

Irene Athanassakis

List of Publications by Year in descending order

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87
papers

1,574
citations

361413

20
h-index

345221

36
g-index

92
all docs

92
docs citations

92
times ranked

1654
citing authors

#	ARTICLE	IF	CITATIONS
1	The immunostimulatory effect of T cells and T cell lymphokines on murine fetally derived placental cells. <i>Journal of Immunology</i> , 1987, 138, 37-44.	0.8	209
2	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
3	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
4	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
5	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
6	Cytokine Production in the Serum and Spleen of Mice from Day 6 to 14 of Gestation: Cytokines/Placenta/ Spleen/Serum. <i>Autoimmunity</i> , 1995, 4, 247-255.	0.6	55
7	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
8	Interferon- γ -induced class II expression at the spongiotrophoblastic zone of the murine placenta is linked to fetal rejection and developmental abnormalities. <i>Acta Physiologica Scandinavica</i> , 1994, 151, 485-495.	2.2	36
9	Placental Tissue From Human Miscarriages Expresses Class II HLA-DR Antigens. <i>American Journal of Reproductive Immunology</i> , 1995, 34, 281-287.	1.2	36
10	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
11	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
12	The effects of anti-CD4 and anti-CD8 antibody treatment on placental growth and function in allogeneic and syngeneic murine pregnancy. <i>Cellular Immunology</i> , 1990, 129, 13-21.	3.0	34
13	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
14	Polarization-dependent second-harmonic generation for collagen-based differentiation of breast cancer samples. <i>Journal of Biophotonics</i> , 2020, 13, e202000180.	2.3	32
15	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
16	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
17	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
18	The possible anti-inflammatory role of circulating human leukocyte antigen levels in women with endometriosis after treatment with danazol and leuprorelin acetate depot. <i>Mediators of Inflammation</i> , 2001, 10, 75-80.	3.0	25

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19	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
20	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
21	Third Harmonic Generation microscopy distinguishes malignant cell grade in human breast tissue biopsies. <i>Scientific Reports</i> , 2020, 10, 11055.	3.3	21
22	Distinction between breast cancer cell subtypes using third harmonic generation microscopy. <i>Journal of Biophotonics</i> , 2017, 10, 1152-1162.	2.3	20
23	Iron Oxide Colloidal Nanoclusters as Theranostic Vehicles and Their Interactions at the Cellular Level. <i>Nanomaterials</i> , 2018, 8, 315.	4.1	20
24	Production of Embryotoxic IgG Antibodies During IFN γ Treatment of Pregnant Mice. <i>American Journal of Reproductive Immunology</i> , 1996, 36, 111-117.	1.2	19
25	T-regulatory cells: are we re-discovering T suppressors?. <i>Immunology Letters</i> , 2002, 84, 179-183.	2.5	19
26	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
27	Maternal T cells regulate placental size and fetal survival. <i>Regional Immunology</i> , 1988, 1, 143-8.	0.4	19
28	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
29	Detection of the T cell activation state using nonlinear optical microscopy. <i>Journal of Biophotonics</i> , 2019, 12, e201800277.	2.3	18
30	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
31	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
32	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
33	Soluble MHC proteins promote suppressive activity in CD ⁴ T cells. <i>Immunology</i> , 2015, 144, 158-169.	4.4	15
34	TYPE II INTERFERON MAY BE A POTENTIAL HAZARDOUS THERAPEUTIC AGENT DURING PREGNANCY. <i>British Journal of Haematology</i> , 1992, 82, 782-783.	2.5	14
35	Soluble major histocompatibility complex molecules in immune regulation: highlighting class II antigens. <i>Immunology</i> , 2018, 153, 315-324.	4.4	14
36	IFN γ 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

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37	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
38	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
39	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
40	Protection Against Lipopolysaccharide-Induced Immunosuppression by IgG and IgM. <i>Shock</i> , 2018, 49, 474-482.	2.1	13
41	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
42	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
43	A "conditionally essential" nutrient, L-carnitine, as a primary suspect in endometriosis. <i>Fertility and Sterility</i> , 2011, 95, 2759-2760.	1.0	12
44	Uterine Cytokine Production During the Menstrual Cycle and Preimplantation Stages in Mice. <i>Autoimmunity</i> , 1999, 7, 33-42.	0.6	11
45	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
46	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. <i>Cytokine</i> , 1994, 6, 295-299.	3.2	8
47	Placenta-specific growth factor production by splenic cells during pregnancy. <i>Placenta</i> , 1994, 15, 467-476.	1.5	8
48	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
49	Murine ectoplacental cone-derived trophoblast cells express chemokine receptors. <i>Journal of Reproductive Immunology</i> , 2001, 50, 105-119.	1.9	7
50	L-Carnitine affects preimplantation embryo development toward infertility in mice. <i>Reproduction</i> , 2016, 152, 283-291.	2.6	7
51	Application of a Deep-Learning Technique to Non-Linear Images From Human Tissue Biopsies for Shedding New Light on Breast Cancer Diagnosis. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 1188-1195.	6.3	7
52	Analysis of the IFN- β -induced signal transduction pathway in fetal rejection. <i>Mediators of Inflammation</i> , 1995, 4, 209-216.	3.0	6
53	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
54	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

