

Lilly Y W Bourguignon

List of Publications by Year in descending order

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38
papers

5,400
citations

172207

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329751

37
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docs citations

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times ranked

7392
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyaluronan-CD44 interaction promotes HPV 16 E6 oncogene-mediated oropharyngeal cell carcinoma survival and chemoresistance. <i>Matrix Biology</i> , 2019, 78-79, 180-200.	1.5	13
2	Matrix Hyaluronan-CD44 Interaction Activates MicroRNA and LncRNA Signaling Associated With Chemoresistance, Invasion, and Tumor Progression. <i>Frontiers in Oncology</i> , 2019, 9, 492.	1.3	45
3	Hyaluronan-Mediated CD44 Signaling Activates Cancer Stem Cells in Head and Neck Cancer. <i>Current Cancer Research</i> , 2018, , 525-544.	0.2	1
4	Activation of Matrix Hyaluronan-Mediated CD44 Signaling, Epigenetic Regulation and Chemoresistance in Head and Neck Cancer Stem Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1849.	1.8	64
5	Matrix Hyaluronan Promotes Specific MicroRNA Upregulation Leading to Drug Resistance and Tumor Progression. <i>International Journal of Molecular Sciences</i> , 2016, 17, 517.	1.8	26
6	Up-regulation of Histone Methyltransferase, DOT1L, by Matrix Hyaluronan Promotes MicroRNA-10 Expression Leading to Tumor Cell Invasion and Chemoresistance in Cancer Stem Cells from Head and Neck Squamous Cell Carcinoma. <i>Journal of Biological Chemistry</i> , 2016, 291, 10571-10585.	1.6	64
7	Selective Activation of Cancer Stem Cells by Size-Specific Hyaluronan in Head and Neck Cancer. <i>International Journal of Cell Biology</i> , 2015, 2015, 1-10.	1.0	25
8	Identification of novel drugs to target dormant micrometastases. <i>BMC Cancer</i> , 2015, 15, 404.	1.1	11
9	Selective Hyaluronan-CD44 Signaling Promotes miRNA-21 Expression and Interacts with Vitamin D Function during Cutaneous Squamous Cell Carcinomas Progression Following UV Irradiation. <i>Frontiers in Immunology</i> , 2015, 6, 224.	2.2	26
10	Hyaluronan-CD44 Interaction Promotes Oncogenic Signaling, microRNA Functions, Chemoresistance, and Radiation Resistance in Cancer Stem Cells Leading to Tumor Progression. <i>Advances in Cancer Research</i> , 2014, 123, 255-275.	1.9	110
11	The inhibition of miR-21 promotes apoptosis and chemosensitivity in ovarian cancer. <i>Gynecologic Oncology</i> , 2014, 132, 739-744.	0.6	122
12	Hyaluronan-CD44 interaction promotes c-Jun signaling and miRNA21 expression leading to Bcl-2 expression and chemoresistance in breast cancer cells. <i>Molecular Cancer</i> , 2014, 13, 52.	7.9	89
13	Matrix Hyaluronan-Activated CD44 Signaling Promotes Keratinocyte Activities and Improves Abnormal Epidermal Functions. <i>American Journal of Pathology</i> , 2014, 184, 1912-1919.	1.9	99
14	Role of hyaluronan synthase 2 to promote CD44-dependent oral cavity squamous cell carcinoma progression. <i>Head and Neck</i> , 2013, 35, 511-520.	0.9	19
15	Selective matrix (hyaluronan) interaction with CD44 and RhoGTPase signaling promotes keratinocyte functions and overcomes age-related epidermal dysfunction. <i>Journal of Dermatological Science</i> , 2013, 72, 32-44.	1.0	58
16	Hyaluronan-CD44 interaction promotes microRNA signaling and RhoGTPase activation leading to tumor progression. <i>Small GTPases</i> , 2012, 3, 53-59.	0.7	28
17	Hyaluronan-CD44v3 Interaction with Oct4-Sox2-Nanog Promotes miR-302 Expression Leading to Self-renewal, Clonal Formation, and Cisplatin Resistance in Cancer Stem Cells from Head and Neck Squamous Cell Carcinoma. <i>Journal of Biological Chemistry</i> , 2012, 287, 32800-32824.	1.6	248
18	Role of Hyaluronan-Mediated CD44 Signaling in Head and Neck Squamous Cell Carcinoma Progression and Chemoresistance. <i>American Journal of Pathology</i> , 2011, 178, 956-963.	1.9	118

