

Martin Gärtte

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8311014/publications.pdf>

Version: 2024-02-01

212
papers

11,891
citations

31949

53
h-index

29127

104
g-index

240
all docs

240
docs citations

240
times ranked

12845
citing authors

#	ARTICLE	IF	CITATIONS
1	Functions of Cell Surface Heparan Sulfate Proteoglycans. Annual Review of Biochemistry, 1999, 68, 729-777.	5.0	2,490
2	The matrix component biglycan is proinflammatory and signals through Toll-like receptors 4 and 2 in macrophages. Journal of Clinical Investigation, 2005, 115, 2223-2233.	3.9	718
3	Syndecans in inflammation. FASEB Journal, 2003, 17, 575-591.	0.2	322
4	Heparanase, Hyaluronan, and CD44 in Cancers: A Breast Carcinoma Perspective: Figure 1.. Cancer Research, 2006, 66, 10233-10237.	0.4	316
5	The Pathogenesis of Endometriosis: Molecular and Cell Biology Insights. International Journal of Molecular Sciences, 2019, 20, 5615.	1.8	270
6	Proteoglycan Chemical Diversity Drives Multifunctional Cell Regulation and Therapeutics. Chemical Reviews, 2018, 118, 9152-9232.	23.0	253
7	Therapeutic value of glycosaminoglycans in cancer. Molecular Cancer Therapeutics, 2006, 5, 2139-2148.	1.9	246
8	Heparan Sulfate Structure in Mice with Genetically Modified Heparan Sulfate Production. Journal of Biological Chemistry, 2004, 279, 42732-42741.	1.6	222
9	Vesicular transport: how many Ypt/Rab-GTPases make a eukaryotic cell?. Trends in Biochemical Sciences, 1997, 22, 468-472.	3.7	200
10	miR-145-dependent targeting of Junctional Adhesion Molecule A and modulation of fascin expression are associated with reduced breast cancer cell motility and invasiveness. Oncogene, 2010, 29, 6569-6580.	2.6	197
11	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. Molecular Cancer, 2017, 16, 57.	7.9	188
12	Increased expression of the adult stem cell marker Musashi-1 in endometriosis and endometrial carcinoma. Journal of Pathology, 2008, 215, 317-329.	2.1	178
13	World Endometriosis Research Foundation Endometriosis Phenome and biobanking harmonization project: II. Clinical and covariate phenotype data collection in endometriosis research. Fertility and Sterility, 2014, 102, 1223-1232.	0.5	171
14	Differential roles for membrane-bound and soluble syndecan-1 (CD138) in breast cancer progression. Carcinogenesis, 2009, 30, 397-407.	1.3	168
15	Roles and targeting of the HAS/hyaluronan/CD44 molecular system in cancer. Matrix Biology, 2017, 59, 3-22.	1.5	156
16	World Endometriosis Research Foundation Endometriosis Phenome and Biobanking Harmonisation Project: I. Surgical phenotype data collection in endometriosis research. Fertility and Sterility, 2014, 102, 1213-1222.	0.5	154
17	World Endometriosis Research Foundation Endometriosis Phenome and Biobanking Harmonization Project: III. Fluid biospecimen collection, processing, and storage in endometriosis research. Fertility and Sterility, 2014, 102, 1233-1243.	0.5	147
18	Targeting of syndecan-1 by microRNA miR-10b promotes breast cancer cell motility and invasiveness via a Rho GTPase and E-cadherin-dependent mechanism. International Journal of Cancer, 2012, 131, 23E884-96.		145

