

Laura D Alaniz

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,581
citations

279798

23
h-index

315739

38
g-index

62
all docs

62
docs citations

62
times ranked

2192
citing authors

#	ARTICLE	IF	CITATIONS
1	Antitumor effects of hyaluronic acid inhibitor 4-methylumbelliferone in an orthotopic hepatocellular carcinoma model in mice. <i>Glycobiology</i> , 2012, 22, 400-410.	2.5	91
2	Proteoglycans and glycosaminoglycans as regulators of cancer stem cell function and therapeutic resistance. <i>FEBS Journal</i> , 2019, 286, 2870-2882.	4.7	88
3	Inhibition of NF- κ B activity by BAY 11-7082 increases apoptosis in multidrug resistant leukemic T-cell lines. <i>Leukemia Research</i> , 2005, 29, 1425-1434.	0.8	83
4	PI3K/Akt inhibition modulates multidrug resistance and activates NF- κ B in murine lymphoma cell lines. <i>Leukemia Research</i> , 2009, 33, 288-296.	0.8	74
5	Hyaluronan oligosaccharides sensitize lymphoma resistant cell lines to vincristine by modulating P-glycoprotein activity and PI3K/Akt pathway. <i>International Journal of Cancer</i> , 2008, 122, 1012-1018.	5.1	72
6	Hepatocellular Carcinoma Cells and Their Fibrotic Microenvironment Modulate Bone Marrow-Derived Mesenchymal Stromal Cell Migration <i>in Vitro</i> and <i>in Vivo</i> . <i>Molecular Pharmaceutics</i> , 2011, 8, 1538-1548.	4.6	72
7	Mesenchymal Stromal Cells Engineered to Produce IGF-I by Recombinant Adenovirus Ameliorate Liver Fibrosis in Mice. <i>Stem Cells and Development</i> , 2015, 24, 791-801.	2.1	63
8	Low molecular weight hyaluronan inhibits colorectal carcinoma growth by decreasing tumor cell proliferation and stimulating immune response. <i>Cancer Letters</i> , 2009, 278, 9-16.	7.2	57
9	Adenovirus-mediated inhibition of SPARC attenuates liver fibrosis in rats. <i>Journal of Gene Medicine</i> , 2008, 10, 993-1004.	2.8	53
10	4-Methylumbelliferone inhibits hepatocellular carcinoma growth by decreasing IL-6 production and angiogenesis. <i>Glycobiology</i> , 2015, 25, 825-835.	2.5	48
11	The immunological effect of hyaluronan in tumor angiogenesis. <i>Clinical and Translational Immunology</i> , 2015, 4, e52.	3.8	46
12	Lack of the Matricellular Protein SPARC (Secreted Protein, Acidic and Rich in Cysteine) Attenuates Liver Fibrogenesis in Mice. <i>PLoS ONE</i> , 2013, 8, e54962.	2.5	43
13	Sirtuin 1 reduces hyaluronan synthase 2 expression by inhibiting nuclear translocation of NF- κ B and expression of the long-noncoding RNA HAS2-AS1. <i>Journal of Biological Chemistry</i> , 2020, 295, 3485-3496.	3.4	43
14	Increased Migration of Human Mesenchymal Stromal Cells by Autocrine Motility Factor (AMF) Resulted in Enhanced Recruitment towards Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2014, 9, e95171.	2.5	42
15	Overexpression of SPARC obliterates the <i>in vivo</i> tumorigenicity of human hepatocellular carcinoma cells. <i>International Journal of Cancer</i> , 2010, 126, 2726-2740.	5.1	38
16	Interaction of CD44 with Different Forms of Hyaluronic Acid. Its Role in Adhesion and Migration of Tumor Cells. <i>Cell Communication and Adhesion</i> , 2002, 9, 117-130.	1.0	37
17	A Novel Synergistic Combination of Cyclophosphamide and Gene Transfer of Interleukin-12 Eradicates Colorectal Carcinoma in Mice. <i>Clinical Cancer Research</i> , 2009, 15, 7256-7265.	7.0	37
18	SPARC downregulation attenuates the profibrogenic response of hepatic stellate cells induced by TGF- β 1 and PDGF. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, G739-G748.	3.4	36