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19	Interaction of low molecular weight hyaluronan with CD44 and toll-like receptors promotes the actin filament-associated protein 110-actin binding and MyD88-NF κ B signaling leading to proinflammatory cytokine/chemokine production and breast tumor invasion. <i>Cytoskeleton</i> , 2011, 68, 671-693.	1.0	99
20	Hyaluronan-CD44 Interaction Promotes c-Src-mediated Twist Signaling, MicroRNA-10b Expression, and RhoA/RhoC Up-regulation, Leading to Rho-kinase-associated Cytoskeleton Activation and Breast Tumor Cell Invasion. <i>Journal of Biological Chemistry</i> , 2010, 285, 36721-36735.	1.6	184
21	Hyaluronan-mediated CD44 Interaction with p300 and SIRT1 Regulates β -Catenin Signaling and NF κ B-specific Transcription Activity Leading to MDR1 and Bcl-xL Gene Expression and Chemoresistance in Breast Tumor Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 2657-2671.	1.6	160
22	Hyaluronan-CD44 Interaction with Protein Kinase C μ Promotes Oncogenic Signaling by the Stem Cell Marker Nanog and the Production of MicroRNA-21, Leading to Down-regulation of the Tumor Suppressor Protein PDCD4, Anti-apoptosis, and Chemotherapy Resistance in Breast Tumor Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 26533-26546.	1.6	280
23	CD44 variant isoforms in head and neck squamous cell carcinoma progression. <i>Laryngoscope</i> , 2009, 119, 1518-1530.	1.1	165
24	Hyaluronan-mediated CD44 activation of RhoGTPase signaling and cytoskeleton function promotes tumor progression. <i>Seminars in Cancer Biology</i> , 2008, 18, 251-259.	4.3	261
25	Hyaluronan-CD44 Interaction Activates Stem Cell Marker Nanog, Stat-3-mediated MDR1 Gene Expression, and Ankyrin-regulated Multidrug Efflux in Breast and Ovarian Tumor Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 17635-17651.	1.6	378
26	Hyaluronan-CD44 Interaction with Neural Wiskott-Aldrich Syndrome Protein (N-WASP) Promotes Actin Polymerization and ErbB2 Activation Leading to β -Catenin Nuclear Translocation, Transcriptional Up-regulation, and Cell Migration in Ovarian Tumor Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 1265-1280.	1.6	81
27	Heregulin-mediated ErbB2-ERK Signaling Activates Hyaluronan Synthases Leading to CD44-dependent Ovarian Tumor Cell Growth and Migration. <i>Journal of Biological Chemistry</i> , 2007, 282, 19426-19441.	1.6	130
28	Association of CD44 V3-containing isoforms with tumor cell growth, migration, matrix metalloproteinase expression, and lymph node metastasis in head and neck cancer. <i>Head and Neck</i> , 2007, 29, 550-558.	0.9	79
29	Hyaluronan-CD44 interaction stimulates Rac1 signaling and PKN β kinase activation leading to cytoskeleton function and cell migration in astrocytes. <i>Journal of Neurochemistry</i> , 2007, 101, 1002-1017.	2.1	89
30	Hyaluronan-CD44 Interaction with Leukemia-associated RhoGEF and Epidermal Growth Factor Receptor Promotes Rho/Ras Co-activation, Phospholipase C μ -Ca $^{2+}$ Signaling, and Cytoskeleton Modification in Head and Neck Squamous Cell Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 14026-14040.	1.6	193
31	Hyaluronan-CD44 Interaction with IQGAP1 Promotes Cdc42 and ERK Signaling, Leading to Actin Binding, Elk-1/Estrogen Receptor Transcriptional Activation, and Ovarian Cancer Progression. <i>Journal of Biological Chemistry</i> , 2005, 280, 11961-11972.	1.6	144
32	CD44 Interaction with Na $^{+}$ -H $^{+}$ Exchanger (NHE1) Creates Acidic Microenvironments Leading to Hyaluronidase-2 and Cathepsin B Activation and Breast Tumor Cell Invasion. <i>Journal of Biological Chemistry</i> , 2004, 279, 26991-27007.	1.6	356
33	Hyaluronan-CD44 Interaction with Rac1-dependent Protein Kinase N β Promotes Phospholipase C β 1 Activation, Ca $^{2+}$ Signaling, and Cortactin-Cytoskeleton Function Leading to Keratinocyte Adhesion and Differentiation. <i>Journal of Biological Chemistry</i> , 2004, 279, 29654-29669.	1.6	71
34	Hyaluronan-mediated CD44 Interaction with RhoGEF and Rho Kinase Promotes Grb2-associated Binder-1 Phosphorylation and Phosphatidylinositol 3-Kinase Signaling Leading to Cytokine (Macrophage-Colony) Tj ETQq0 0,0 rgBT /Overlock 10 278, 29420-29434.	1.6	212
35	Hyaluronan Promotes Signaling Interaction between CD44 and the Transforming Growth Factor β 2 Receptor I in Metastatic Breast Tumor Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 39703-39712.	1.6	204
36	CD44-mediated oncogenic signaling and cytoskeleton activation during mammary tumor progression. , 2001, 6, 287-297.		140

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37	Nuclear localization of EGF receptor and its potential new role as a transcription factor. <i>Nature Cell Biology</i> , 2001, 3, 802-808.	4.6	950
38	Interaction of CD44 variant isoforms with hyaluronic acid and the cytoskeleton in human prostate cancer cells. <i>Journal of Cellular Physiology</i> , 1995, 164, 605-612.	2.0	58