

Irene Athanassakis

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

1,574
citations

361413

20
h-index

345221

36
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92
all docs

92
docs citations

92
times ranked

1654
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of a Deep-Learning Technique to Non-Linear Images From Human Tissue Biopsies for Shedding New Light on Breast Cancer Diagnosis. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1188-1195.	6.3	7
2	SARS-CoV-2 immunogenicity: Is S protein the best target for vaccination?. Vaccine, 2022, 40, 3093-3095.	3.8	2
3	Immunotherapy-on-Chip Against an Experimental Sepsis Model. Inflammation, 2021, 44, 2333-2345.	3.8	4
4	Third Harmonic Generation microscopy distinguishes malignant cell grade in human breast tissue biopsies. Scientific Reports, 2020, 10, 11055.	3.3	21
5	Polarization-dependent second-harmonic generation for collagen-based differentiation of breast cancer samples. Journal of Biophotonics, 2020, 13, e202000180.	2.3	32
6	Rescue of autoimmune hepatitis by soluble MHC class II molecules in an altered concanavalin A-induced experimental model. Animal Models and Experimental Medicine, 2020, 3, 264-272.	3.3	0
7	Implantable vaccines: a solution for immune system manipulation to any antigenic stimulus. Journal of Immunological Sciences, 2020, 4, 5-11.	1.1	3
8	Laser micro-structured Si scaffold-implantable vaccines against Salmonella Typhimurium. Vaccine, 2019, 37, 2249-2257.	3.8	5
9	Categorization of Mouse Ultrasonic Vocalizations Using Machine Learning Techniques. Acoustics, 2019, 1, 837-846.	1.4	1
10	Detection of the T cell activation state using nonlinear optical microscopy. Journal of Biophotonics, 2019, 12, e201800277.	2.3	18
11	Nonlinear imaging of female breast tissue biopsies. , 2019, , .		1
12	Immune molecules in the female reproductive path and sperm: relevance to mate choice. Reproduction, 2019, 158, 161-169.	2.6	2
13	Soluble MHC class II-driven therapy for a systemic lupus erythematosus murine experimental in vitro and in vivo model. Scandinavian Journal of Immunology, 2018, 87, e12644.	2.7	4
14	Protection Against Lipopolysaccharide-Induced Immunosuppression by IgG and IgM. Shock, 2018, 49, 474-482.	2.1	13
15	Soluble major histocompatibility complex molecules in immune regulation: highlighting class II antigens. Immunology, 2018, 153, 315-324.	4.4	14
16	Differential integrin expression in pre-implantation embryos developing under in vivo and in vitro conditions. Reproductive Biology, 2018, 18, 212-217.	1.9	1
17	Iron Oxide Colloidal Nanoclusters as Theranostic Vehicles and Their Interactions at the Cellular Level. Nanomaterials, 2018, 8, 315.	4.1	20
18	Distinction between breast cancer cell subtypes using third harmonic generation microscopy. Journal of Biophotonics, 2017, 10, 1152-1162.	2.3	20

