

Joel LeMaoult

List of Publications by Year in descending order

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73
papers

5,900
citations

87888

38
h-index

85541

71
g-index

75
all docs

75
docs citations

75
times ranked

5271
citing authors

#	ARTICLE	IF	CITATIONS
1	HLA-G: from biology to clinical benefits. Trends in Immunology, 2008, 29, 125-132.	6.8	336
2	HLA-G. Advances in Immunology, 2015, 127, 33-144.	2.2	334
3	Direct Link Between mhc Polymorphism, T Cell Avidity, and Diversity in Immune Defense. Science, 2002, 298, 1797-1800.	12.6	304
4	HLA-G1-expressing antigen-presenting cells induce immunosuppressive CD4+ T cells. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 7064-7069.	7.1	302
5	Beyond the increasing complexity of the immunomodulatory HLA-G molecule. Blood, 2008, 111, 4862-4870.	1.4	297
6	HLA-G up-regulates ILT2, ILT3, ILT4, and KIR2DL4 in antigen presenting cells, NK cells, and T cells. FASEB Journal, 2005, 19, 1-23.	0.5	266
7	Immune regulation by pretenders: cell-to-cell transfers of HLA-G make effector T cells act as regulatory cells. Blood, 2007, 109, 2040-2048.	1.4	236
8	Age-related CD8 T Cell Clonal Expansions Constrict CD8 T Cell Repertoire and Have the Potential to Impair Immune Defense. Journal of Experimental Medicine, 2004, 200, 1347-1358.	8.5	229
9	Troglucytosis-based generation of suppressive NK cells. EMBO Journal, 2007, 26, 1423-1433.	7.8	210
10	A Systematic Review of Immunotherapy in Urologic Cancer: Evolving Roles for Targeting of CTLA-4, PD-1/PD-L1, and HLA-G. European Urology, 2015, 68, 267-279.	1.9	204
11	Heteroclitic Immunization Induces Tumor Immunity. Journal of Experimental Medicine, 1998, 188, 1553-1561.	8.5	191
12	Effect of age on humoral immunity, selection of the B-cell repertoire and B-cell development. Immunological Reviews, 1997, 160, 115-126.	6.0	173
13	CD8+CD28- T suppressor cells and the induction of antigen-specific, antigen-presenting cell-mediated suppression of Th reactivity. Immunological Reviews, 2001, 182, 201-206.	6.0	173
14	The immunosuppressive molecule HLA-G and its clinical implications. Critical Reviews in Clinical Laboratory Sciences, 2012, 49, 63-84.	6.1	157
15	CD3+CD4 ^{low} and CD3+CD8 ^{low} are induced by HLA-G: novel human peripheral blood suppressor T-cell subsets involved in transplant acceptance. Blood, 2007, 110, 3936-3948.	1.4	129
16	ILT2/HLA-G interaction impairs NK cell functions through the inhibition of the late but not the early events of the NK cell activating synapse. FASEB Journal, 2010, 24, 689-699.	0.5	101
17	The Dual Role of HLA-G in Cancer. Journal of Immunology Research, 2014, 2014, 1-10.	2.2	95
18	Age-Related Dysregulation in CD8 T Cell Homeostasis: Kinetics of a Diversity Loss. Journal of Immunology, 2000, 165, 2367-2373.	0.8	94