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55	Suggested Markers for the Diagnosis of Endometriosis. <i>Current Women's Health Reviews</i> , 2008, 4, 25-28.	0.2	5
56	T cell regulation by <i>Phlomis lanata</i> protein extracts in mice. <i>Pharmaceutical Biology</i> , 2016, 54, 207-214.	2.9	5
57	Laser micro-structured Si scaffold-implantable vaccines against <i>Salmonella Typhimurium</i> . <i>Vaccine</i> , 2019, 37, 2249-2257.	3.8	5
58	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
59	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
60	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
61	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
62	Soluble MHC class II-driven therapy for a systemic lupus erythematosus murine experimental <i>in vitro</i> and <i>in vivo</i> model. <i>Scandinavian Journal of Immunology</i> , 2018, 87, e12644.	2.7	4
63	Immunotherapy-on-Chip Against an Experimental Sepsis Model. <i>Inflammation</i> , 2021, 44, 2333-2345.	3.8	4
64	Effect of IFN-gamma administration in virgin and pregnant mice: distribution of lymphoid and myeloid cells in the spleen. <i>European Cytokine Network</i> , 1995, 6, 167-76.	2.0	4
65	Investigation of intracellular signals generated by γ -interferon and IL-4 leading to the induction of class II antigen expression. <i>Mediators of Inflammation</i> , 1993, 2, 343-348.	3.0	3
66	Specific nuclear binding of anti-cdc2 on p34cdc2 positive autonomously grown human leukemia cells induces differentiation. <i>Leukemia Research</i> , 1995, 19, 535-541.	0.8	3
67	Adsorptive or by Pit Formation Endocytosis of Immunoglobulins without Loss of Function as Potential Biotherapeutic Application. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 1996, 11, 259-266.	1.0	3
68	Implantable vaccines: a solution for immune system manipulation to any antigenic stimulus. <i>Journal of Immunological Sciences</i> , 2020, 4, 5-11.	1.1	3
69	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
70	Gender equality: Is it real?. <i>European Journal of Immunology</i> , 2012, 42, 3095-3096.	2.9	2
71	DO \pm expression in favor of HLA-DR engagement in exosomes. <i>Immunobiology</i> , 2013, 218, 1019-1025.	1.9	2
72	Immune molecules in the female reproductive path and sperm: relevance to mate choice. <i>Reproduction</i> , 2019, 158, 161-169.	2.6	2

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73	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
74	SARS-CoV-2 immunogenicity: Is S protein the best target for vaccination?. <i>Vaccine</i> , 2022, 40, 3093-3095.	3.8	2
75	3-Dimensional Laser Structured Scaffolds Improve Macrophage Adherence and Antigen-specific Response. <i>Procedia Engineering</i> , 2013, 59, 211-218.	1.2	1
76	Differential integrin expression in pre-implantation embryos developing under in vivo and in vitro conditions. <i>Reproductive Biology</i> , 2018, 18, 212-217.	1.9	1
77	Categorization of Mouse Ultrasonic Vocalizations Using Machine Learning Techniques. <i>Acoustics</i> , 2019, 1, 837-846.	1.4	1
78	Nonlinear imaging of female breast tissue biopsies. , 2019, , .		1
79	Preventive Immunotherapy for High-Risk Aborters. <i>Russian Journal of Immunology: RJ: Official Journal of Russian Society of Immunology</i> , 1998, 3, 45-52.	0.4	1
80	Plasticity: advantages over cloning and gene therapy. <i>Haematologia</i> , 2002, 32, 337-9.	0.3	1
81	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
82	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
83	Embryonic Immune Development and Risks of Hiv Infection. <i>Nutrition and Health</i> , 2001, 15, 197-205.	1.5	0
84	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
85	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
86	Rescue of autoimmune hepatitis by soluble MHC class II molecules in an altered concanavalin A-induced experimental model. <i>Animal Models and Experimental Medicine</i> , 2020, 3, 264-272.	3.3	0
87	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