#	ARTICLE	IF	CITATIONS
19	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, 1244-1253.	0.5	134
20	Flow cytometry in cancer stem cell analysis and separation. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 284-293.	1.1	131
21	Increased Expression of Syndecan-1 Protects Against Cardiac Dilatation and Dysfunction After Myocardial Infarction. <i>Circulation</i> , 2007, 115, 475-482.	1.6	123
22	Characterization of endometrial mesenchymal stem-like cells obtained by endometrial biopsy during routine diagnostics. <i>Fertility and Sterility</i> , 2011, 95, 423-426.	0.5	112
23	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 (β 24GalT-7). <i>Journal of Molecular Medicine</i> , 2006, 84, 583-594.	1.7	104
24	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, 347-354.	2.9	104
25	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.	1.1	104
26	Syndecan-1 modulates β 2-integrin-dependent and interleukin-6-dependent functions in breast cancer cell adhesion, migration, and resistance to irradiation. <i>FEBS Journal</i> , 2013, 280, 2216-2227.	2.2	94
27	Inhibition by the Soluble Syndecan-1 Ectodomains Delays Wound Repair in Mice Overexpressing Syndecan-1. <i>Journal of Biological Chemistry</i> , 2004, 279, 41928-41935.	1.6	93
28	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.	2.2	93
29	Physicochemical and biological characterization of chitosan-microRNA nanocomplexes for gene delivery to MCF-7 breast cancer cells. <i>Scientific Reports</i> , 2015, 5, 13567.	1.6	93
30	More than matrix: The multifaceted role of decorin in cancer. <i>European Journal of Cell Biology</i> , 2013, 92, 1-11.	1.6	92
31	Role of syndecan-1 in leukocyte-endothelial interactions in the ocular vasculature. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 1135-41.	3.3	91
32	A new beat for the SNARE drum. <i>Trends in Cell Biology</i> , 1998, 8, 215-218.	3.6	90
33	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.	1.1	89
34	Proteoglycans and glycosaminoglycans as regulators of cancer stem cell function and therapeutic resistance. <i>FEBS Journal</i> , 2019, 286, 2870-2882.	2.2	88
35	MicroRNA miR-145 inhibits proliferation, invasiveness, and stem cell phenotype of an <i>in vitro</i> endometriosis model by targeting multiple cytoskeletal elements and pluripotency factors. <i>Fertility and Sterility</i> , 2013, 99, 1346-1355.e5.	0.5	85
36	miR-142-3p attenuates breast cancer stem cell characteristics and decreases radioresistance <i>in vitro</i> . <i>Tumor Biology</i> , 2018, 40, 101042831879188.	0.8	85

#	ARTICLE	IF	CITATIONS
37	The adult stem cell marker Musashi-1 modulates endometrial carcinoma cell cycle progression and apoptosis via Notch-1 and p21 ^{WAF1/CIP1} . International Journal of Cancer, 2011, 129, 2042-2049.	2.3	83
38	microRNA miR-200b affects proliferation, invasiveness and stemness of endometriotic cells by targeting ZEB1, ZEB2 and KLF4. Reproductive BioMedicine Online, 2016, 32, 434-445.	1.1	76
39	Stem Cell Trafficking During Endometriosis: May Epigenetics Play a Pivotal Role?. Reproductive Sciences, 2018, 25, 978-979.	1.1	72
40	Enoxaparin Improves the Course of Dextran Sodium Sulfate-Induced Colitis in Syndecan-1-Deficient Mice. American Journal of Pathology, 2010, 176, 146-157.	1.9	71
41	Plants as source of new therapies for endometriosis: a review of preclinical and clinical studies. Human Reproduction Update, 2021, 27, 367-392.	5.2	71
42	Effects of the FSH receptor gene polymorphism p.N680S on cAMP and steroid production in cultured primary human granulosa cells. Reproductive BioMedicine Online, 2011, 23, 196-203.	1.1	70
43	Shed proteoglycans in tumor stroma. Cell and Tissue Research, 2016, 365, 643-655.	1.5	70
44	Cell-surface heparan sulfate proteoglycans as multifunctional integrators of signaling in cancer. Cellular Signalling, 2021, 77, 109822.	1.7	66
45	Extracellular matrix-based cancer targeting. Trends in Molecular Medicine, 2021, 27, 1000-1013.	3.5	66
46	Correlation between dioxin and endometriosis: an epigenetic route to unravel the pathogenesis of the disease. Archives of Gynecology and Obstetrics, 2015, 292, 973-986.	0.8	65
47	Constitutive and Accelerated Shedding of Murine Syndecan-1 Is Mediated by Cleavage of Its Core Protein at a Specific Juxtamembrane Site. Biochemistry, 2005, 44, 12355-12361.	1.2	61
48	Syndecan-1 deficiency aggravates anti-glomerular basement membrane nephritis. Kidney International, 2007, 72, 1204-1215.	2.6	60
49	On the role of endothelin-converting enzyme-1 (ECE-1) and neprilysin in human breast cancer. Breast Cancer Research and Treatment, 2007, 106, 361-369.	1.1	59
50	Role of cell surface proteoglycans in cancer immunotherapy. Seminars in Cancer Biology, 2020, 62, 48-67.	4.3	59
51	HS3ST2 modulates breast cancer cell invasiveness via MAP kinase and Tcf4 (Tcf7l2)-dependent regulation of protease and cadherin expression. International Journal of Cancer, 2014, 135, 2579-2592.	2.3	58
52	Heparan Sulphate as a Regulator of Leukocyte Recruitment in Inflammation. Current Protein and Peptide Science, 2015, 16, 77-86.	0.7	56
53	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. Geburtshilfe Und Frauenheilkunde, 2018, 78, 567-584.	0.8	56
54	Role of the Heparan Sulfate Proteoglycan Syndecan-1 (CD138) in Delayed-Type Hypersensitivity. Journal of Immunology, 2009, 182, 4985-4993.	0.4	54

