Barbera D C Van Schaik

List of Publications by Year
in descending order

25 papers	**1,645** citations	516710 **16** h-index	752698 **20** g-index
25 all docs	**25** docs citations	**25** times ranked	**3822** citing authors

#	Article	IF	Citations
1	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. Nature Genetics, 2019, 51, 804-814.	21.4	402
2	The Human Transcriptome Map Reveals Extremes in Gene Density, Intron Length, GC Content, and Repeat Pattern for Domains of Highly and Weakly Expressed Genes. Genome Research, 2003, 13, 1998-2004.	5.5	306
3	Heterozygous missense mutations in SMARCA2 cause Nicolaides-Baraitser syndrome. Nature Genetics, 2012, 44, 445-449.	21.4	207
4	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718.	3.5	95
5	Human T-cell memory consists mainly of unexpanded clones. Immunology Letters, 2010, 133, 42-48.	2.5	89
6	A Sensitive Assay for Virus Discovery in Respiratory Clinical Samples. PLoS ONE, 2011, 6, e16118.	2.5	80
7	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. Human Molecular Genetics, 2019, 28, 3327-3338.	2.9	76
8	The MEIS1 Oncogene Is Highly Expressed in Neuroblastoma and Amplified in Cell Line IMR32. Genomics, 2001, 71, 214-221.	2.9	75
9	SGCE isoform characterization and expression in human brain: implications for myoclonus–dystonia pathogenesis?. European Journal of Human Genetics, 2011, 19, 438-444.	2.8	63
10	In Rheumatoid Arthritis, Synovitis at Different Inflammatory Sites Is Dominated by Shared but Patient-Specific T Cell Clones. Journal of Immunology, 2018, 201, 417-422.	0.8	43
11	Performance of VIDISCA-454 in Feces-Suspensions and Serum. Viruses, 2012, 4, 1328-1334.	3.3	37
12	Somatic Variation of T-Cell Receptor Genes Strongly Associate with HLA Class Restriction. PLoS ONE, 2015, 10, e0140815.	2.5	30
13	Clonal Evolution of CD8$^+$ T Cell Responses against Latent Viruses: Relationship among Phenotype, Localization, and Function. Journal of Virology, 2015, 89, 568-580.	3.4	26
14	Non-response to rituximab therapy in rheumatoid arthritis is associated with incomplete disruption of the B cell receptor repertoire. Annals of the Rheumatic Diseases, 2019, 78, 1339-1345.	0.9	26
15	N-Glycosylation Site Analysis of Citrullinated Antigen-Specific B-Cell Receptors Indicates Alternative Selection Pathways During Autoreactive B-Cell Development. Frontiers in Immunology, 2019, 10, 2092.	4.8	23
16	Pro-Apoptotic Protein Noxa Regulates Memory T Cell Population Size and Protects against Lethal Immunopathology. Journal of Immunology, 2013, 190, 1180-1191.	0.8	22
17	Computational Model Reveals Limited Correlation between Germinal Center B-Cell Subclone Abundancy and Affinity: Implications for Repertoire Sequencing. Frontiers in Immunology, 2017, 8, 221.	4.8	20
18	Looking ultra deep: Short identical sequences and transcriptional slippage. Genomics, 2011, 98, 90-95.	2.9	9

#	Article	IF	Citations
19	Initial steps towards a production platform for DNA sequence analysis on the grid. BMC Bioinformatics, 2010, 11, 598.	2.6	7
20	Characterization and Monitoring of Antigen-Responsive T Cell Clones Using T Cell Receptor Gene Expression Analysis. Frontiers in Immunology, 2020, 11, 609624.	4.8	5
21	Data Decomposition in Biomedical e-Science Applications. , 2011, , .		2
22	Exploring Dynamic Enactment of Scientific Workflows Using Pilot-Abstractions. , 2013, , .		1
23	SGCE isoform characterization and expression in human brain: implications for myoclonusâ€"dystonia pathogenesis?. , 0, .		1
24	Gene Expression Informatics and Analysis. , 0, , 317-344.		0
25	The Construction of Genome-Based Transcriptional Units. OMICS A Journal of Integrative Biology, 2009, 13, 105-114.	2.0	0