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19	L-Carnitine affects preimplantation embryo development toward infertility in mice. <i>Reproduction</i> , 2016, 152, 283-291.	2.6	7
20	Expression of MIF and CD74 in leukemic cell lines: correlation to DR expression destiny. <i>Biological Chemistry</i> , 2016, 397, 519-528.	2.5	4
21	T cell regulation by <i>Phlomis lanata</i> protein extracts in mice. <i>Pharmaceutical Biology</i> , 2016, 54, 207-214.	2.9	5
22	Microconical silicon structures influence NGF-induced PC12 cell morphology. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 424-434.	2.7	35
23	Third Harmonic Generation microscopy as a reliable diagnostic tool for evaluating lipid body modification during cell activation: The example of BV-2 microglia cells. <i>Journal of Structural Biology</i> , 2015, 189, 105-113.	2.8	21
24	Implantable vaccine development using in vitro antigen-pulsed macrophages absorbed on laser micro-structured Si scaffolds. <i>Vaccine</i> , 2015, 33, 3142-3149.	3.8	8
25	Laser fabricated discontinuous anisotropic microconical substrates as a new model scaffold to control the directionality of neuronal network outgrowth. <i>Biomaterials</i> , 2015, 67, 115-128.	11.4	80
26	Soluble MHC proteins promote suppressive activity in CD4 ⁺ T cells. <i>Immunology</i> , 2015, 144, 158-169.	4.4	15
27	DO α^{β} expression in favor of HLA-DR engagement in exosomes. <i>Immunobiology</i> , 2013, 218, 1019-1025.	1.9	2
28	3-Dimensional Laser Structured Scaffolds Improve Macrophage Adherence and Antigen-specific Response. <i>Procedia Engineering</i> , 2013, 59, 211-218.	1.2	1
29	Gender equality: Is it real?. <i>European Journal of Immunology</i> , 2012, 42, 3095-3096.	2.9	2
30	Characterization of antigen-binding and MHC class II-bearing T cells with suppressive activity in response to tolerogenic stimulus. <i>Immunobiology</i> , 2012, 217, 100-110.	1.9	9
31	Role of prostaglandin E2 in the experimental L-carnitine-induced endometriosis-like inflammatory model. <i>Journal of Endometriosis</i> , 2012, 4, 57-67.	1.0	0
32	A conditionally essential nutrient, L-carnitine, as a primary suspect in endometriosis. <i>Fertility and Sterility</i> , 2011, 95, 2759-2760.	1.0	12
33	Following the course of pre-implantation embryo patterning by non-linear microscopy. <i>Journal of Structural Biology</i> , 2011, 176, 379-386.	2.8	15
34	Serum-derived MHC class II molecules: Potent regulators of the cellular and humoral immune response. <i>Immunobiology</i> , 2010, 215, 194-205.	1.9	12
35	Do maternity hospital practices support Greek mothers' decision to breastfeed?. <i>Clinical and Experimental Obstetrics and Gynecology</i> , 2010, 37, 43-8.	0.2	5
36	Characterization of CD25 ⁺ Positive T Cells During Syngeneic Pregnancy: Production of Stimulatory Class II MHC Molecules. <i>Scandinavian Journal of Immunology</i> , 2009, 70, 584-595.	2.7	4

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37	Characterization of intracellular HLA-DR, DM and DO profile in K562 and HL-60 leukemic cells. <i>Molecular Immunology</i> , 2008, 45, 3965-3973.	2.2	12
38	Suggested Markers for the Diagnosis of Endometriosis. <i>Current Women's Health Reviews</i> , 2008, 4, 25-28.	0.2	5
39	Recent Knowledge and New Pharmaceutical Products in Potential Alleviation of Endometriosis. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2008, 2, 128-138.	3.6	0
40	Constitutive or induced elevated levels of l-carnitine correlate with the cytokine and cellular profile of endometriosis. <i>Journal of Reproductive Immunology</i> , 2005, 65, 159-170.	1.9	25
41	Endometriosis and Infertility: A Multi-cytokine Imbalance Versus Ovulation, Fertilization and Early Embryo Development. <i>Clinical and Developmental Immunology</i> , 2005, 12, 125-129.	3.3	28
42	Constitutive intracellular expression of human leukocyte antigen (HLA)-DO and HLA-DR but not HLA-DM in trophoblast cells. <i>Human Immunology</i> , 2005, 66, 43-55.	2.4	36
43	Early events of the exogenously provided L-Carnitine in murine macrophages, T- and B-lymphocytes: modulation of prostaglandin E1 and E2 production in response to arachidonic acid. <i>Journal of Nutritional Biochemistry</i> , 2003, 14, 350-357.	4.2	13
44	Serum concentrations of growth factors in women with and without endometriosis: the action of anti-endometriosis medicines. <i>International Immunopharmacology</i> , 2003, 3, 81-89.	3.8	88
45	Expression of serum human leukocyte antigen and growth factor levels in a Greek family with familial endometriosis. <i>Journal of the Society for Gynecologic Investigation</i> , 2003, 10, 118-121.	1.7	19
46	l-Carnitine accelerates the in vitro regeneration of neural network from adult murine brain cells. <i>Brain Research</i> , 2002, 932, 70-78.	2.2	6
47	Inducible H-2M and constitutive H-2O/H-2A expression on trophoblast cells. <i>American Journal of Reproductive Immunology</i> , 2002, 48, 141-142.	1.2	0
48	T-regulatory cells: are we re-discovering T suppressors?. <i>Immunology Letters</i> , 2002, 84, 179-183.	2.5	19
49	Interplay between T helper type 1 and type 2 cytokines and soluble major histocompatibility complex molecules: a paradigm in pregnancy. <i>Immunology</i> , 2002, 107, 281-287.	4.4	18
50	Plasticity: advantages over cloning and gene therapy. <i>Haematologia</i> , 2002, 32, 337-9.	0.3	1
51	The role of L-carnitine on a restricted number of myeloid leukemia progenitor cells: generation of atypical cell types. <i>Haematologia</i> , 2002, 32, 341-53.	0.3	2
52	l-carnitine modifies the humoral immune response in mice after in vitro or in vivo treatment. <i>International Immunopharmacology</i> , 2001, 1, 1813-1822.	3.8	56
53	Serum-soluble human leucocyte antigen class I and class II concentrations as an alternative diagnostic test for determining immune indices required for normal pregnancies. <i>Reproduction, Fertility and Development</i> , 2001, 13, 427.	0.4	4
54	The anti-inflammatory action of danazol and leuprorelin acetate depot on endometriosis is CRH independent. <i>Inflammopharmacology</i> , 2001, 9, 249-255.	3.9	0