#	ARTICLE	IF	CITATIONS
55	Microbial subversion of heparan sulfate proteoglycans. <i>Molecules and Cells</i> , 2008, 26, 415-26.	1.0	54
56	Micro<scp>RNA</scp> regulation of proteoglycan function in cancer. <i>FEBS Journal</i> , 2014, 281, 5009-5022.	2.2	53
57	Changes in heparan sulfate are associated with delayed wound repair, altered cell migration, adhesion and contractility in the galactosyltransferase I (ÅY4GalT-7) deficient form of Ehlersâ€“Danlos syndrome. <i>Human Molecular Genetics</i> , 2008, 17, 996-1009.	1.4	52
58	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, 4551-4561.	0.4	52
59	Challenges in endometriosis miRNA studies â€” From tissue heterogeneity to disease specific miRNAs. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2282-2292.	1.8	52
60	Endothelin Receptor Type B Counteracts Tenascin-Câ€“Induced Endothelin Receptor Type Aâ€“Dependent Focal Adhesion and Actin Stress Fiber Disorganization. <i>Cancer Research</i> , 2007, 67, 6163-6173.	0.4	51
61	Syndecan-1 as a Regulator of Chemokine Function. <i>Scientific World Journal, The</i> , 2003, 3, 1327-1331.	0.8	47
62	Insights into the key roles of epigenetics in matrix macromolecules-associated wound healing. <i>Advanced Drug Delivery Reviews</i> , 2018, 129, 16-36.	6.6	47
63	The Role for Decorin in Delayed-Type Hypersensitivity. <i>Journal of Immunology</i> , 2011, 187, 6108-6119.	0.4	46
64	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.	7.9	45
65	Aberrant expression of the pluripotency marker SOX-2 in endometriosis. <i>Fertility and Sterility</i> , 2011, 95, 338-341.	0.5	44
66	Survivin, a target to modulate the radiosensitivity of Ewingâ€™s sarcoma. <i>Strahlentherapie Und Onkologie</i> , 2012, 188, 1038-1047.	1.0	43
67	Estrogen receptor beta as epigenetic mediator of miR-10b and miR-145 in mammary cancer. <i>Matrix Biology</i> , 2017, 64, 94-111.	1.5	43
68	Defective Glycosaminoglycan Substitution of Decorin in a Patient With Progeroid Syndrome Is a Direct Consequence of Two Point Mutations in the Galactosyltransferase I (ÅY4GalT-7) Gene. <i>Biochemical Genetics</i> , 2005, 43, 65-77.	0.8	42
69	Extracellular matrix functions in lung cancer. <i>Matrix Biology</i> , 2018, 73, 105-121.	1.5	42
70	Metformin alters insulin signaling and viability of human granulosa cells. <i>Fertility and Sterility</i> , 2005, 84, 1173-1179.	0.5	41
71	Predictive value of syndecan-1 expression for the response to neoadjuvant chemotherapy of primary breast cancer. <i>Anticancer Research</i> , 2006, 26, 621-7.	0.5	41
72	High expression of the yeast syntaxin-related Vam3 protein suppresses the protein transport defects of a pep12null mutant. <i>FEBS Letters</i> , 1997, 411, 48-52.	1.3	39

