

Josiah Ochieng

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,927
citations

201674

27
h-index

233421

45
g-index

50
all docs

50
docs citations

50
times ranked

4394
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular functions of galectin-3. <i>Glycoconjugate Journal</i> , 2002, 19, 527-535.	2.7	298
2	Galectin-3 Is a Novel Substrate for Human Matrix Metalloproteinases-2 and -9. <i>Biochemistry</i> , 1994, 33, 14109-14114.	2.5	251
3	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. <i>Carcinogenesis</i> , 2015, 36, S254-S296.	2.8	239
4	Regulation of Cellular Adhesion to Extracellular Matrix Proteins by Galectin-3. <i>Biochemical and Biophysical Research Communications</i> , 1998, 246, 788-791.	2.1	201
5	Detachment of Breast Tumor Cells Induces Rapid Secretion of Exosomes Which Subsequently Mediate Cellular Adhesion and Spreading. <i>PLoS ONE</i> , 2011, 6, e24234.	2.5	180
6	Cystatin Superfamily. <i>Journal of Health Care for the Poor and Underserved</i> , 2010, 21, 51-70.	0.8	139
7	Galectin-3 Mediates the Endocytosis of β -1 Integrins by Breast Carcinoma Cells. <i>Biochemical and Biophysical Research Communications</i> , 2001, 289, 845-850.	2.1	135
8	Modulation of the biological functions of galectin-3 by matrix metalloproteinases. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1998, 1379, 97-106.	2.4	134
9	Identification and characterization of EGF receptor in individual exosomes by fluorescence-activated vesicle sorting. <i>Journal of Extracellular Vesicles</i> , 2016, 5, 29254.	12.2	107
10	Structure-function relationship of a recombinant human galactoside-binding protein. <i>Biochemistry</i> , 1993, 32, 4455-4460.	2.5	90
11	Human Galectin-3 Promotes <i>Trypanosoma cruzi</i> Adhesion to Human Coronary Artery Smooth Muscle Cells. <i>Infection and Immunity</i> , 2004, 72, 6717-6721.	2.2	85
12	Novel mechanism that <i>Trypanosoma cruzi</i> uses to adhere to the extracellular matrix mediated by human galectin-3. <i>FEBS Letters</i> , 2000, 470, 305-308.	2.8	83
13	Galectin-3 regulates the adhesive interaction between breast carcinoma cells and elastin. <i>Journal of Cellular Biochemistry</i> , 1999, 75, 505-514.	2.6	82
14	Anchorage-independent growth of breast carcinoma cells is mediated by serum exosomes. <i>Experimental Cell Research</i> , 2009, 315, 1875-1888.	2.6	74
15	Annexin A6 contributes to the invasiveness of breast carcinoma cells by influencing the organization and localization of functional focal adhesions. <i>Experimental Cell Research</i> , 2011, 317, 823-837.	2.6	65
16	Fetuin-A (β 2HS-Glycoprotein) Is a Major Serum Adhesive Protein That Mediates Growth Signaling in Breast Tumor Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 41827-41835.	3.4	55
17	Members of the cystatin superfamily interact with MMP-9 and protect it from autolytic degradation without affecting its gelatinolytic activities. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2003, 1652, 91-102.	2.3	48
18	Mechano-transduction mediated secretion and uptake of galectin-3 in breast carcinoma cells: Implications in the extracellular functions of the lectin. <i>Experimental Cell Research</i> , 2007, 313, 652-664.	2.6	47

