

Martin Gtte

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

183
papers

9,566
citations

48
h-index

95
g-index

240
ext. papers

10,791
ext. citations

5.5
avg, IF

6.19
L-index

#	Paper	IF	Citations
183	Functions of cell surface heparan sulfate proteoglycans. <i>Annual Review of Biochemistry</i> , 1999 , 68, 729-772	29.1	2294
182	The matrix component biglycan is proinflammatory and signals through Toll-like receptors 4 and 2 in macrophages. <i>Journal of Clinical Investigation</i> , 2005 , 115, 2223-33	15.9	621
181	Heparanase, hyaluronan, and CD44 in cancers: a breast carcinoma perspective. <i>Cancer Research</i> , 2006 , 66, 10233-7	10.1	293
180	Syndecans in inflammation. <i>FASEB Journal</i> , 2003 , 17, 575-91	0.9	278
179	Therapeutic value of glycosaminoglycans in cancer. <i>Molecular Cancer Therapeutics</i> , 2006 , 5, 2139-48	6.1	208
178	Heparan sulfate structure in mice with genetically modified heparan sulfate production. <i>Journal of Biological Chemistry</i> , 2004 , 279, 42732-41	5.4	200
177	Vesicular transport: how many Ypt/Rab-GTPases make a eukaryotic cell?. <i>Trends in Biochemical Sciences</i> , 1997 , 22, 468-72	10.3	184
176	miR-145-dependent targeting of junctional adhesion molecule A and modulation of fascin expression are associated with reduced breast cancer cell motility and invasiveness. <i>Oncogene</i> , 2010 , 29, 6569-80	9.2	181
175	Proteoglycan Chemical Diversity Drives Multifunctional Cell Regulation and Therapeutics. <i>Chemical Reviews</i> , 2018 , 118, 9152-9232	68.1	176
174	Increased expression of the adult stem cell marker Musashi-1 in endometriosis and endometrial carcinoma. <i>Journal of Pathology</i> , 2008 , 215, 317-29	9.4	159
173	Differential roles for membrane-bound and soluble syndecan-1 (CD138) in breast cancer progression. <i>Carcinogenesis</i> , 2009 , 30, 397-407	4.6	148
172	The Pathogenesis of Endometriosis: Molecular and Cell Biology Insights. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	145
171	Targeting of syndecan-1 by microRNA miR-10b promotes breast cancer cell motility and invasiveness via a Rho-GTPase- and E-cadherin-dependent mechanism. <i>International Journal of Cancer</i> , 2012 , 131, E884-96	7.5	122
170	Syndecan-1 is a novel molecular marker for triple negative inflammatory breast cancer and modulates the cancer stem cell phenotype via the IL-6/STAT3, Notch and EGFR signaling pathways. <i>Molecular Cancer</i> , 2017 , 16, 57	42.1	120
169	World Endometriosis Research Foundation Endometriosis Phenome and Biobanking Harmonization Project: II. Clinical and covariate phenotype data collection in endometriosis research. <i>Fertility and Sterility</i> , 2014 , 102, 1223-32	4.8	119
168	World Endometriosis Research Foundation Endometriosis Phenome and Biobanking Harmonisation Project: I. Surgical phenotype data collection in endometriosis research. <i>Fertility and Sterility</i> , 2014 , 102, 1213-22	4.8	116
167	Roles and targeting of the HAS/hyaluronan/CD44 molecular system in cancer. <i>Matrix Biology</i> , 2017 , 59, 3-22	11.4	113