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19	Modulation of matrix metalloproteinase-9 activity by hyaluronan is dependent on NF- κ B activity in lymphoma cell lines with dissimilar invasive behavior. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 736-743.	2.1	34
20	Hyaluronan oligosaccharides induce cell death through PI3-K/Akt pathway independently of NF- κ B transcription factor. <i>Glycobiology</i> , 2006, 16, 359-367.	2.5	32
21	Reversal of gastrointestinal carcinoma-induced immunosuppression and induction of antitumoural immunity by a combination of cyclophosphamide and gene transfer of IL-12. <i>Molecular Oncology</i> , 2011, 5, 242-255.	4.6	32
22	Hyaluronan in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1245, 67-83.	1.6	32
23	Hyaluronan preconditioning of monocytes/macrophages affects their angiogenic behavior and regulation of TSG expression in a tumor type-specific manner. <i>FEBS Journal</i> , 2019, 286, 3433-3449.	4.7	30
24	Immunotherapy for liver tumors: present status and future prospects. <i>Journal of Biomedical Science</i> , 2009, 16, 30.	7.0	23
25	SPARC (secreted protein acidic and rich in cysteine) knockdown protects mice from acute liver injury by reducing vascular endothelial cell damage. <i>Gene Therapy</i> , 2015, 22, 9-19.	4.5	23
26	Targeting the Tumor Extracellular Matrix by the Natural Molecule 4-Methylumbelliferone: A Complementary and Alternative Cancer Therapeutic Strategy. <i>Frontiers in Oncology</i> , 2021, 11, 710061.	2.8	23
27	Single low-dose cyclophosphamide combined with interleukin-12 gene therapy is superior to a metronomic schedule in inducing immunity against colorectal carcinoma in mice. <i>Oncolimmunology</i> , 2012, 1, 1038-1047.	4.6	22
28	Murine Abortion is Associated with Enhanced Hyaluronan Expression and Abnormal Localization at the Fetomaternal Interface. <i>Placenta</i> , 2009, 30, 88-95.	1.5	21
29	Low molecular weight hyaluronan preconditioning of tumor-pulsed dendritic cells increases their migratory ability and induces immunity against murine colorectal carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2011, 60, 1383-1395.	4.2	21
30	Initial Identification of UDP-Glucose Dehydrogenase as a Prognostic Marker in Breast Cancer Patients, Which Facilitates Epirubicin Resistance and Regulates Hyaluronan Synthesis in MDA-MB-231 Cells. <i>Biomolecules</i> , 2021, 11, 246.	4.0	21
31	Inhibition of Hyaluronic Acid Synthesis Suppresses Angiogenesis in Developing Endometriotic Lesions. <i>PLoS ONE</i> , 2016, 11, e0152302.	2.5	21
32	Altered Hyaluronan Biosynthesis and Cancer Progression: an Immunological Perspective. <i>Mini-Reviews in Medicinal Chemistry</i> , 2009, 9, 1538-1546.	2.4	20
33	Pulsing Dendritic Cells with Whole Tumor Cell Lysates. <i>Methods in Molecular Biology</i> , 2014, 1139, 27-31.	0.9	20
34	Low Molecular Weight Hyaluronan-Pulsed Human Dendritic Cells Showed Increased Migration Capacity and Induced Resistance to Tumor Chemoattraction. <i>PLoS ONE</i> , 2014, 9, e107944.	2.5	20
35	Dendritic cells regulate angiogenesis associated with liver fibrogenesis. <i>Angiogenesis</i> , 2014, 17, 119-128.	7.2	19
36	Tumor Microenvironment Remodeling by 4-Methylumbelliferone Boosts the Antitumor Effect of Combined Immunotherapy in Murine Colorectal Carcinoma. <i>Molecular Therapy</i> , 2015, 23, 1444-1455.	8.2	18

