Lilly Y W Bourguignon

List of Publications by Year
in descending order

38	5,400	172207 29	329751 37
papers	citations	h-index	g-index

38	38	38	7392
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nuclear localization of EGF receptor and its potential new role as a transcription factor. Nature Cell Biology, 2001, 3, 802-808.	4.6	950
2	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. Journal of Biological Chemistry, 2008, 283, 17635-17651.	1.6	378
3	CD44 Interaction with Na+-H+ Exchanger (NHE1) Creates Acidic Microenvironments Leading to Hyaluronidase-2 and Cathepsin B Activation and Breast Tumor Cell Invasion. Journal of Biological Chemistry, 2004, 279, 26991-27007.	1.6	356
4	Hyaluronan-CD44 Interaction with Protein Kinase CÏµ 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. Journal of Biological Chemistry, 2009, 284, 26533-26546.	1.6	280
5	Hyaluronan-mediated CD44 activation of RhoGTPase signaling and cytoskeleton function promotes tumor progression. Seminars in Cancer Biology, 2008, 18, 251-259.	4.3	261
6	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. Journal of Biological Chemistry, 2012, 287, 32800-32824.	1.6	248
7	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 ETQq1 1 0.784314 rgBT /Ov 278, 29420-29434.	1.6	212
8	Hyaluronan Promotes Signaling Interaction between CD44 and the Transforming Growth Factor Î² Receptor I in Metastatic Breast Tumor Cells. Journal of Biological Chemistry, 2002, 277, 39703-39712.	1.6	204
9	Hyaluronan-CD44 Interaction with Leukemia-associated RhoGEF and Epidermal Growth Factor Receptor Promotes Rho/Ras Co-activation, Phospholipase CÏµ-Ca2+ Signaling, and Cytoskeleton Modification in Head and Neck Squamous Cell Carcinoma Cells. Journal of Biological Chemistry, 2006, 281, 14026-14040.	1.6	193
10	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. Journal of Biological Chemistry, 2010, 285, 36721-36735.	1.6	184
11	CD44 variant isoforms in head and neck squamous cell carcinoma progression. Laryngoscope, 2009, 119, 1518-1530.	1.1	165
12	Hyaluronan-mediated CD44 Interaction with p300 and SIRT1 Regulates Î²-Catenin Signaling and NFÎºB-specific Transcription Activity Leading to MDR1 and Bcl-xL Gene Expression and Chemoresistance in Breast Tumor Cells. Journal of Biological Chemistry, 2009, 284, 2657-2671.	1.6	160
13	Hyaluronan-CD44 Interaction with IQGAP1 Promotes Cdc42 and ERK Signaling, Leading to Actin Binding, Elk-1/Estrogen Receptor Transcriptional Activation, and Ovarian Cancer Progression. Journal of Biological Chemistry, 2005, 280, 11961-11972.	1.6	144
14	CD44-mediated oncogenic signaling and cytoskeleton activation during mammary tumor progression. , 2001, 6, 287-297.		140
15	Heregulin-mediated ErbB2-ERK Signaling Activates Hyaluronan Synthases Leading to CD44-dependent Ovarian Tumor Cell Growth and Migration. Journal of Biological Chemistry, 2007, 282, 19426-19441.	1.6	130
16	The inhibition of miR-21 promotes apoptosis and chemosensitivity in ovarian cancer. Gynecologic Oncology, 2014, 132, 739-744.	0.6	122
17	Role of Hyaluronan-Mediated CD44 Signaling in Head and Neck Squamous Cell Carcinoma Progression and Chemoresistance. American Journal of Pathology, 2011, 178, 956-963.	1.9	118
18	Hyaluronanâ€“CD44 Interaction Promotes Oncogenic Signaling, microRNA Functions, Chemoresistance, and Radiation Resistance in Cancer Stem Cells Leading to Tumor Progression. Advances in Cancer Research, 2014, 123, 255-275.	1.9	110