166	Flow cytometry in cancer stem cell analysis and separation. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012 , 81, 284-93	4.6	107
165	Increased expression of syndecan-1 protects against cardiac dilatation and dysfunction after myocardial infarction. <i>Circulation</i> , 2007 , 115, 475-82	16.7	105
164	World Endometriosis Research Foundation Endometriosis Phenome and Biobanking Harmonisation Project: IV. Tissue collection, processing, and storage in endometriosis research. <i>Fertility and Sterility</i> , 2014 , 102, 1244-53	4.8	100
163	Defective glycosylation of decorin and biglycan, altered collagen structure, and abnormal phenotype of the skin fibroblasts of an Ehlers-Danlos syndrome patient carrying the novel Arg270Cys substitution in galactosyltransferase I (beta4GalT-7). <i>Journal of Molecular Medicine</i> , 2006 , 84, 583-94	5.5	97
162	Expression and prognostic impact of the protein tyrosine phosphatases PRL-1, PRL-2, and PRL-3 in breast cancer. <i>British Journal of Cancer</i> , 2006 , 95, 347-54	8.7	97
161	World Endometriosis Research Foundation Endometriosis Phenome and Biobanking Harmonization Project: III. Fluid biospecimen collection, processing, and storage in endometriosis research. <i>Fertility and Sterility</i> , 2014 , 102, 1233-43	4.8	91
160	Characterization of endometrial mesenchymal stem-like cells obtained by endometrial biopsy during routine diagnostics. <i>Fertility and Sterility</i> , 2011 , 95, 423-6	4.8	89
159	A new beat for the SNARE drum. <i>Trends in Cell Biology</i> , 1998 , 8, 215-8	18.3	86
158	Syndecan-1 (CD138) modulates triple-negative breast cancer stem cell properties via regulation of LRP-6 and IL-6-mediated STAT3 signaling. <i>PLoS ONE</i> , 2013 , 8, e85737	3.7	86
157	An expression signature of syndecan-1 (CD138), E-cadherin and c-met is associated with factors of angiogenesis and lymphangiogenesis in ductal breast carcinoma in situ. <i>Breast Cancer Research</i> , 2007 , 9, R8	8.3	85
156	Inhibition by the soluble syndecan-1 ectodomains delays wound repair in mice overexpressing syndecan-1. <i>Journal of Biological Chemistry</i> , 2004 , 279, 41928-35	5.4	84
155	Syndecan-1 modulates Integrin-dependent and interleukin-6-dependent functions in breast cancer cell adhesion, migration, and resistance to irradiation. <i>FEBS Journal</i> , 2013 , 280, 2216-27	5.7	82
154	Role of syndecan-1 in leukocyte-endothelial interactions in the ocular vasculature. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 1135-41		82
153	MicroRNA miR-145 inhibits proliferation, invasiveness, and stem cell phenotype of an in vitro endometriosis model by targeting multiple cytoskeletal elements and pluripotency factors. <i>Fertility and Sterility</i> , 2013 , 99, 1346-1355.e5	4.8	76
152	microRNA miR-142-3p Inhibits Breast Cancer Cell Invasiveness by Synchronous Targeting of WASL, Integrin Alpha V, and Additional Cytoskeletal Elements. <i>PLoS ONE</i> , 2015 , 10, e0143993	3.7	75
151	More than matrix: the multifaceted role of decorin in cancer. <i>European Journal of Cell Biology</i> , 2013 , 92, 1-11	6.1	73
150	Physicochemical and biological characterization of chitosan-microRNA nanocomplexes for gene delivery to MCF-7 breast cancer cells. <i>Scientific Reports</i> , 2015 , 5, 13567	4.9	72
149	The adult stem cell marker Musashi-1 modulates endometrial carcinoma cell cycle progression and apoptosis via Notch-1 and p21WAF1/CIP1. <i>International Journal of Cancer</i> , 2011 , 129, 2042-9	7.5	69

