Stéphane Buhler

List of Publications by Year
in descending order

41 papers	1,066 citations	471509 17 h-index	434195 31 g-index
44 all docs	44 docs citations	44 times ranked	1593 citing authors

#	Article	IF	Citations
1	HLA DNA Sequence Variation among Human Populations: Molecular Signatures of Demographic and Selective Events. PLoS ONE, 2011, 6, e14643.	2.5	126
2	Binding affinities of 438 <scp>HLA</scp> proteins to complete proteomes of seven pandemic viruses and distributions of strongest and weakest <scp>HLA</scp> peptide binders in populations worldwide. Hla, 2020, 96, 277-298.	0.6	89
3	Immunogenetics as a tool in anthropological studies. Immunology, 2011, 133, 143-164.	4.4	87
4	The <i><scp>HLA</scp>â€net G<scp>ENE[RATE</scp>]</i> pipeline for effective <scp>HLA</scp> data analysis and its application to 145 population samples from Europe and neighbouring areas. Tissue Antigens, 2014, 83, 307-323.	1.0	79
5	Common and wellâ€documented HLA alleles over all of Europe and within European subâ€regions: A catalogue from the European Federation for Immunogenetics. Hla, 2017, 89, 104-113.	0.6	68
6	The Heterogeneous HLA Genetic Makeup of the Swiss Population. PLoS ONE, 2012, 7, e41400.	2.5	49
7	A New HLA Map of Europe: Regional Genetic Variation and Its Implication for Peopling History, Disease-Association Studies and Tissue Transplantation. Human Heredity, 2013, 76, 162-177.	0.8	43
8	HLA supertype variation across populations: new insights into the role of natural selection in the evolution of HLA-A and HLA-B polymorphisms. Immunogenetics, 2015, 67, 651-663.	2.4	42
9	Association of HLA-A and Non-Classical HLA Class I Alleles. PLoS ONE, 2016, 11, e0163570.	2.5	40
10	Strategies to work with HLA data in human populations for histocompatibility, clinical transplantation, epidemiology and population genetics: HLAâ€NET methodological recommendations. International Journal of Immunogenetics, 2012, 39, 459-476.	1.8	39
11	HLA-G UTR Haplotype Conservation in the Malian Population: Association with Soluble HLA-G. PLoS ONE, 2013, 8, e82517.	2.5	39
12	HLA class II genetic diversity in southern Tunisia and the Mediterranean area. International Journal of Immunogenetics, 2006, 33, 93-103.	1.8	34
13	The <scp>HLA</scp>â€B landscape of Africa: Signatures of pathogenâ€driven selection and molecular identification of candidate alleles to malaria protection. Molecular Ecology, 2017, 26, 6238-6252.	3.9	34
14	16th IHIW: Analysis of <scp>HLA</scp> Population Data, with updated results for 1996 to 2012 workshop data (<scp>AHPD</scp> project report). International Journal of Immunogenetics, 2013, 40, 21-30.	1.8	32
15	HLA class I molecular variation and peptide-binding properties suggest a model of joint divergent asymmetric selection. Immunogenetics, 2016, 68, 401-416.	2.4	31
16	HLA-C molecular characterization of a Lebanese population and genetic structure of 39 populations from Europe to India-Pakistan. Tissue Antigens, 2006, 68, 44-57.	1.0	23
17	Genetic T-cell receptor diversity at 1 year following allogeneic hematopoietic stem cell transplantation. Leukemia, 2020, 34, 1422-1432.	7.2	20
18	High-resolution HLA phased haplotype frequencies to predict the success of unrelated donor searches and clinical outcome following hematopoietic stem cell transplantation. Bone Marrow Transplantation, 2019, 54, 1701-1709.	2.4	15

