

Sergi Castellano

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

10,264
citations

304602

22
h-index

454834

30
g-index

41
all docs

41
docs citations

41
times ranked

14993
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic epidemiology reveals multiple introductions of SARS-CoV-2 from mainland Europe into Scotland. <i>Nature Microbiology</i> , 2021, 6, 112-122.	5.9	88
2	Establishment and lineage dynamics of the SARS-CoV-2 epidemic in the UK. <i>Science</i> , 2021, 371, 708-712.	6.0	335
3	Subgenomic RNA identification in SARS-CoV-2 genomic sequencing data. <i>Genome Research</i> , 2021, 31, 645-658.	2.4	48
4	Taming Cell-to-Cell Heterogeneity in Acute Myeloid Leukaemia With Machine Learning. <i>Frontiers in Oncology</i> , 2021, 11, 666829.	1.3	3
5	The Genomics of Human Local Adaptation. <i>Trends in Genetics</i> , 2020, 36, 415-428.	2.9	75
6	The Enhanced Functionality of Low-Affinity CD19 CAR T Cells Is Associated with Activation Priming and Polyfunctional Cytokine Phenotype. <i>Blood</i> , 2020, 136, 52-53.	0.6	3
7	Genome Annotation. , 2019, , 195-209.		3
8	Selenium strikes back at fungi. <i>Nature Microbiology</i> , 2019, 4, 726-727.	5.9	1
9	The impact of genetic adaptation on chimpanzee subspecies differentiation. <i>PLoS Genetics</i> , 2019, 15, e1008485.	1.5	15
10	The impact of genetic adaptation on chimpanzee subspecies differentiation. , 2019, 15, e1008485.		0
11	The impact of genetic adaptation on chimpanzee subspecies differentiation. , 2019, 15, e1008485.		0
12	The impact of genetic adaptation on chimpanzee subspecies differentiation. , 2019, 15, e1008485.		0
13	Distinct Patterns of Selection in Selenium-Dependent Genes between Land and Aquatic Vertebrates. <i>Molecular Biology and Evolution</i> , 2018, 35, 1744-1756.	3.5	14
14	The genomics of selenium: Its past, present and future. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2427-2432.	1.1	14
15	Determination of genetic relatedness from low-coverage human genome sequences using pedigree simulations. <i>Molecular Ecology</i> , 2017, 26, 4145-4157.	2.0	12
16	The Divergence of Neandertal and Modern Human Y Chromosomes. <i>American Journal of Human Genetics</i> , 2016, 98, 728-734.	2.6	81
17	Selenoprotein Gene Nomenclature. <i>Journal of Biological Chemistry</i> , 2016, 291, 24036-24040.	1.6	207
18	Chimpanzee genomic diversity reveals ancient admixture with bonobos. <i>Science</i> , 2016, 354, 477-481.	6.0	230

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19	Ancient gene flow from early modern humans into Eastern Neanderthals. <i>Nature</i> , 2016, 530, 429-433.	13.7	392
20	The Role of Selenium in Human Evolution. , 2016, , 59-71.		1
21	Genetic Adaptation to Levels of Dietary Selenium in Recent Human History. <i>Molecular Biology and Evolution</i> , 2015, 32, 1507-1518.	3.5	29
22	SelenoDB 2.0: annotation of selenoprotein genes in animals and their genetic diversity in humans. <i>Nucleic Acids Research</i> , 2014, 42, D437-D443.	6.5	35
23	Patterns of coding variation in the complete exomes of three Neandertals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6666-6671.	3.3	223
24	Ancient human genomes suggest three ancestral populations for present-day Europeans. <i>Nature</i> , 2014, 513, 409-413.	13.7	1,179
25	A Revised Timescale for Human Evolution Based on Ancient Mitochondrial Genomes. <i>Current Biology</i> , 2013, 23, 553-559.	1.8	540
26	Evolutionary Basis for the Use of Selenocysteine. , 2011, , 85-93.		0
27	Low Exchangeability of Selenocysteine, the 21st Amino Acid, in Vertebrate Proteins. <i>Molecular Biology and Evolution</i> , 2009, 26, 2031-2040.	3.5	38
28	On the unique function of selenocysteine " Insights from the evolution of selenoproteins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009, 1790, 1463-1470.	1.1	21
29	SelenoDB 1.0 : a database of selenoprotein genes, proteins and SECIS elements. <i>Nucleic Acids Research</i> , 2008, 36, D332-D338.	6.5	54
30	Diversity and functional plasticity of eukaryotic selenoproteins: Identification and characterization of the Selj family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 16188-16193.	3.3	94
31	Nematode selenoproteome: the use of the selenocysteine insertion system to decode one codon in an animal genome?. <i>Nucleic Acids Research</i> , 2005, 33, 2227-2238.	6.5	76
32	Reconsidering the evolution of eukaryotic selenoproteins: a novel nonmammalian family with scattered phylogenetic distribution. <i>EMBO Reports</i> , 2004, 5, 71-77.	2.0	99
33	Genome duplication in the teleost fish <i>Tetraodon nigroviridis</i> reveals the early vertebrate proto-karyotype. <i>Nature</i> , 2004, 431, 946-957.	13.7	1,801
34	Sequence and comparative analysis of the chicken genome provide unique perspectives on vertebrate evolution. <i>Nature</i> , 2004, 432, 695-716.	13.7	2,421
35	Characterization of Mammalian Selenoproteomes. <i>Science</i> , 2003, 300, 1439-1443.	6.0	2,019
36	In silico identification of novel selenoproteins in the <i>Drosophila melanogaster</i> genome. <i>EMBO Reports</i> , 2001, 2, 697-702.	2.0	110