148	microRNA miR-200b affects proliferation, invasiveness and stemness of endometriotic cells by targeting ZEB1, ZEB2 and KLF4. <i>Reproductive BioMedicine Online</i> , 2016 , 32, 434-45	4	62
147	Enoxaparin improves the course of dextran sodium sulfate-induced colitis in syndecan-1-deficient mice. <i>American Journal of Pathology</i> , 2010 , 176, 146-57	5.8	61
146	Correlation between dioxin and endometriosis: an epigenetic route to unravel the pathogenesis of the disease. <i>Archives of Gynecology and Obstetrics</i> , 2015 , 292, 973-86	2.5	57
145	Constitutive and accelerated shedding of murine syndecan-1 is mediated by cleavage of its core protein at a specific juxtamembrane site. <i>Biochemistry</i> , 2005 , 44, 12355-61	3.2	57
144	miR-142-3p attenuates breast cancer stem cell characteristics and decreases radioresistance in vitro. <i>Tumor Biology</i> , 2018 , 40, 1010428318791887	2.9	53
143	Effects of the FSH receptor gene polymorphism p.N680S on cAMP and steroid production in cultured primary human granulosa cells. <i>Reproductive BioMedicine Online</i> , 2011 , 23, 196-203	4	52
142	Syndecan-1 deficiency aggravates anti-glomerular basement membrane nephritis. <i>Kidney International</i> , 2007 , 72, 1204-15	9.9	52
141	Shed proteoglycans in tumor stroma. <i>Cell and Tissue Research</i> , 2016 , 365, 643-55	4.2	52
140	On the role of endothelin-converting enzyme-1 (ECE-1) and neprilysin in human breast cancer. <i>Breast Cancer Research and Treatment</i> , 2007 , 106, 361-9	4.4	51
139	Proteoglycans and glycosaminoglycans as regulators of cancer stem cell function and therapeutic resistance. <i>FEBS Journal</i> , 2019 , 286, 2870-2882	5.7	49
138	Role of the heparan sulfate proteoglycan syndecan-1 (CD138) in delayed-type hypersensitivity. <i>Journal of Immunology</i> , 2009 , 182, 4985-93	5.3	49
137	Endothelin receptor type B counteracts tenascin-C-induced endothelin receptor type A-dependent focal adhesion and actin stress fiber disorganization. <i>Cancer Research</i> , 2007 , 67, 6163-73	10.1	49
136	Microbial subversion of heparan sulfate proteoglycans. <i>Molecules and Cells</i> , 2008 , 26, 415-26	3.5	49
135	Stem Cell Trafficking During Endometriosis: May Epigenetics Play a Pivotal Role?. <i>Reproductive Sciences</i> , 2018 , 25, 978-979	3	48
134	Heparan sulphate as a regulator of leukocyte recruitment in inflammation. <i>Current Protein and Peptide Science</i> , 2015 , 16, 77-86	2.8	47
133	MicroRNA regulation of proteoglycan function in cancer. <i>FEBS Journal</i> , 2014 , 281, 5009-22	5.7	47
132	Changes in heparan sulfate are associated with delayed wound repair, altered cell migration, adhesion and contractility in the galactosyltransferase I (beta4GalT-7) deficient form of Ehlers-Danlos syndrome. <i>Human Molecular Genetics</i> , 2008 , 17, 996-1009	5.6	47
131	HS3ST2 modulates breast cancer cell invasiveness via MAP kinase- and Tcf4 (Tcf7l2)-dependent regulation of protease and cadherin expression. <i>International Journal of Cancer</i> , 2014 , 135, 2579-92	7.5	45

130	The role for decorin in delayed-type hypersensitivity. <i>Journal of Immunology</i> , 2011 , 187, 6108-19	5.3	43
129	Syndecan-1 as a regulator of chemokine function. <i>Scientific World Journal, The</i> , 2003 , 3, 1327-31	2.2	41
128	Syndecan-1, a cell surface proteoglycan, negatively regulates initial leukocyte recruitment to the brain across the choroid plexus in murine experimental autoimmune encephalomyelitis. <i>Journal of Immunology</i> , 2013 , 191, 4551-61	5.3	40
127	Defective glycosaminoglycan substitution of decorin in a patient with progeroid syndrome is a direct consequence of two point mutations in the galactosyltransferase I (beta4GalT-7) gene. <i>Biochemical Genetics</i> , 2005 , 43, 65-77	2.4	40
126	Predictive value of syndecan-1 expression for the response to neoadjuvant chemotherapy of primary breast cancer. <i>Anticancer Research</i> , 2006 , 26, 621-7	2.3	39
125	Estrogen receptor beta as epigenetic mediator of miR-10b and miR-145 in mammary cancer. <i>Matrix Biology</i> , 2017 , 64, 94-111	11.4	38
124	Metformin alters insulin signaling and viability of human granulosa cells. <i>Fertility and Sterility</i> , 2005 , 84 Suppl 2, 1173-9	4.8	38
123	Aberrant expression of the pluripotency marker SOX-2 in endometriosis. <i>Fertility and Sterility</i> , 2011 , 95, 338-41	4.8	37
122	High expression of the yeast syntaxin-related Vam3 protein suppresses the protein transport defects of a pep12 null mutant. <i>FEBS Letters</i> , 1997 , 411, 48-52	3.8	37
121	Targeting of syndecan-1 by micro-ribonucleic acid miR-10b modulates invasiveness of endometriotic cells via dysregulation of the proteolytic milieu and interleukin-6 secretion. <i>Fertility and Sterility</i> , 2013 , 99, 871-881.e1	4.8	36
120	Challenges in endometriosis miRNA studies - From tissue heterogeneity to disease specific miRNAs. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 2282-2292	6.9	36
119	Fertility Preservation for Patients with Malignant Disease. Guideline of the DGGG, DGU and DGRM (S2k-Level, AWMF Registry No. 015/082, November 2017) - Recommendations and Statements for Girls and Women. <i>Geburtshilfe Und Frauenheilkunde</i> , 2018 , 78, 567-584	2	36
118	Role of cell surface proteoglycans in cancer immunotherapy. <i>Seminars in Cancer Biology</i> , 2020 , 62, 48-67	12.7	35
117	Survivin, a target to modulate the radiosensitivity of Ewing's sarcoma. <i>Strahlentherapie Und Onkologie</i> , 2012 , 188, 1038-47	4.3	33
116	MicroRNAs in breast cancer pathogenesis. <i>Minerva Ginecologica</i> , 2010 , 62, 559-71	1.2	33
115	Cell-surface heparan sulfate proteoglycans as multifunctional integrators of signaling in cancer. <i>Cellular Signalling</i> , 2021 , 77, 109822	4.9	32
114	Insights into the key roles of epigenetics in matrix macromolecules-associated wound healing. <i>Advanced Drug Delivery Reviews</i> , 2018 , 129, 16-36	18.5	31
113	MicroRNA-dependent targeting of the extracellular matrix as a mechanism of regulating cell behavior. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 2609-20	4	31