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37	Co-treatment of tumor cells with hyaluronan plus doxorubicin affects endothelial cell behavior independently of VEGF expression. <i>Oncotarget</i> , 2018, 9, 36585-36602.	1.8	16
38	Human Umbilical Cord Perivascular Cells Exhibited Enhanced Migration Capacity towards Hepatocellular Carcinoma in Comparison with Bone Marrow Mesenchymal Stromal Cells: A Role for Autocrine Motility Factor Receptor. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	14
39	CD44 and hyaluronic acid regulate in vivo iNOS expression and metalloproteinase activity in murine air-pouch inflammation. <i>Inflammation Research</i> , 2004, 53, 556-566.	4.0	12
40	Hyaluronan induces migration of multidrug-resistant lymphoma cell lines in vitro through Tiam1 activation by a PI3K-dependent mechanism. <i>Leukemia Research</i> , 2010, 34, 1525-1532.	0.8	12
41	Syndecan-1 Depletion Has a Differential Impact on Hyaluronic Acid Metabolism and Tumor Cell Behavior in Luminal and Triple-Negative Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5874.	4.1	10
42	Anti-tumor effect of SLPI on mammary but not colon tumor growth. <i>Journal of Cellular Physiology</i> , 2013, 228, 469-475.	4.1	9
43	Contribution of neural crest and GLAST ⁺ Wnt1 ⁺ bone marrow pericytes with liver fibrogenesis and/or regeneration. <i>Liver International</i> , 2020, 40, 977-987.	3.9	7
44	Antiproliferative and antiangiogenic effects of ammonium tetrathiomolybdate in a model of endometriosis. <i>Life Sciences</i> , 2021, 287, 120099.	4.3	7
45	Up-regulation of pro-angiogenic molecules and events does not relate with an angiogenic switch in metastatic osteosarcoma cells but to cell survival features. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2021, 26, 447-459.	4.9	5
46	The effects of sulfated hyaluronan in breast, lung and colorectal carcinoma and monocytes/macrophages cells: Its role in angiogenesis and tumor progression. <i>IUBMB Life</i> , 2022, 74, 927-942.	3.4	5
47	Chemoimmunotherapy for advanced gastrointestinal carcinomas: A successful combination of gene therapy and cyclophosphamide. <i>Oncimmunology</i> , 2012, 1, 1626-1628.	4.6	4
48	Improving the Therapeutic Ability of Mesenchymal Stem/Stromal Cells for the Treatment of Conditions Influenced by Immune Cells. <i>Stem Cells International</i> , 2019, 2019, 1-2.	2.5	3
49	Acceleration of TAA-Induced Liver Fibrosis by Stress Exposure Is Associated with Upregulation of Nerve Growth Factor and Glycopattern Deviations. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5055.	4.1	3
50	Glycosaminoglycans Metabolism. <i>Biochemistry Research International</i> , 2012, 2012, 1-2.	3.3	2
51	Hyaluronan Metabolism is Associated with DNA Repair Genes in Breast and Colorectal Cancer. Screening of Potential Progression Markers Using qPCR. <i>Biomedicines</i> , 2020, 8, 183.	3.2	2
52	The Hyaluronic Acid-CD44 Interaction in the Physio- and Pathological Stem Cell Niche. <i>Biology of Extracellular Matrix</i> , 2021, , 237-262.	0.3	2
53	Ex Vivo Loading of Autologous Dendritic Cells with Tumor Antigens. <i>Methods in Molecular Biology</i> , 2014, 1139, 41-44.	0.9	2
54	Hyaluronan in the Extracellular Matrix of Hematological and Solid Tumors. Its Biological Effects. <i>Biology of Extracellular Matrix</i> , 2022, , 161-196.	0.3	2

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55	Determination of Cell-Surface Hyaluronan Through Flow Cytometry. <i>Methods in Molecular Biology</i> , 2019, 1952, 111-116.	0.9	1
56	P631 MESENCHYMAL STROMAL CELLS ENGINEERED TO PRODUCE IGF-I AMELIORATE LIVER FIBROSIS IN MICE. <i>Journal of Hepatology</i> , 2014, 60, S279.	3.7	0
57	O143 SPARC (SECRETED PROTEIN ACIDIC AND RICH IN CYSTEINE) DEFICIENCY PROTECTS FROM CONCANAVALIN A-INDUCED HEPATITIS IN MICE. <i>Journal of Hepatology</i> , 2014, 60, S60.	3.7	0
58	Combination of 4-Methylumbelliferone and Adenoviral Gene Transfer of Interleukin-12 Reduced the Expression of Cancer Stem Cells Markers, and Showed a Potent Antitumor Effect in an Experimental Hepatocellular Carcinoma Model with Fibrosis. <i>Journal of Hepatology</i> , 2016, 64, S570.	3.7	0
59	Abstract B178: 4-methylumbelliferone modulates tumor microenvironment improving the antitumor efficacy of combined gene-based immunotherapy in murine colon adenocarcinoma. , 2016, , .		0