

Nelson Fernandez

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,503
citations

394286

19
h-index

434063

31
g-index

31
all docs

31
docs citations

31
times ranked

1828
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendritic Cells: Key to Fetal Tolerance?1. <i>Biology of Reproduction</i> , 2007, 77, 590-598.	1.2	170
2	Anomalous Diffusion of Major Histocompatibility Complex Class I Molecules on HeLa Cells Determined by Single Particle Tracking. <i>Biophysical Journal</i> , 1999, 76, 3331-3344.	0.2	163
3	The Th2 Cytokine Environment of the Placenta. <i>International Archives of Allergy and Immunology</i> , 2000, 123, 107-119.	0.9	125
4	Antigen Presenting Cells and Materno Fetal Tolerance: An Emerging Role for Dendritic Cells. <i>American Journal of Reproductive Immunology</i> , 2007, 58, 255-267.	1.2	107
5	Release from a human monocyte-like cell line of two different soluble forms of the lipopolysaccharide receptor, CD14. <i>European Journal of Immunology</i> , 1993, 23, 2144-2151.	1.6	100
6	Human Parechovirus 1 Utilizes Integrins $\alpha 3 \beta 1$ and $\alpha 1 \beta 1$ as Receptors. <i>Journal of Virology</i> , 2000, 74, 5856-5862.	1.5	88
7	Fluorescence recovery after photobleaching reveals that LPS rapidly transfers from CD14 to hsp70 and hsp90 on the cell membrane. <i>Journal of Cell Science</i> , 2001, 114, 2535-2545.	1.2	87
8	In vivo dendritic cell depletion reduces breeding efficiency, affecting implantation and early placental development in mice. <i>Journal of Molecular Medicine</i> , 2008, 86, 999-1011.	1.7	74
9	Detection of Dimers of Dimers of Human Leukocyte Antigen (HLA) DR on the Surface of Living Cells by Single-Particle Fluorescence Imaging. <i>Journal of Cell Biology</i> , 1998, 140, 71-79.	2.3	64
10	Analysis of HLA-G in Maternal Plasma, Follicular Fluid, and Preimplantation Embryos Reveal an Asymmetric Pattern of Expression. <i>Journal of Immunology</i> , 2008, 180, 4330-4337.	0.4	52
11	Interaction between dendritic cells and natural killer cells during pregnancy in mice. <i>Journal of Molecular Medicine</i> , 2008, 86, 837-852.	1.7	46
12	Involvement of $\beta 2$ -microglobulin and integrin $\alpha 3 \beta 1$ molecules in the coxsackievirus A9 infectious cycle. <i>Journal of General Virology</i> , 1999, 80, 2591-2600.	1.3	46
13	Lipopolysaccharide (LPS) labeled with Alexa 488 hydrazide as a novel probe for LPS binding studies. <i>Cytometry</i> , 2000, 41, 316-320.	1.8	39
14	Rough and smooth forms of fluorescein-labelled bacterial endotoxin exhibit CD14/LBP dependent and independent binding that is influenced by endotoxin concentration. <i>FEBS Journal</i> , 2000, 267, 2218-2226.	0.2	37
15	Interaction between HLA-G and monocyte/macrophages in human pregnancy. <i>Journal of Reproductive Immunology</i> , 2010, 85, 40-46.	0.8	36
16	Analysis of mRNA for class I HLA on human gametogenic cells. <i>Molecular Reproduction and Development</i> , 1994, 38, 231-237.	1.0	31
17	Measurement of the Lateral Diffusion of Human MHC Class I Molecules on HeLa Cells by Fluorescence Recovery after Photobleaching Using a Phycoerythrin Probe. <i>Biophysical Journal</i> , 2002, 82, 1828-1834.	0.2	28
18	Interaction of HLA DR and CD74 at the cell surface of antigen presenting cells by single particle image analysis. <i>FASEB Journal</i> , 2012, 26, 4886-4896.	0.2	26

#	ARTICLE	IF	CITATIONS
19	Detecting and Quantifying Colocalization of Cell Surface Molecules by Single Particle Fluorescence Imaging. <i>Biophysical Journal</i> , 2003, 85, 4110-4121.	0.2	25
20	Human major histocompatibility molecules have the intrinsic ability to form homotypic associations. <i>Human Immunology</i> , 2000, 61, 585-598.	1.2	24
21	An Impaired Breeding Phenotype in Mice with a Genetic Deletion of Beta-2 Microglobulin and Diminished MHC Class I Expression: Role in Reproductive Fitness ¹ . <i>Biology of Reproduction</i> , 2007, 77, 274-279.	1.2	21
22	Preimplantation Factor (PIF) Promotes HLA-G, -E, -F, -C Expression in JEG-3 Choriocarcinoma Cells and Endogenous Progesterone Activity. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 2277-2296.	1.1	20
23	Cell bio-imaging reveals co-expression of HLA-G and HLA-E in human preimplantation embryos. <i>Reproductive BioMedicine Online</i> , 2010, 20, 223-233.	1.1	19
24	High Expression of Survivin and Down-Regulation of Stat-3 Characterize the Feto-Maternal Interface in Failing Murine Pregnancies During the Implantation Period. <i>Placenta</i> , 2007, 28, 650-657.	0.7	17
25	A novel method for quantified, superresolved, three-dimensional colocalisation of isotropic, fluorescent particles. <i>Histochemistry and Cell Biology</i> , 2013, 139, 391-402.	0.8	14
26	Main Histocompatibility Complex and Reproductive System. <i>American Journal of Reproductive Immunology</i> , 1992, 28, 19-30.	1.2	13
27	Quantified Colocalization Reveals Heterotypic Histocompatibility Class I Antigen Associations on Trophoblast Cell Membranes: Relevance for Human Pregnancy ¹ . <i>Biology of Reproduction</i> , 2013, 89, 94.	1.2	13
28	Unique Biochemical Properties of Human Leukocyte Antigenâ€ Allow for a Highly Specific Function in Immune Recognition. <i>American Journal of Reproductive Immunology</i> , 1998, 40, 177-182.	1.2	7
29	Correlated mutations in the HLA class II molecule. <i>International Journal of Quantum Chemistry</i> , 1999, 73, 85-96.	1.0	4
30	Key Cellular Components and Interactive Histocompatibility Molecules Regulating Tolerance to the Fetal Allograft. <i>American Journal of Reproductive Immunology</i> , 2012, 68, 95-99.	1.2	4
31	Molecular profiles of the cell membrane bound and cytoplasmic forms of the human MHC Class-II associated invariant polypeptides. <i>Electrophoresis</i> , 1991, 12, 523-526.	1.3	3