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55	Murine ectoplacental cone-derived trophoblast cells express chemokine receptors. <i>Journal of Reproductive Immunology</i> , 2001, 50, 105-119.	1.9	7
56	Soluble ICAM-1 levels in the serum of endometriotic patients appear to be independent of medical treatment. <i>Journal of Reproductive Immunology</i> , 2001, 51, 9-19.	1.9	33
57	Embryonic Immune Development and Risks of Hiv Infection. <i>Nutrition and Health</i> , 2001, 15, 197-205.	1.5	0
58	The possible anti-inflammatory role of circulating human leukocyte antigen levels in women with endometriosis after treatment with danazol and leuporelin acetate depot. <i>Mediators of Inflammation</i> , 2001, 10, 75-80.	3.0	25
59	Localization of Pepstatin's Inhibitory Action during Fc-Mediated Antibody Internalization: Possible Implications for Antibody-Mediated Viral Transmission. <i>Cellular Immunology</i> , 2000, 199, 81-88.	3.0	5
60	Nitric Oxide Production by Pre-Implantation Embryos in Response to Embryotoxic Factors. <i>Cellular Physiology and Biochemistry</i> , 2000, 10, 169-176.	1.6	17
61	IFN- β Facilitates Release of Class II-Loaded Intracellular Pools in Trophoblast Cells: A Novel Property Independent of Protein Synthesis. <i>Journal of Interferon and Cytokine Research</i> , 2000, 20, 823-830.	1.2	13
62	Interferon- β induces differentiation of ectoplacental cone cells to phenotypically distinct trophoblasts. <i>Developmental and Comparative Immunology</i> , 2000, 24, 663-672.	2.3	13
63	Th1- and Th2-type lymphokine-assisted induction and release of chemokine receptors from primary human trophoblast cells. <i>Human Immunology</i> , 2000, 61, 651-657.	2.4	13
64	Uterine Cytokine Production During the Menstrual Cycle and Preimplantation Stages in Mice. <i>Autoimmunity</i> , 1999, 7, 33-42.	0.6	11
65	The Destructive Action of IL-1 α and IL-1 β in IDDM is a Multistage Process: Evidence and Confirmation by Apoptotic Studies, Induction of Intermediates and Electron Microscopy. <i>Mediators of Inflammation</i> , 1999, 8, 85-91.	3.0	16
66	Expression of corticotrophin-releasing hormone in the mouse uterus: participation in embryo implantation. <i>Journal of Endocrinology</i> , 1999, 163, 221-227.	2.6	26
67	Cytokine/hormonal production, responsiveness to growth factors and MHC inducibility of the murine trophoblast cell line TROPHO-1. <i>Placenta</i> , 1999, 20, 55-67.	1.5	0
68	Analysis of the Endocytic Pathway Upon Intracellular Transport of IgG Molecules Through Fc Receptors. <i>Journal of Receptor and Signal Transduction Research</i> , 1999, 19, 143-154.	2.5	2
69	Detection of soluble HLA-G levels in maternal serum can be predictive for a successful pregnancy. <i>Transplantation Proceedings</i> , 1999, 31, 1834-1837.	0.6	30
70	Inhibition of Nitric Oxide Production Rescues LPS-Induced Fetal Abortion in Mice. <i>Nitric Oxide - Biology and Chemistry</i> , 1999, 3, 216-224.	2.7	48
71	Serum levels of pro- and anti-inflammatory cytokines in non-pregnant women, during pregnancy, labour and abortion. <i>Mediators of Inflammation</i> , 1998, 7, 69-72.	3.0	110
72	Preventive Immunotherapy for High-Risk Aborters. <i>Russian Journal of Immunology: RJl: Official Journal of Russian Society of Immunology</i> , 1998, 3, 45-52.	0.4	1