#	ARTICLE	IF	CITATIONS
73	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.	0.5	39
74	MicroRNAs in breast cancer pathogenesis. <i>Minerva Ginecologica</i> , 2010, 62, 559-71.	0.8	35
75	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, 3789.	1.8	34
76	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.	1.4	33
77	MicroRNA-dependent targeting of the extracellular matrix as a mechanism of regulating cell behavior. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2609-2620.	1.1	33
78	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.	1.6	33
79	Increased Leukocyte-Endothelial Interactions in Syndecan-1 Deficient Mice Involve Heparan Sulfate Dependent and Independent Steps. <i>Current Eye Research</i> , 2005, 30, 417-422.	0.7	30
80	Involvement of Syndecan-1 and Heparanase in Cancer and Inflammation. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1221, 97-135.	0.8	30
81	Decorin Potentiates Interferon- β Activity in a Model of Allergic Inflammation. <i>Journal of Biological Chemistry</i> , 2013, 288, 12699-12711.	1.6	28
82	Syndecan-1 deficiency promotes tumor growth in a murine model of colitis-induced colon carcinoma. <i>PLoS ONE</i> , 2017, 12, e0174343.	1.1	28
83	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.	2.2	27
84	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, 2169.	1.8	26
85	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.	1.1	26
86	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.	1.6	26
87	Syndecan-4 as a Pathogenesis Factor and Therapeutic Target in Cancer. <i>Biomolecules</i> , 2021, 11, 503.	1.8	25
88	MDA-MB-231 breast cancer cell viability, motility and matrix adhesion are regulated by a complex interplay of heparan sulfate, chondroitin-6-sulfate/dermatan sulfate and hyaluronan biosynthesis. <i>Glycoconjugate Journal</i> , 2017, 34, 411-420.	1.4	24
89	Effects of black cohosh on estrogen biosynthesis in normal breast tissue in vitro. <i>Maturitas</i> , 2007, 57, 382-391.	1.0	23
90	Endocytosis of the dermatan sulfate proteoglycan decorin utilizes multiple pathways and is modulated by epidermal growth factor receptor signaling. <i>Biochimie</i> , 2007, 89, 637-657.	1.3	22