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19	Interaction of low molecular weight hyaluronan with CD44 and tollâ€like receptors promotes the actin filamentâ€associated protein 110â€actin binding and MyD88â€NFÎºB signaling leading to proinflammatory cytokine/chemokine production and breast tumor invasion. Cytoskeleton, 2011, 68, 671-693.	1.0	99
20	Matrix Hyaluronan-Activated CD44 Signaling Promotes Keratinocyte Activities and Improves Abnormal Epidermal Functions. American Journal of Pathology, 2014, 184, 1912-1919.	1.9	99
21	Hyaluronanâ€CD44 interaction stimulates Rac1 signaling and PKNÎ³ kinase activation leading to cytoskeleton function and cell migration in astrocytes. Journal of Neurochemistry, 2007, 101, 1002-1017.	2.1	89
22	Hyaluronan-CD44 interaction promotes c-Jun signaling and miRNA21 expression leading to Bcl-2 expression and chemoresistance in breast cancer cells. Molecular Cancer, 2014, 13, 52.	7.9	89
23	Hyaluronan-CD44 Interaction with Neural Wiskott-Aldrich Syndrome Protein (N-WASP) Promotes Actin Polymerization and ErbB2 Activation Leading to Î²-Catenin Nuclear Translocation, Transcriptional Up-regulation, and Cell Migration in Ovarian Tumor Cells. Journal of Biological Chemistry, 2007, 282, 1265-1280.	1.6	81
24	Association of CD44 V3-containing isoforms with tumor cell growth, migration, matrix metalloproteinase expression, and lymph node metastasis in head and neck cancer. Head and Neck, 2007, 29, 550-558.	0.9	79
25	Hyaluronan-CD44 Interaction with Rac1-dependent Protein Kinase N-Î³ Promotes Phospholipase CÎ³1 Activation, Ca2+ Signaling, and Cortactin-Cytoskeleton Function Leading to Keratinocyte Adhesion and Differentiation. Journal of Biological Chemistry, 2004, 279, 29654-29669.	1.6	71
26	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. Journal of Biological Chemistry, 2016, 291, 10571-10585.	1.6	64
27	Activation of Matrix Hyaluronan-Mediated CD44 Signaling, Epigenetic Regulation and Chemoresistance in Head and Neck Cancer Stem Cells. International Journal of Molecular Sciences, 2017, 18, 1849.	1.8	64
28	Interaction of CD44 variant isoforms with hyaluronic acid and the cytoskeleton in human prostate cancer cells. Journal of Cellular Physiology, 1995, 164, 605-612.	2.0	58
29	Selective matrix (hyaluronan) interaction with CD44 and RhoGTPase signaling promotes keratinocyte functions and overcomes age-related epidermal dysfunction. Journal of Dermatological Science, 2013, 72, 32-44.	1.0	58
30	Matrix Hyaluronan-CD44 Interaction Activates MicroRNA and LncRNA Signaling Associated With Chemoresistance, Invasion, and Tumor Progression. Frontiers in Oncology, 2019, 9, 492.	1.3	45
31	Hyaluronan-CD44 interaction promotes microRNA signaling and RhoGTPase activation leading to tumor progression. Small GTPases, 2012, 3, 53-59.	0.7	28
32	Selective HyaluronanÃ¢â‚¬â€œCD44 Signaling Promotes miRNA-21 Expression and Interacts with Vitamin D Function during Cutaneous Squamous Cell Carcinomas Progression Following UV Irradiation. Frontiers in Immunology, 2015, 6, 224.	2.2	26
33	Matrix Hyaluronan Promotes Specific MicroRNA Upregulation Leading to Drug Resistance and Tumor Progression. International Journal of Molecular Sciences, 2016, 17, 517.	1.8	26
34	Selective Activation of Cancer Stem Cells by Size-Specific Hyaluronan in Head and Neck Cancer. International Journal of Cell Biology, 2015, 2015, 1-10.	1.0	25
35	Role of hyaluronan synthase 2 to promote CD44â€dependent oral cavity squamous cell carcinoma progression. Head and Neck, 2013, 35, 511-520.	0.9	19
36	Hyaluronan-CD44 interaction promotes HPV 16 E6 oncogene-mediated oropharyngeal cell carcinoma survival and chemoresistance. Matrix Biology, 2019, 78-79, 180-200.	1.5	13

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37	Identification of novel drugs to target dormant micrometastases. BMC Cancer, 2015, 15, 404.	1.1	11
38	Hyaluronan-Mediated CD44 Signaling Activates Cancer Stem Cells in Head and Neck Cancer. Current Cancer Research, 2018, , 525-544.	0.2	1