112	Increased leukocyte-endothelial interactions in syndecan-1-deficient mice involve heparan sulfate-dependent and -independent steps. <i>Current Eye Research</i> , 2005 , 30, 417-22	2.9	28
111	Extracellular matrix functions in lung cancer. <i>Matrix Biology</i> , 2018 , 73, 105-121	11.4	27
110	Influence of secreted frizzled receptor protein 1 (SFRP1) on neoadjuvant chemotherapy in triple negative breast cancer does not rely on WNT signaling. <i>Molecular Cancer</i> , 2014 , 13, 174	42.1	27
109	Syndecan-1 knock-down in decidualized human endometrial stromal cells leads to significant changes in cytokine and angiogenic factor expression patterns. <i>Reproductive Biology and Endocrinology</i> , 2010 , 8, 133	5	27
108	Differentially-Expressed miRNAs in Ectopic Stromal Cells Contribute to Endometriosis Development: The Plausible Role of miR-139-5p and miR-375. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	23
107	Decorin potentiates interferon- γ activity in a model of allergic inflammation. <i>Journal of Biological Chemistry</i> , 2013 , 288, 12699-711	5.4	22
106	Syndecan-1 deficiency promotes tumor growth in a murine model of colitis-induced colon carcinoma. <i>PLoS ONE</i> , 2017 , 12, e0174343	3.7	21
105	Selective ETAR antagonist atrasentan inhibits hypoxia-induced breast cancer cell invasion. <i>Breast Cancer Research and Treatment</i> , 2008 , 108, 175-82	4.4	21
104	Plants as source of new therapies for endometriosis: a review of preclinical and clinical studies. <i>Human Reproduction Update</i> , 2021 , 27, 367-392	15.8	21
103	miR-142-3p is a novel regulator of cell viability and proinflammatory signalling in endometrial stroma cells. <i>Reproductive BioMedicine Online</i> , 2015 , 30, 553-6	4	20
102	MDA-MB-231 breast cancer cell viability, motility and matrix adhesion are regulated by a complex interplay of heparan sulfate, chondroitin-/dermatan sulfate and hyaluronan biosynthesis. <i>Glycoconjugate Journal</i> , 2017 , 34, 411-420	3	20
101	Endocytosis of the dermatan sulfate proteoglycan decorin utilizes multiple pathways and is modulated by epidermal growth factor receptor signaling. <i>Biochimie</i> , 2007 , 89, 637-57	4.6	20
100	SETD3 acts as a prognostic marker in breast cancer patients and modulates the viability and invasion of breast cancer cells. <i>Scientific Reports</i> , 2020 , 10, 2262	4.9	20
99	ETAR antagonist ZD4054 exhibits additive effects with aromatase inhibitors and fulvestrant in breast cancer therapy, and improves in vivo efficacy of anastrozole. <i>Breast Cancer Research and Treatment</i> , 2010 , 123, 345-57	4.4	19
98	Effects of black cohosh on estrogen biosynthesis in normal breast tissue in vitro. <i>Maturitas</i> , 2007 , 57, 382-91	5	19
97	Endocytosis of decorin by bovine aortic endothelial cells. <i>European Journal of Cell Biology</i> , 1995 , 66, 226-33	6.1	17
96	Extracellular matrix-based cancer targeting. <i>Trends in Molecular Medicine</i> , 2021 , 27, 1000-1013	11.5	17
95	Biglycan is internalized via a chlorpromazine-sensitive route. <i>Cellular and Molecular Biology Letters</i> , 2004 , 9, 475-81	8.1	17