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19	Expression of tolerogenic HLA-G molecules in cancer prevents antitumor responses. <i>Seminars in Cancer Biology</i> , 2007, 17, 413-421.	9.6	94
20	The tolerogenic interplay(s) among HLA-G, myeloid APCs, and regulatory cells. <i>Blood</i> , 2011, 118, 6499-6505.	1.4	88
21	Regulatory role of tryptophan degradation pathway in HLA-G expression by human monocyte-derived dendritic cells. <i>Molecular Immunology</i> , 2006, 43, 2151-2160.	2.2	86
22	HLA-G α -dependent suppressor cells: Diverse by nature, function, and significance. <i>Human Immunology</i> , 2008, 69, 700-707.	2.4	86
23	Multimeric structures of HLA-G isoforms function through differential binding to LILRB receptors. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 4041-4049.	5.4	83
24	Recent advances on the non-classical major histocompatibility complex class I HLA-G molecule. <i>Tissue Antigens</i> , 2010, 75, 201-206.	1.0	81
25	HLA-G Expression in Human Embryonic Stem Cells and Preimplantation Embryos. <i>Journal of Immunology</i> , 2011, 186, 2663-2671.	0.8	73
26	HLA-G expression levels influence the tolerogenic activity of human DC-10. <i>Haematologica</i> , 2015, 100, 548-557.	3.5	69
27	HLA-G in Transplantation: A Relevant Molecule for Inhibition of Graft Rejection?. <i>American Journal of Transplantation</i> , 2003, 3, 11-16.	4.7	67
28	Novel landscape of HLA α G isoforms expressed in clear cell renal cell carcinoma patients. <i>Molecular Oncology</i> , 2017, 11, 1561-1578.	4.6	67
29	Inhibition of human V α 39V β 2 T-cell antitumoral activity through HLA-G: implications for immunotherapy of cancer. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3385-3399.	5.4	63
30	Maternal antigen presenting cells are a source of plasmatic HLA-G during pregnancy: Longitudinal study during pregnancy. <i>Human Immunology</i> , 2007, 68, 661-667.	2.4	62
31	CD8+PD-1 α ILT2+ T Cells Are an Intratumoral Cytotoxic Population Selectively Inhibited by the Immune-Checkpoint HLA-G. <i>Cancer Immunology Research</i> , 2019, 7, 1619-1632.	3.4	62
32	The role of HLA-G in immunity and hematopoiesis. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 353-368.	5.4	60
33	Research on HLA-G: an update. <i>Tissue Antigens</i> , 2007, 69, 207-211.	1.0	57
34	In vivo identification of an $\langle \text{scp} \rangle \text{HLA} \langle / \text{scp} \rangle \alpha \langle \text{scp} \rangle \text{G} \langle / \text{scp} \rangle$ complex as ubiquitinated protein circulating in exosomes. <i>European Journal of Immunology</i> , 2013, 43, 1933-1939.	2.9	51
35	Immuno-tolerogenic functions of HLA-G: Relevance in transplantation and oncology. <i>Autoimmunity Reviews</i> , 2005, 4, 503-509.	5.8	50
36	Distinct mRNA microarray profiles of tolerogenic dendritic cells. <i>Human Immunology</i> , 2001, 62, 1065-1072.	2.4	45

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37	Intercellular exchanges of membrane patches (trogocytosis) highlight the next level of immune plasticity. <i>Transplant Immunology</i> , 2006, 17, 20-22.	1.2	44
38	Intratumor heterogeneity of immune checkpoints in primary renal cell cancer: Focus on HLA-G/ILT2/ILT4. <i>Oncolmunology</i> , 2017, 6, e1342023.	4.6	42
39	Exchanges of Membrane Patches (Trogocytosis) Split Theoretical and Actual Functions of Immune Cells. <i>Human Immunology</i> , 2007, 68, 240-243.	2.4	38
40	Different functional outcomes of intercellular membrane transfers to monocytes and T cells. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1133-1145.	5.4	36
41	Synthetic HLA-G proteins for therapeutic use in transplantation. <i>FASEB Journal</i> , 2013, 27, 3643-3651.	0.5	34
42	Increased VH 11 and VH Q52 gene use by splenic B cells in old mice associated with oligoclonal expansions of CD5+ B cells. <i>Mechanisms of Ageing and Development</i> , 1998, 103, 111-121.	4.6	32
43	Nitric oxide produces HLA-G nitration and induces metalloprotease-dependent shedding creating a tolerogenic milieu. <i>Immunology</i> , 2009, 126, 436-445.	4.4	32
44	Linking Two Immuno-Suppressive Molecules: Indoleamine 2,3 Dioxygenase Can Modify HLA-G Cell-Surface Expression. <i>Biology of Reproduction</i> , 2005, 73, 571-578.	2.7	30
45	First immunotherapeutic CAR-T cells against the immune checkpoint protein HLA-G. , 2021, 9, e001998.		30
46	Proper Regrafting of Ig-Like Transcript 2 after Trogocytosis Allows a Functional Cell-Cell Transfer of Sensitivity. <i>Journal of Immunology</i> , 2011, 186, 2210-2218.	0.8	29
47	Human melanoma cell secreting human leukocyte antigen-G5 inhibit natural killer cell cytotoxicity by impairing lytic granules polarization toward target cell. <i>Human Immunology</i> , 2009, 70, 1000-1005.	2.4	26
48	Soluble HLA-G and HLA-G Bearing Extracellular Vesicles Affect ILT-2 Positive and ILT-2 Negative CD8 T Cells Complementary. <i>Frontiers in Immunology</i> , 2020, 11, 2046.	4.8	25
49	Trogocytic intercellular membrane exchanges among hematological tumors. <i>Journal of Hematology and Oncology</i> , 2015, 8, 24.	17.0	22
50	Comprehensive landscape of immune-checkpoints uncovered in clear cell renal cell carcinoma reveals new and emerging therapeutic targets. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 1237-1252.	4.2	22
51	Membrane redistributions through multi-intercellular exchanges and serial trogocytosis. <i>Cell Research</i> , 2010, 20, 1239-1251.	12.0	20
52	Identification of Circulating Nonclassic Human Leukocyte Antigen G (HLA-G)-Like Molecules in Exudates. <i>Clinical Chemistry</i> , 2011, 57, 1013-1022.	3.2	20
53	<i>Pseudomonas aeruginosa</i> Quorum Sensing Molecule N-(3-Oxododecanoyl)-L-Homoserine-Lactone Induces HLA-G Expression in Human Immune Cells. <i>Infection and Immunity</i> , 2015, 83, 3918-3925.	2.2	20
54	Tolerogenic Function of Dimeric Forms of HLA-G Recombinant Proteins: A Comparative Study In Vivo. <i>PLoS ONE</i> , 2011, 6, e21011.	2.5	19

