Daria Bortolotti

List of Publications by Year
in descending order

78 papers	1,825 citations	279798 23 h-index	315739 38 g-index
84 all docs	84 docs citations	84 times ranked	2308 citing authors

#	Article	IF	Citations
1	TLR3 and TLR7 RNA Sensor Activation during SARS-CoV-2 Infection. Microorganisms, 2021, 9, 1820.	3.6	113
2	Secretome of in vitro cultured human embryos contains extracellular vesicles that are uptaken by the maternal side. Scientific Reports, 2017, 7, 5210.	3.3	108
3	HLA-G Molecules in Autoimmune Diseases and Infections. Frontiers in Immunology, 2014, 5, 592.	4.8	99
4	Some Basic Aspects of HLA-G Biology. Journal of Immunology Research, 2014, 2014, 1-10.	2.2	79
5	Matrix metalloproteinase-2 (MMP-2) generates soluble HLA-G1 by cell surface proteolytic shedding. Molecular and Cellular Biochemistry, 2013, 381, 243-255.	3.1	73
6	SARS-CoV-2 Spike 1 Protein Controls Natural Killer Cell Activation via the HLA-E/NKG2A Pathway. Cells, 2020, 9, 1975.	4.1	69
7	Presence of HHV-6A in Endometrial Epithelial Cells from Women with Primary Unexplained Infertility. PLoS ONE, 2016, 11, e0158304.	2.5	65
8	Role of HLA-G 14bp deletion/insertion and +3142C>G polymorphisms in the production of sHLA-G molecules in relapsing-remitting multiple sclerosis. Human Immunology, 2012, 73, 1140-1146.	2.4	51
9	HelixComplex snail mucus exhibits pro-survival, proliferative and pro-migration effects on mammalian fibroblasts. Scientific Reports, 2018, 8, 17665.	3.3	50
10	HHV-6A infection induces amyloid-beta expression and activation of microglial cells. Alzheimer's Research and Therapy, 2019, 11, 104.	6.2	48
11	HLA-G may predict the disease course in patients with early rheumatoid arthritis. Human Immunology, 2013, 74, 425-432.	2.4	47
12	HLA-G is a component of the chronic lymphocytic leukemia escape repertoire to generate immune suppression: impact of the HLA-G 14 base pair (rs66554220) polymorphism. Haematologica, 2014, 99, 888-896.	3.5	43
13	HHV-6A/6B Infection of NK Cells Modulates the Expression of miRNAs and Transcription Factors Potentially Associated to Impaired NK Activity. Frontiers in Microbiology, 2017, 8, 2143.	3.5	40
14	sHLA-G1 and HLA-G5 levels are decreased in Tunisian women with multiple abortion. Human Immunology, 2016, 77, 342-345.	2.4	38
15	KIR2DS2/KIR2DL2/HLA-C1 Haplotype Is Associated with Alzheimerâ€™s Disease: Implication for the Role of Herpesvirus Infections. Journal of Alzheimer's Disease, 2019, 67, 1379-1389.	2.6	36
16	HHV-6A Infection of Endometrial Epithelial Cells Induces Increased Endometrial NK Cell-Mediated Cytotoxicity. Frontiers in Microbiology, 2017, 8, 2525.	3.5	35
17	New Insights into HLA-G and Inflammatory Diseases. Inflammation and Allergy: Drug Targets, 2012, 11, 448-463.	1.8	34
18	Implication of <scp>HLA</scp>â€Ğ 3â€² untranslated region polymorphisms in human papillomavirus infection. Tissue Antigens, 2014, 83, 113-118.	1.0	31