#	Article	IF	Citations
19	Mapping the HLA diversity of the Iberian Peninsula. Human Immunology, 2016, 77, 832-840.	2.4	13
20	<scp>HLA</scp> genetic diversity in Hungarians and Hungarian Gypsies: complementary differentiation patterns and demographic signals revealed by <scp>HLA</scp>‑A, ‑<scp>B</scp> and ‑<scp>DRB1</scp> in Central Europe. Tissue Antigens, 2015, 86, 115-121.	1.0	11
21	Polymorphism of HLA class II genes in Berbers from Southern Tunisia. Tissue Antigens, 2010, 76, 416-420.	1.0	10
22	High levels of molecular polymorphism at the KIR2DL4 locus in French and Congolese populations: Impact for anthropology and clinical studies. Human Immunology, 2009, 70, 953-959.	2.4	8
23	Regulation of HLA class I expression by non-coding gene variations. PLoS Genetics, 2022, 18, e1010212.	3.5	8
24	Resolution of <i><scp>HLA</scp>‑B*44:02:<scp>01G</scp></i>, ‑<i><scp>DRB1</scp>*14:01:<scp>01G</scp></i> and ‑<i><scp>DQB1</scp>*03:01:<scp>01G</scp></i> reveals a high allelic variability among 12 European populations. Tissue Antigens, 2014, 84, 459-464.	1.3	7
25	<scp>HLA</scp>‑A, B and ‑<scp>DRB</scp>1 genetic heterogeneity in <scp>Q</scp>uebec. International Journal of Immunogenetics, 2015, 42, 69-77.	1.8	7
26	Allorecognition of HLA-C Mismatches by CD8+ T Cells in Hematopoietic Stem Cell Transplantation Is a Complex Interplay between Mismatched Peptide-Binding Region Residues, HLA-C Expression, and HLA-DPB1 Disparities. Frontiers in Immunology, 2016, 7, 584.	4.8	7
27	The <scp>HLA</scp>‑A, ‑B and ‑<scp>DRB1</scp> polymorphism in a large dataset of South Brazil bone marrow donors from Rio Grande do Sul. Hla, 2017, 89, 29-38.	0.6	7
28	Identification of four novel <scp>HLA‑A</scp> alleles. Hla, 2020, 96, 202-203.	0.6	7
29	Analysis of biological models to predict clinical outcomes based on HLA-DPB1 disparities in unrelated transplantation. Blood Advances, 2021, 5, 3377-3386.	5.2	7
30	Detection of circulating highly expanded T-cell clones in at-risk individuals for rheumatoid arthritis before the clinical onset of the disease. Rheumatology, 2021, 60, 3451-3460.	1.9	6
31	Characterization of the novel HLA‑B*07:398 allele in a French hematopoietic stem cell donor. Hla, 2020, 96, 339-340.	0.6	6
32	PCR-SSOP molecular typing of HLA-C alleles in an Iranian population. Tissue Antigens, 2002, 59, 525-530.	1.0	5
33	Identification of seven novel HLA class I and II alleles. Hla, 2018, 92, 164-165.	0.6	5
34	CD8+ T-Cell Repertoire in Human Leukocyte Antigen Class I-Mismatched Alloreactive Immune Response. Frontiers in Immunology, 2020, 11, 588741.	4.8	5
35	A significant effect of the killer cell immunoglobulin‑like receptor ligand human leucocyte antigen‑C on fibrosis progression in chronic C hepatitis with or without liver transplantation. Liver International, 2016, 36, 1331-1339.	3.9	4
36	Identification of the novel <i>HLA‑B*07:261</i> allele. Hla, 2016, 87, 102-103.	0.6	3

#	Article	IF	Citations
37	Identification of 3 novel HLA‑B alleles: <i>B*08:173</i>, <i>B*18:72:03</i> and <i>B*53:05:02</i>. Hla, 2017, 89, 114-115.	0.6	3
38	Characterization of the novel <i><scp>HLA‑B</scp>*15:514</i> allele in a French hematopoietic stem cell donor. Hla, 2021, 97, 143-145.	0.6	3
39	Identification of seven novel <scp>HLA‑C</scp> alleles. Hla, 2020, 96, 99-101.	0.6	2
40	KIR genotypic diversity in Portuguese and analysis of KIR gene allocation after allogeneic hematopoietic stem cell transplantation. Hla, 2016, 87, 375-380.	0.6	0
41	RNA and TCR Sequencing Shed Light on Mechanisms of Treg Suppression in a Murine Model of Acute GvHD. Blood, 2020, 136, 30-30.	1.4	0