94	Targeting endothelin A receptor enhances anti-proliferative and anti-invasive effects of the HER2 antibody trastuzumab in HER2-overexpressing breast cancer cells. <i>International Journal of Cancer</i> , 2010 , 127, 696-706	7.5	16
93	The full complement of yeast Ypt/Rab-GTPases and their involvement in exo- and endocytic trafficking. <i>Sub-Cellular Biochemistry</i> , 2000 , 34, 133-73	5.5	16
92	Involvement of Syndecan-1 and Heparanase in Cancer and Inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1221, 97-135	3.6	16
91	The immunomodulatory role of tumor Syndecan-1 (CD138) on ex vivo tumor microenvironmental CD4+ T cell polarization in inflammatory and non-inflammatory breast cancer patients. <i>PLoS ONE</i> , 2019 , 14, e0217550	3.7	15
90	miR-200b restrains EMT and aggressiveness and regulates matrix composition depending on ER status and signaling in mammary cancer. <i>Matrix Biology Plus</i> , 2020 , 6-7, 100024	5.1	15
89	A novel large dermatan sulfate proteoglycan from human fibroblasts. <i>Journal of Biological Chemistry</i> , 1991 , 266, 13224-32	5.4	15
88	The anti-androgen drug dutasteride renders triple negative breast cancer cells more sensitive to chemotherapy via inhibition of HIF-1 β /VEGF-signaling. <i>Gynecological Endocrinology</i> , 2015 , 31, 160-4	2.4	14
87	The heparan sulfate proteoglycan syndecan-1 regulates colon cancer stem cell function via a focal adhesion kinase-Wnt signaling axis. <i>FEBS Journal</i> , 2021 , 288, 486-506	5.7	14
86	A novel large dermatan sulfate proteoglycan from human fibroblasts. <i>Journal of Biological Chemistry</i> , 1991 , 266, 13224-13232	5.4	13
85	Syndecan-4 expression is upregulated in endometriosis and contributes to an invasive phenotype. <i>Fertility and Sterility</i> , 2016 , 106, 378-85	4.8	13
84	Syndecan-1 regulates dendritic cell migration in cutaneous hypersensitivity to haptens. <i>Experimental Dermatology</i> , 2017 , 26, 1060-1067	4	12
83	The endometrial stem cell markers notch-1 and numb are associated with endometriosis. <i>Reproductive BioMedicine Online</i> , 2018 , 36, 294-301	4	11
82	RNA-Generated and Gene-Edited Induced Pluripotent Stem Cells for Disease Modeling and Therapy. <i>Journal of Cellular Physiology</i> , 2017 , 232, 1262-1269	7	11
81	Impact of testosterone on the expression of organic anion transporting polypeptides (OATP-1A2, OATP-2B1, OATP-3A1) in malignant and non-malignant human breast cells in vitro. <i>Maturitas</i> , 2012 , 71, 376-84	5	11
80	Evaluation of placental syndecan-1 expression in early pregnancy as a predictive fetal factor for pregnancy outcome. <i>Prenatal Diagnosis</i> , 2012 , 32, 131-7	3.2	11
79	HS2ST1-dependent signaling pathways determine breast cancer cell viability, matrix interactions, and invasive behavior. <i>Cancer Science</i> , 2020 , 111, 2907-2922	6.9	11
78	Differential impact of classical and non-canonical NF- κ B pathway-related gene expression on the survival of breast cancer patients. <i>Journal of Cancer</i> , 2019 , 10, 5191-5211	4.5	11
77	Overexpression of Endothelin-A-receptor in breast cancer: regulation by estradiol and cobalt-chloride induced hypoxia. <i>International Journal of Oncology</i> , 2005 , 26, 951-60	1	11