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19	HelixComplex snail mucus as a potential technology against O3 induced skin damage. PLoS ONE, 2020, 15, e0229613.	2.5	29
20	Association of an <scp>HLA</scp>â€G 14â€bp Insertion/Deletion polymorphism with high <scp>HBV</scp> replication in chronic hepatitis. Journal of Viral Hepatitis, 2015, 22, 835-841.	2.0	27
21	Association between sHLA-G and HLA-G 14-bp deletion/insertion polymorphism in Crohnâ€™s disease. International Immunology, 2015, 27, 289-296.	4.0	27
22	Impact of Soluble HLA-G Levels and Endometrial NK Cells in Uterine Flushing Samples from Primary and Secondary Unexplained Infertile Women. International Journal of Molecular Sciences, 2015, 16, 5510-5516.	4.1	23
23	TIMP-1 resistant matrix metalloproteinase-9 is the predominant serum active isoform associated with MRI activity in patients with multiple sclerosis. Multiple Sclerosis Journal, 2015, 21, 1121-1130.	3.0	23
24	HHV-6A Infection and Systemic Sclerosis: Clues of a Possible Association. Microorganisms, 2020, 8, 39.	3.6	23
25	Androgen receptor signaling regulates the transcriptome of prostate cancer cells by modulating global alternative splicing. Oncogene, 2020, 39, 6172-6189.	5.9	23
26	Human Herpesvirus 6A and 6B inhibit in vitro angiogenesis by induction of Human Leukocyte Antigen G. Scientific Reports, 2018, 8, 17683.	3.3	21
27	HHVâ€6A infection of endometrial epithelial cells affects immune profile and trophoblast invasion. American Journal of Reproductive Immunology, 2019, 82, e13174.	1.2	21
28	Pseudomonas aeruginosa Quorum Sensing Molecule N -(3-Oxododecanoyl)- l -Homoserine-Lactone Induces HLA-G Expression in Human Immune Cells. Infection and Immunity, 2015, 83, 3918-3925.	2.2	20
29	Increased plasmatic soluble HLA-G levels in endometrial cancer. Molecular Immunology, 2018, 99, 82-86.	2.2	20
30	SARS-CoV-2 nucleocapsid protein and ultrastructural modifications in small bowel of a 4-week-negative COVID-19 patient. Clinical Microbiology and Infection, 2021, 27, 936-937.	6.0	20
31	Acute human herpesvirus-6A infection of human mesothelial cells modulates HLA molecules. Archives of Virology, 2015, 160, 2141-2149.	2.1	19
32	Study of Soluble HLA-G in Congenital Human Cytomegalovirus Infection. Journal of Immunology Research, 2016, 2016, 1-9.	2.2	19
33	<scp>HLA</scp>â€E polymorphism and soluble <scp>HLA</scp>â€E plasma levels in chronic hepatitis B patients. Hla, 2016, 87, 153-159.	0.6	19
34	Letter to the Editor: Antimicrobial properties of mucus from the brown garden snailHelix aspersa. British Journal of Biomedical Science, 2016, 73, 49-50.	1.3	18
35	Increased sHLA-G Is Associated with Improved COVID-19 Outcome and Reduced Neutrophil Adhesion. Viruses, 2021, 13, 1855.	3.3	17
36	Fetal cell microchimerism: a protective role in autoimmune thyroid diseases. European Journal of Endocrinology, 2015, 173, 111-118.	3.7	16

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37	The association between functional HLA-G 14bp insertion/deletion and +3142 C>G polymorphisms and susceptibility to multiple sclerosis. Immunology Letters, 2016, 180, 24-30.	2.5	16
38	KIR2DL2 inhibitory pathway enhances Th17 cytokine secretion by NK cells in response to herpesvirus infection in multiple sclerosis patients. Journal of Neuroimmunology, 2016, 294, 1-5.	2.3	16
39	The P2X7 Receptor 489C>T Gain of Function Polymorphism Favors HHV-6A Infection and Associates With Female Idiopathic Infertility. Frontiers in Pharmacology, 2020, 11, 96.	3.5	16
40	Impact of HLA-G analysis in prevention, diagnosis and treatment of pathological conditions. World Journal of Methodology, 2014, 4, 11.	3.5	15
41	Evaluation of the implication of KIR2DL2 receptor in multiple sclerosis and herpesvirus susceptibility. Journal of Neuroimmunology, 2014, 271, 30-35.	2.3	15
42	Design of Nanosystems for the Delivery of Quorum Sensing Inhibitors: A Preliminary Study. Molecules, 2020, 25, 5655.	3.8	15
43	Relevance of VEGF and CD147 in different SARSâ€CoVâ€2 positive digestive tracts characterized by thrombotic damage. FASEB Journal, 2021, 35, e21969.	0.5	15
44	An accurate and reliable real time <scp>SNP</scp> genotyping assay forÂthe <scp>HLA</scp>â€G +3142 bp C>G polymorphism. Tissue Antigens, 2012, 80, 259-262.	1.0	14
45	Implication ofHLA-CandKIRAlleles in Human Papillomavirus Infection and Associated Cervical Lesions. Viral Immunology, 2014, 27, 468-470.	1.3	14
46	HLA-G 14-bp polymorphism: a possible marker of systemic treatment response in psoriasis vulgaris? Preliminary results of a retrospective study. Dermatologic Therapy, 2014, 27, 284-289.	1.7	14
47	Increased levels of soluble <scp>HLA</scp>â€G molecules in Tunisian patients with chronic hepatitis B infection. Journal of Viral Hepatitis, 2017, 24, 1016-1022.	2.0	13
48	The U94 Gene of Human Herpesvirus 6: A Narrative Review of Its Role and Potential Functions. Cells, 2020, 9, 2608.	4.1	13
49	HHV-6A Infection of Endometrial Epithelial Cells Affects miRNA Expression and Trophoblast Cell Attachment. Reproductive Sciences, 2020, 27, 779-786.	2.5	13
50	Innate Immune Response in SARS-CoV-2 Infection. Microorganisms, 2022, 10, 501.	3.6	13
51	Infection and HLA-G Molecules in Nasal Polyposis. Journal of Immunology Research, 2014, 2014, 1-8.	2.2	12
52	Conjugation of LasR Quorum-Sensing Inhibitors with Ciprofloxacin Decreases the Antibiotic Tolerance ofP. aeruginosaClinical Strains. Journal of Chemistry, 2019, 2019, 1-13.	1.9	12
53	Cerebrospinal fluid amounts of HLA-G in dimeric form are strongly associated to patients with MRI inactive multiple sclerosis. Multiple Sclerosis Journal, 2016, 22, 245-249.	3.0	11
54	COVID-19 Ocular Prophylaxis: The Potential Role of Ozonated-Oils in Liposome Eyedrop Gel. Translational Vision Science and Technology, 2021, 10, 7.	2.2	11