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73	Production of Embryotoxic IgG Antibodies During IFN- γ Treatment of Pregnant Mice. American Journal of Reproductive Immunology, 1996, 36, 111-117.	1.2	19
74	Adsorptive or by Pit Formation Endocytosis of Immunoglobulins without Loss of Function as Potential Biotherapeutic Application. Cancer Biotherapy and Radiopharmaceuticals, 1996, 11, 259-266.	1.0	3
75	Placental Tissue From Human Miscarriages Expresses Class II HLA-DR Antigens. American Journal of Reproductive Immunology, 1995, 34, 281-287.	1.2	36
76	Specific nuclear binding of anti-cdc2 on p34cdc2 positive autonomously grown human leukemia cells induces differentiation. Leukemia Research, 1995, 19, 535-541.	0.8	3
77	Cytokine Production in the Serum and Spleen of Mice from Day 6 to 14 of Gestation: Cytokines/Placenta/ Spleen/Serum. Autoimmunity, 1995, 4, 247-255.	0.6	55
78	Analysis of the IFN- γ -induced signal transduction pathway in fetal rejection. Mediators of Inflammation, 1995, 4, 209-216.	3.0	6
79	Effect of IFN-gamma administration in virgin and pregnant mice: distribution of lymphoid and myeloid cells in the spleen. European Cytokine Network, 1995, 6, 167-76.	2.0	4
80	Interferon- γ -induced class II expression at the spongiotrophoblastic zone of the murine placenta is linked to fetal rejection and developmental abnormalities. Acta Physiologica Scandinavica, 1994, 151, 485-495.	2.2	36
81	Two novel colony-stimulating factor 1 (CSF-1) properties: It post-transcriptionally inhibits interferon-specific induction of class II antigens and reduces the risk of fetal abortion. Cytokine, 1994, 6, 295-299.	3.2	8
82	Placenta-specific growth factor production by splenic cells during pregnancy. Placenta, 1994, 15, 467-476.	1.5	8
83	Investigation of intracellular signals generated by γ -interferon and IL-4 leading to the induction of class II antigen expression. Mediators of Inflammation, 1993, 2, 343-348.	3.0	3
84	TYPE II INTERFERON MAY BE A POTENTIAL HAZARDOUS THERAPEUTIC AGENT DURING PREGNANCY. British Journal of Haematology, 1992, 82, 782-783.	2.5	14
85	The effects of anti-CD4 and anti-CD8 antibody treatment on placental growth and function in allogeneic and syngeneic murine pregnancy. Cellular Immunology, 1990, 129, 13-21.	3.0	34
86	Maternal T cells regulate placental size and fetal survival. Regional Immunology, 1988, 1, 143-8.	0.4	19
87	The immunostimulatory effect of T cells and T cell lymphokines on murine fetally derived placental cells. Journal of Immunology, 1987, 138, 37-44.	0.8	209