85.	1.9	0
49	RFLP analysis in 5 Sicilian families with the fragile X syndrome. American Journal of Medical Genetics Part A, 1991, 38, 347-348.	2.4	0
50	Two novel PAH gene mutations detected in Italian phenylketonuric patients. Human Genetics, 1997, 99, 275-278.	3.8	0
51	Boolean Networks: A Primer. , 2021, , 41-53.		0