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55	Human Herpes simplex 1 virus infection of endometrial decidual tissue-derived MSC alters HLA-G expression and immunosuppressive functions. Human Immunology, 2018, 79, 800-808.	2.4	9
56	DNA Sensorsâ€™ Signaling in NK Cells During HHV-6A, HHV-6B and HHV-7 Infection. Frontiers in Microbiology, 2020, 11, 226.	3.5	9
57	GlicoPro, Novel Standardized and Sterile Snail Mucus Extract for Multi-Modulative Ocular Formulations: New Perspective in Dry Eye Disease Management. Pharmaceutics, 2021, 13, 2139.	4.5	9
58	Serum IgG against Simian Virus 40 antigens are hampered by high levels of sHLA-G in patients affected by inflammatory neurological diseases, as multiple sclerosis. Journal of Translational Medicine, 2016, 14, 216.	4.4	8
59	HLA-G expression and regulation during Pseudomonas aeruginosa infection in cystic fibrosis patients. Future Microbiology, 2016, 11, 363-373.	2.0	8
60	Prognostic significance of high circulating <scp>sHLAâ€G</scp> in ovarian carcinoma. Hla, 2021, 98, 357-365.	0.6	8
61	Bowel ischemia as onset of COVIDâ€19 in otherwise asymptomatic patients with persistently negative swab. Journal of Internal Medicine, 2022, 291, 224-231.	6.0	8
62	Soluble HLA-G pre-transplant levels to identify the risk for development of infection in heart transplant recipients. Human Immunology, 2020, 81, 147-150.	2.4	7
63	Lateâ€onset intrauterine growth restriction and HHVâ€6 infection: A pilot study. Journal of Medical Virology, 2021, 93, 6317-6322.	5.0	7
64	Design of Liposomes Carrying HelixComplex Snail Mucus: Preliminary Studies. Molecules, 2021, 26, 4709.	3.8	7
65	Detection of inherited chromosomally integrated <scp>HHV</scp>â€6 (ci<scp>HHV</scp>â€6) in a marker chromosome. European Journal of Haematology, 2017, 98, 635-637.	2.2	6
66	Detection of serum soluble HLA-G levels in patients with acute ischemic stroke: A pilot study. Human Immunology, 2020, 81, 156-161.	2.4	6
67	Role of KIR Receptor in NK Regulation during Viral Infections. Immuno, 2021, 1, 305-331.	1.5	5
68	The dimeric form of HLA-G molecule is associated with the response of early rheumatoid arthritis (ERA) patients to methotrexate. Clinical Rheumatology, 2017, 36, 701-705.	2.2	4
69	Multipotent stromal cells skew monocytes towards an anti-inflammatory function: a role for HLA-G molecules. Haematologica, 2013, 98, e114-e114.	3.5	3
70	Non-classical human leukocyte antigen class I in Tunisian children with autism. Central-European Journal of Immunology, 2020, 45, 176-183.	1.2	3
71	Synthesis and biological evaluation of novel rhodanine-based structures with antiviral activity towards HHV-6 virus. Bioorganic Chemistry, 2022, 119, 105518.	4.1	3
72	COVID-19 induced aorto duodenal fistula following evar in the so called â€œnegativeâ€•patient. Vascular, 2023, 31, 189-195.	0.9	3

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73	Analysis of HLA-G expression in renal tissue in lupus nephritis: a pilot study. Lupus, 2019, 28, 1091-1100.	1.6	2
74	Can HLA-G predict disease course in rheumatoid arthritis patients?. International Journal of Clinical Rheumatology, 2013, 8, 627-638.	0.3	1
75	Plasma soluble HLA-G levels in a cohort of heart failure patients exposed to chemicals. Human Immunology, 2020, 81, 151-155.	2.4	1
76	Inhibitory KIR2DL2 receptor and HHV-8 in classic or endemic Kaposi sarcoma. Clinical and Experimental Medicine, 2022, , 1.	3.6	1
77	Herpesvirus Infections in KIR2DL2-Positive Multiple Sclerosis Patients: Mechanisms Triggering Autoimmunity. Microorganisms, 2022, 10, 494.	3.6	1
78	Investigating Serum sHLA-G Cooperation With MRI Activity and Disease-Modifying Treatment Outcome in Relapsing-Remitting Multiple Sclerosis. Frontiers in Neurology, 0, 13, .	2.4	1