#	ARTICLE	IF	CITATIONS
91	Selective ETAR antagonist atrasentan inhibits hypoxia-induced breast cancer cell invasion. <i>Breast Cancer Research and Treatment</i> , 2008, 108, 175-182.	1.1	22
92	miR-142-3p is a novel regulator of cell viability and proinflammatory signalling in endometrial stroma cells. <i>Reproductive BioMedicine Online</i> , 2015, 30, 553-556.	1.1	22
93	The anti-androgen drug dutasteride renders triple negative breast cancer cells more sensitive to chemotherapy via inhibition of HIF-1 α /VEGF-signaling. <i>Gynecological Endocrinology</i> , 2015, 31, 160-164.	0.7	22
94	The endometrial stem cell markers notch-1 and numb are associated with endometriosis. <i>Reproductive BioMedicine Online</i> , 2018, 36, 294-301.	1.1	21
95	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.	1.9	21
96	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, 345-357.	1.1	20
97	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.	1.1	20
98	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, 1059.	1.8	20
99	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.	1.8	20
100	HS2ST1 α -dependent signaling pathways determine breast cancer cell viability, matrix interactions, and invasive behavior. <i>Cancer Science</i> , 2020, 111, 2907-2922.	1.7	19
101	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, 123, 581-600.	1.2	19
102	The Full Complement of Yeast Ypt/Rab-GTPases and Their Involvement in Exo- and Endocytic Trafficking. <i>Journal of Cell Biology</i> , 2000, 34, 133-173.		18
103	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.	2.3	18
104	Characterization of inflammatory breast cancer: a vibrational microspectroscopy and imaging approach at the cellular and tissue level. <i>Analyst</i> , 2018, 143, 6103-6112.	1.7	18
105	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, 2318.	1.7	17
106	Knockdown of the prognostic cancer stem cell marker Musashi-1 decreases radio-resistance while enhancing apoptosis in hormone receptor-positive breast cancer cells via p21WAF1/CIP1. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 3299-3312.	1.2	17
107	A novel large dermatan sulfate proteoglycan from human fibroblasts. <i>Journal of Biological Chemistry</i> , 1991, 266, 13224-13232.	1.6	17
108	Endocytosis of decorin by bovine aortic endothelial cells. <i>European Journal of Cell Biology</i> , 1995, 66, 226-33.	1.6	17

#	ARTICLE	IF	CITATIONS
109	Biglycan is internalized via a chlorpromazine-sensitive route. <i>Cellular and Molecular Biology Letters</i> , 2004, 9, 475-81.	2.7	17
110	Syndecan-1 modulates the invasive potential of endometrioma via TGF- β^2 signalling in a subgroup of women with endometriosis. <i>Human Reproduction</i> , 2020, 35, 2280-2293.	0.4	16
111	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.	1.3	16
112	Nanoencapsulated capsaicin changes migration behavior and morphology of madin darby canine kidney cell monolayers. <i>PLoS ONE</i> , 2017, 12, e0187497.	1.1	15
113	β -Secretase inhibition affects viability, apoptosis, and the stem cell phenotype of endometriotic cells. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2019, 98, 1565-1574.	1.3	15
114	A novel large dermatan sulfate proteoglycan from human fibroblasts. <i>Journal of Biological Chemistry</i> , 1991, 266, 13224-32.	1.6	15
115	Evaluation of placental syndecan-1 expression in early pregnancy as a predictive fetal factor for pregnancy outcome. <i>Prenatal Diagnosis</i> , 2012, 32, 131-137.	1.1	14
116	Importance of Transvaginal Ultrasound Applying Elastography for Identifying Deep Infiltrating Endometriosis – A Feasibility Study. <i>Ultraschall in Der Medizin</i> , 2014, 35, 561-565.	0.8	14
117	Syndecan-1 regulates dendritic cell migration in cutaneous hypersensitivity to haptens. <i>Experimental Dermatology</i> , 2017, 26, 1060-1067.	1.4	14
118	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.	1.3	14
119	Prognostic significance of hedgehog signaling network-related gene expression in breast cancer patients. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 577-597.	1.2	14
120	Dual Knockdown of Musashi RNA-Binding Proteins MSI-1 and MSI-2 Attenuates Putative Cancer Stem Cell Characteristics and Therapy Resistance in Ovarian Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11502.	1.8	14
121	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.	1.4	14
122	Impact of Musashi-1 and Musashi-2 Double Knockdown on Notch Signaling and the Pathogenesis of Endometriosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2851.	1.8	14
123	The natural antisense transcript HAS2-AS1 regulates breast cancer cells aggressiveness independently from hyaluronan metabolism. <i>Matrix Biology</i> , 2022, 109, 140-161.	1.5	14
124	Cell Adhesion in Cancer. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-1.	1.0	13
125	Syndecan-4 expression is upregulated in endometriosis and contributes to an invasive phenotype. <i>Fertility and Sterility</i> , 2016, 106, 378-385.	0.5	13
126	EGFR is a pivotal player of the E2/ER β^2 mediated functional properties, aggressiveness, and stemness in triple-negative breast cancer cells. <i>FEBS Journal</i> , 2022, 289, 1552-1574.	2.2	13