76	Knockdown of Musashi RNA Binding Proteins Decreases Radioresistance but Enhances Cell Motility and Invasion in Triple-Negative Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
75	Importance of transvaginal ultrasound applying elastography for identifying deep infiltrating endometriosis - a feasibility study. <i>Ultraschall in Der Medizin</i> , 2014 , 35, 561-5	3.8	10
74	Endometrial cells get side-tracked: side population cells promote epithelial-mesenchymal transition in endometrial carcinoma. <i>American Journal of Pathology</i> , 2010 , 176, 25-8	5.8	10
73	Cell adhesion in cancer. <i>International Journal of Cell Biology</i> , 2012 , 2012, 965618	2.6	10
72	Differential effect of hormone therapy on E1S-sulfatase activity in non-malignant and cancerous breast cells in vitro. <i>Breast Cancer Research and Treatment</i> , 2008 , 108, 363-74	4.4	10
71	Inflammatory Breast Carcinoma: Elevated microRNA miR-181b-5p and Reduced miR-200b-3p, miR-200c-3p, and miR-203a-3p Expression as Potential Biomarkers with Diagnostic Value. <i>Biomolecules</i> , 2020 , 10,	5.9	10
70	Nanoencapsulated capsaicin changes migration behavior and morphology of madin darby canine kidney cell monolayers. <i>PLoS ONE</i> , 2017 , 12, e0187497	3.7	9
69	MicroRNAs and the pathogenesis of endometriosis. <i>Journal of Endometriosis</i> , 2012 , 4, 1-16		9
68	mRNA-expression of ER α and PR in clonal stem cell cultures obtained from human endometrial biopsies. <i>Scientific World Journal, The</i> , 2011 , 11, 1762-9	2.2	9
67	The Heparan Sulfate Sulfotransferases HS2ST1 and HS3ST2 Are Novel Regulators of Breast Cancer Stem-Cell Properties. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 559554	5.7	9
66	Syndecan-1 modulates the invasive potential of endometrioma via TGF- β signalling in a subgroup of women with endometriosis. <i>Human Reproduction</i> , 2020 , 35, 2280-2293	5.7	9
65	Syndecan-4 as a Pathogenesis Factor and Therapeutic Target in Cancer. <i>Biomolecules</i> , 2021 , 11,	5.9	8
64	Syndecan-1 Promotes Angiogenesis in Triple-Negative Breast Cancer through the Prognostically Relevant Tissue Factor Pathway and Additional Angiogenic Routes. <i>Cancers</i> , 2021 , 13,	6.6	8
63	Arrangement of myofibroblastic and smooth muscle-like cells in superficial peritoneal endometriosis and a possible role of transforming growth factor beta 1 (TGF β 1) in myofibroblastic metaplasia. <i>Archives of Gynecology and Obstetrics</i> , 2019 , 299, 489-499	2.5	8
62	Collagen I triggers directional migration, invasion and matrix remodeling of stroma cells in a 3D spheroid model of endometriosis. <i>Scientific Reports</i> , 2021 , 11, 4115	4.9	8
61	Characterization of inflammatory breast cancer: a vibrational microspectroscopy and imaging approach at the cellular and tissue level. <i>Analyst, The</i> , 2018 , 143, 6103-6112	5	8
60	Differential effects of aromatase inhibitors and antiestrogens on estrogen receptor expression in breast cancer cells. <i>Anticancer Research</i> , 2009 , 29, 2167-71	2.3	8
59	Syndecan-1-Dependent Regulation of Heparanase Affects Invasiveness, Stem Cell Properties, and Therapeutic Resistance of Caco2 Colon Cancer Cells. <i>Frontiers in Oncology</i> , 2020 , 10, 774	5.3	7

