StÃ©phane 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	Regulation of HLA class I expression by non-coding gene variations. PLoS Genetics, 2022, 18, e1010212.	3.5	8
2	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
3	Characterization of the novel <scp>HLAâ€B</scp>*15:514 allele in a French hematopoietic stem cell donor. Hla, 2021, 97, 143-145.	0.6	3
4	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
5	Genetic T-cell receptor diversity at 1 year following allogeneic hematopoietic stem cell transplantation. Leukemia, 2020, 34, 1422-1432.	7.2	20
6	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
7	Characterization of the novel HLAâ€B*07:398 allele in a French hematopoietic stem cell donor. Hla, 2020, 96, 339-340.	0.6	6
8	Identification of seven novel <scp>HLAâ€C</scp> alleles. Hla, 2020, 96, 99-101.	0.6	2
9	Identification of four novel <scp>HLAâ€A</scp> alleles. Hla, 2020, 96, 202-203.	0.6	7
10	CD8+ T-Cell Repertoire in Human Leukocyte Antigen Class I-Mismatched Alloreactive Immune Response. Frontiers in Immunology, 2020, 11, 588741.	4.8	5
11	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
12	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
13	Identification of seven novel HLA class I and II alleles. Hla, 2018, 92, 164-165.	0.6	5
14	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
15	The <scp>HLA</scp>â€A, â€B and â€<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
16	Identification of 3 novel HLAâ€B alleles: B*08:173, B*18:72:03 and B*53:05:02. Hla, 2017, 89, 114-115.	0.6	3
17	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
18	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

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19	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
20	Mapping the HLA diversity of the Iberian Peninsula. Human Immunology, 2016, 77, 832-840.	2.4	13
21	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
22	Identification of the novel HLAâ€B*07:261 allele. Hla, 2016, 87, 102-103.	0.6	3
23	A significant effect of the killer cell immunoglobulinâ€like receptor ligand human leucocyte antigenâ€C on fibrosis progression in chronic C hepatitis with or without liver transplantation. Liver International, 2016, 36, 1331-1339.	3.9	4
24	Association of HLA-A and Non-Classical HLA Class I Alleles. PLoS ONE, 2016, 11, e0163570.	2.5	40
25	<scp>HLA</scp> genetic diversity in Hungarians and Hungarian Gypsies: complementary differentiation patterns and demographic signals revealed by <scp>HLA</scp>â€A, â€<scp>B</scp> and â€<scp>DRB1</scp> in Central Europe. Tissue Antigens, 2015, 86, 115-121.	1.0	11
26	<scp>HLA</scp>â€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
27	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
28	Resolution of <scp>HLA</scp>â€B*44:02:<scp>01G</scp>, â€<scp>DRB1</scp>*14:01:<scp>01G</scp> and â€<scp>DQB1</scp>*03:01:<scp>01G</scp> reveals a high allelic variability among 12 European populations. Tissue Antigens, 2014, 84, 459-464.	1.0	7
29	The <scp>HLA</scp>â€net G<scp>ENE[RATE</scp>] 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
30	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
31	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
32	HLA-G UTR Haplotype Conservation in the Malian Population: Association with Soluble HLA-G. PLoS ONE, 2013, 8, e82517.	2.5	39
33	The Heterogeneous HLA Genetic Makeup of the Swiss Population. PLoS ONE, 2012, 7, e41400.	2.5	49
34	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
35	HLA DNA Sequence Variation among Human Populations: Molecular Signatures of Demographic and Selective Events. PLoS ONE, 2011, 6, e14643.	2.5	126
36	Immunogenetics as a tool in anthropological studies. Immunology, 2011, 133, 143-164.	4.4	87

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37	Polymorphism of HLA class II genes in Berbers from Southern Tunisia. Tissue Antigens, 2010, 76, 416-420.	1.0	10
38	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
39	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
40	HLA class II genetic diversity in southern Tunisia and the Mediterranean area. International Journal of Immunogenetics, 2006, 33, 93-103.	1.8	34
41	PCR-SSOP molecular typing of HLA-C alleles in an Iranian population. Tissue Antigens, 2002, 59, 525-530.	1.0	5