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19	Annexins expressed on the cell surface serve as receptors for adhesion to immobilized fetuin-A. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2004, 1693, 111-123.	4.1	45
20	The serum glycoprotein fetuin-A promotes Lewis lung carcinoma tumorigenesis via adhesive-dependent and adhesive-independent mechanisms. <i>Cancer Research</i> , 2005, 65, 499-506.	0.9	45
21	Galectin-3 interacts with membrane lipids and penetrates the lipid bilayer. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 1031-1036.	2.1	40
22	The impact of low-dose carcinogens and environmental disruptors on tissue invasion and metastasis. <i>Carcinogenesis</i> , 2015, 36, S128-S159.	2.8	40
23	Lack of Fetuin-A ($\hat{\pm}$ 2-HS-Glycoprotein) Reduces Mammary Tumor Incidence and Prolongs Tumor Latency via the Transforming Growth Factor- \hat{I}^2 Signaling Pathway in a Mouse Model of Breast Cancer. <i>American Journal of Pathology</i> , 2010, 177, 2635-2644.	3.8	39
24	Impact of Fetuin-A (AHSG) on Tumor Progression and Type 2 Diabetes. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2211.	4.1	39
25	Reduced annexin A6 expression promotes the degradation of activated epidermal growth factor receptor and sensitizes invasive breast cancer cells to EGFR-targeted tyrosine kinase inhibitors. <i>Molecular Cancer</i> , 2013, 12, 167.	19.2	37
26	Fetuininâ€A triggers the secretion of a novel set of exosomes in detached tumor cells that mediate their adhesion and spreading. <i>FEBS Letters</i> , 2012, 586, 3458-3463.	2.8	35
27	Fetuin-A associates with histones intracellularly and shuttles them to exosomes to promote focal adhesion assembly resulting in rapid adhesion and spreading in breast carcinoma cells. <i>Experimental Cell Research</i> , 2014, 328, 388-400.	2.6	31
28	Dichotomy in the laminin-binding properties of soluble and membrane-bound human galactoside-binding protein. <i>Biochemical and Biophysical Research Communications</i> , 1992, 186, 1674-1680.	2.1	26
29	Fetuin-A ($\hat{\pm}$ 2HS-glycoprotein) is a serum chemo-attractant that also promotes invasion of tumor cells through Matrigel. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 660-665.	2.1	26
30	Buffering of intracellular calcium in response to increased extracellular levels in mortal, immortal, and transformed human breast epithelial cells. <i>Journal of Cellular Biochemistry</i> , 1991, 46, 250-254.	2.6	24
31	Extracellular histones are the ligands for the uptake of exosomes and hydroxyapatiteinâ€nanoparticles by tumor cells via syndecaninâ€4. <i>FEBS Letters</i> , 2018, 592, 3274-3285.	2.8	22
32	Alpha-2 Heremans Schmid Glycoprotein (AHSG) Modulates Signaling Pathways in Head and Neck Squamous Cell Carcinoma Cell Line SQ20B. <i>Experimental Cell Research</i> , 2014, 321, 123-132.	2.6	21
33	Lapatinib-induced annexin A6 upregulation as an adaptive response of triple-negative breast cancer cells to EGFR tyrosine kinase inhibitors. <i>Carcinogenesis</i> , 2019, 40, 998-1009.	2.8	20
34	Diverse Roles of Annexin A6 in Triple-Negative Breast Cancer Diagnosis, Prognosis and EGFR-Targeted Therapies. <i>Cells</i> , 2020, 9, 1855.	4.1	20
35	MicroRNA-21 deficiency suppresses prostate cancer progression through downregulation of the IRS1-SREBP-1 signaling pathway. <i>Cancer Letters</i> , 2022, 525, 46-54.	7.2	19
36	Association of calcium sensing receptor polymorphisms at rs1801725 with circulating calcium in breast cancer patients. <i>BMC Cancer</i> , 2017, 17, 511.	2.6	18

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37	Fetuinâ€ (alpha 2<sc>HS</sc> glycoprotein) modulates growth, motility, invasion, and senescence in highâ€grade astrocytomas. <i>Cancer Medicine</i> , 2016, 5, 3532-3543.	2.8	17
38	In Vitro and In Vivo evaluation of novel anticancer agents in triple negative Breast Cancer Models. <i>Journal of Health Care for the Poor and Underserved</i> , 2013, 24, 104-111.	0.8	11
39	Reciprocal expression of Annexin A6 and RasGRF2 discriminates rapidly growing from invasive triple negative breast cancer subsets. <i>PLoS ONE</i> , 2020, 15, e0231711.	2.5	11
40	Implication of calcium activated RasGRF2 in Annexin A6-mediated breast tumor cell growth and motility. <i>Oncotarget</i> , 2019, 10, 133-151.	1.8	10
41	Calcium-mediated modulation of microtubule assembly in human breast epithelial cells. <i>In Vitro Cellular & Developmental Biology</i> , 1990, 26, 318-324.	1.0	8
42	Fetuin-A Promotes 3-Dimensional Growth in LNCaP Prostate Cancer Cells by Sequestering Extracellular Vesicles to Their Surfaces to Act as Signaling Platforms. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4031.	4.1	5
43	The interactions of alpha 2HS glycoprotein with metalloproteinases. <i>IUBMB Life</i> , 1996, 40, 13-20.	3.4	2
44	The rapid endocytic uptake of fetuinâ€ by adherent tumor cells is mediated by Tollâ€like receptor 4 (TLR4). <i>FEBS Open Bio</i> , 2020, 10, 2722-2732.	2.3	1
45	Galectin-3 regulates the adhesive interaction between breast carcinoma cells and elastin. , 1999, 75, 505.		1
46	Exosomal media enhances proliferation, migration, and invasion in triple negative breast cancer. <i>FASEB Journal</i> , 2013, 27, 214.1.	0.5	1
47	Inhibition of phorbol ester-mediated phenotypic changes in cultured cells by hypoxanthine. <i>Carcinogenesis</i> , 1987, 8, 1629-1633.	2.8	0
48	Annexin A6 suppresses breast cancer cell proliferation by inhibiting excessive receptorâ€activated increase in cytosolic calcium. <i>FASEB Journal</i> , 2011, 25, .	0.5	0
49	Sustained hypercalcemia primes nonâ€invasive breast cancer cells for metastasis to high calcium microenvironments. <i>FASEB Journal</i> , 2012, 26, .	0.5	0
50	Identification of MAGEC2/CT10 as a High Calcium-Inducible Gene in Triple-Negative Breast Cancer. <i>Frontiers in Endocrinology</i> , 2022, 13, 816598.	3.5	0