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55	Expression and differential regulation of HLA-G isoforms in the retinal pigment epithelial cell line, ARPE-19. <i>Human Immunology</i> , 2017, 78, 414-420.	2.4	17
56	HLA-G inhibition of NK cell cytolytic function is uncoupled from tumor cell lipid raft reorganization. <i>European Journal of Immunology</i> , 2012, 42, 700-709.	2.9	16
57	Prediction of non-muscle-invasive bladder cancer recurrence by measurement of checkpoint HLA-G TM s receptor ILT2 on peripheral CD8+ T cells. <i>Oncotarget</i> , 2018, 9, 33160-33169.	1.8	16
58	Skin Immunity and Tolerance: Focus on Epidermal Keratinocytes Expressing HLA-G. <i>Frontiers in Immunology</i> , 2021, 12, 772516.	4.8	16
59	Role of the HLA-G immune checkpoint molecule in pregnancy. <i>Human Immunology</i> , 2021, 82, 353-361.	2.4	15
60	HLA-G5 expression by trophoblast cells: the facts. <i>Molecular Human Reproduction</i> , 2005, 11, 719-722.	2.8	13
61	The HLA-G Genetic Contribution to Bipolar Disorder: A Trans-Ethnic Replication. <i>Immunological Investigations</i> , 2018, 47, 593-604.	2.0	13
62	Human Hepatocytes and Differentiated Adult-Derived Human Liver Stem/Progenitor Cells Display In Vitro Immunosuppressive Properties Mediated, at Least in Part, through the Nonclassical HLA Class I Molecule HLA-G. <i>Journal of Immunology Research</i> , 2019, 2019, 1-13.	2.2	11
63	Inhibition of iNKT Cells by the HLA-G-ILT2 Checkpoint and Poor Stimulation by HLA-G-Expressing Tolerogenic DC. <i>Frontiers in Immunology</i> , 2020, 11, 608614.	4.8	11
64	Tumor infiltrating and peripheral CD4+ILT2+ T cells are a cytotoxic subset selectively inhibited by HLA-G in clear cell renal cell carcinoma patients. <i>Cancer Letters</i> , 2021, 519, 105-116.	7.2	11
65	Functional Evidence That Conserved TCR CDR3 Loop Docking Governs the Cross-Recognition of Closely Related Peptide:Class I Complexes. <i>Journal of Immunology</i> , 2001, 167, 836-843.	0.8	10
66	Human Keratinocytes Inhibit CD4+ T-Cell Proliferation through TGFβ1 Secretion and Surface Expression of HLA-G1 and PD-L1 Immune Checkpoints. <i>Cells</i> , 2021, 10, 1438.	4.1	9
67	HLA-G: a look back, a look forward. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 337-340.	5.4	8
68	Chronic lung allograft dysfunction is associated with an early increase of circulating cytotoxic CD4+CD57+ILT2+ T cells, selectively inhibited by the immune check-point HLA-G. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 626-640.	0.6	8
69	Recombinant HLA-G as Tolerogenic Immunomodulant in Experimental Small Bowel Transplantation. <i>PLoS ONE</i> , 2016, 11, e0158907.	2.5	4
70	Multiplex bead-based immunoassay for the free soluble forms of the HLA-G receptors, ILT2 and ILT4. <i>Human Immunology</i> , 2016, 77, 720-726.	2.4	2
71	Immunosuppressive Properties of Epidermal Keratinocytes Differ According to Their Immaturity Status. <i>Frontiers in Immunology</i> , 2022, 13, 786859.	4.8	2
72	Extended HLA-G haplotypes in patients with age-related macular degeneration. <i>Hla</i> , 2018, 92, 83-89.	0.6	1

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73	Trogocytosis and NK Cells in Mouse and Man. , 2010, , 109-123.		0