58	Zebrafish Tmem230a cooperates with the Delta/Notch signaling pathway to modulate endothelial cell number in angiogenic vessels. <i>Journal of Cellular Physiology</i> , 2018 , 233, 1455-1467	7	7
57	Secretase inhibition affects viability, apoptosis, and the stem cell phenotype of endometriotic cells. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2019 , 98, 1565-1574	3.8	7
56	Small extracellular vesicle-encapsulated miR-181b-5p, miR-222-3p and let-7a-5p: Next generation plasma biopsy-based diagnostic biomarkers for inflammatory breast cancer. <i>PLoS ONE</i> , 2021 , 16, e0250642	3.7	7
55	Seminal plasma (SP) induces a rapid transforming growth factor beta 1 (TGF β 1)-independent up-regulation of epithelial-mesenchymal transdifferentiation (EMT) and myofibroblastic metaplasia-markers in endometriotic (EM) and endometrial cells. <i>Archives of Gynecology and Obstetrics</i> , 2019 , 299, 173-183	2.5	7
54	Expression of PRL-3 regulates proliferation and invasion of breast cancer cells in vitro. <i>Archives of Gynecology and Obstetrics</i> , 2017 , 296, 1153-1160	2.5	6
53	IL-8 and MCP-1/CCL2 regulate proteolytic activity in triple negative inflammatory breast cancer a mechanism that might be modulated by Src and Erk1/2. <i>Toxicology and Applied Pharmacology</i> , 2020 , 401, 115092	4.6	6
52	Induction of heparanase via IL-10 correlates with a high infiltration of CD163+ M2-type tumor-associated macrophages in inflammatory breast carcinomas. <i>Matrix Biology Plus</i> , 2020 , 6-7, 100030	5.1	6
51	Mollusks of the Upper Jurassic (upper Oxfordian-lower Kimmeridgian) shallow marine Minas Viejas Formation, northeastern Mexico. <i>Journal of South American Earth Sciences</i> , 2015 , 62, 92-108	2	6
50	Effect of testosterone on E1S-sulfatase activity in non-malignant and cancerous breast cells in vitro. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009 , 117, 168-75	5.1	6
49	Overlapping genes may control reprogramming of mouse somatic cells into induced pluripotent stem cells (iPSCs) and breast cancer stem cells. <i>In Silico Biology</i> , 2010 , 10, 207-21	2	6
48	microRNA-140-3p modulates invasiveness, motility, and extracellular matrix adhesion of breast cancer cells by targeting syndecan-4. <i>Journal of Cellular Biochemistry</i> , 2021 , 122, 1491-1505	4.7	6
47	Serglycin activates pro-tumorigenic signaling and controls glioblastoma cell stemness, differentiation and invasive potential. <i>Matrix Biology Plus</i> , 2020 , 6-7, 100033	5.1	5
46	Integrating Microstructured Electrospun Scaffolds in an Open Microfluidic System for Studies of Human Patient-Derived Primary Cells. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 3649-3663	5.5	5
45	Role of syndecan-3 polymorphisms in obesity and female hyperandrogenism. <i>Journal of Molecular Medicine</i> , 2009 , 87, 1241-50	5.5	5
44	The ins and outs of yeast vacuole trafficking. <i>Protoplasma</i> , 1999 , 209, 9-18	3.4	5
43	Physiological and anatomical aspects of the reproduction of mice with reduced Syndecan-1 expression. <i>Reproductive Biology and Endocrinology</i> , 2019 , 17, 28	5	4
42	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,	6.3	4
41	Prognostic significance of hedgehog signaling network-related gene expression in breast cancer patients. <i>Journal of Cellular Biochemistry</i> , 2021 , 122, 577-597	4.7	4

40	Stammzellen im Endometrium. <i>Gynakologische Endokrinologie</i> , 2009 , 7, 185-189	0.1	3
39	A novel 110-kDa receptor protein is involved in endocytic uptake of decorin by human skin fibroblasts. <i>Scientific World Journal, The</i> , 2006 , 6, 35-52	2.2	3
38	The cell cycle-related genes RHAMM, AURKA, TPX2, PLK1, and PLK4 are associated with the poor prognosis of breast cancer patients.. <i>Journal of Cellular Biochemistry</i> , 2022 ,	4.7	3
37	Infrared Microspectroscopy and Imaging Analysis of Inflammatory and Non-Inflammatory Breast Cancer Cells and Their GAG Secretome. <i>Molecules</i> , 2020 , 25,	4.8	3
36	Role of syndecan-1 in the interaction between dendritic cells and T cells. <i>PLoS ONE</i> , 2020 , 15, e0230835	3.7	3
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