#	ARTICLE	IF	CITATIONS
127	Role of syndecan-3 polymorphisms in obesity and female hyperandrogenism. <i>Journal of Molecular Medicine</i> , 2009, 87, 1241-1250.	1.7	12
128	Impact of testosterone on the expression of organic anion transporting polypeptides (OATP-1A2,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> 376-384.	1.0	12
129	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.	1.2	12
130	The Role of microRNA Let-7d in Female Malignancies and Diseases of the Female Reproductive Tract. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7359.	1.8	12
131	In vitro modelling of the physiological and diseased female reproductive system. <i>Acta Biomaterialia</i> , 2021, 132, 288-312.	4.1	12
132	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, 363-374.	1.1	11
133	Endometrial Cells Get Side-Tracked. <i>American Journal of Pathology</i> , 2010, 176, 25-28.	1.9	11
134	RNA-Generated and Gene-Edited Induced Pluripotent Stem Cells for Disease Modeling and Therapy. <i>Journal of Cellular Physiology</i> , 2017, 232, 1262-1269.	2.0	11
135	Label-Free Quantitative In Vitro Live Cell Imaging with Digital Holographic Microscopy. <i>Bioanalytical Reviews</i> , 2019, , 219.	0.1	11
136	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.	1.2	11
137	mRNA-Expression of ER α , ER β , and PR in Clonal Stem Cell Cultures Obtained from Human Endometrial Biopsies. <i>Scientific World Journal, The</i> , 2011, 11, 1762-1769.	0.8	10
138	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.	2.0	10
139	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.	0.8	10
140	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.	0.8	10
141	Serglycin activates pro-tumorigenic signaling and controls glioblastoma cell stemness, differentiation and invasive potential. <i>Matrix Biology Plus</i> , 2020, 6-7, 100033.	1.9	10
142	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.	1.8	10
143	Differential effects of aromatase inhibitors and antiestrogens on estrogen receptor expression in breast cancer cells. <i>Anticancer Research</i> , 2009, 29, 2167-71.	0.5	10
144	Resveratrol impairs cellular mechanisms associated with the pathogenesis of endometriosis. <i>Reproductive BioMedicine Online</i> , 2022, 44, 976-990.	1.1	10

#	ARTICLE	IF	CITATIONS
145	MicroRNAs and the pathogenesis of endometriosis. <i>Journal of Endometriosis</i> , 2012, 4, 1-16.	1.0	9
146	Cellular Microenvironment in Human Pathologies. <i>BioMed Research International</i> , 2013, 2013, 1-2.	0.9	9
147	Infrared Microspectroscopy and Imaging Analysis of Inflammatory and Non-Inflammatory Breast Cancer Cells and Their GAG Secretome. <i>Molecules</i> , 2020, 25, 4300.	1.7	9
148	The heparan sulfate proteoglycan Syndecan-1 influences local bone cell communication via the RANKL/OPG axis. <i>Scientific Reports</i> , 2020, 10, 20510.	1.6	9
149	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.	1.9	9
150	The ellagic acid metabolites urolithin A and B differentially affect growth, adhesion, motility, and invasion of endometriotic cells <i>in vitro</i> . <i>Human Reproduction</i> , 2021, 36, 1501-1519.	0.4	9
151	The Cell Surface Heparan Sulfate Proteoglycan Syndecan-3 Promotes Ovarian Cancer Pathogenesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5793.	1.8	9
152	Expression of PRL-3 regulates proliferation and invasion of breast cancer cells <i>in vitro</i> . <i>Archives of Gynecology and Obstetrics</i> , 2017, 296, 1153-1160.	0.8	8
153	Physiological and anatomical aspects of the reproduction of mice with reduced Syndecan-1 expression. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 28.	1.4	8
154	miR-142-3p Reduces the Size, Migration, and Contractility of Endometrial and Endometriotic Stromal Cells by Targeting Integrin- and Rho GTPase-Related Pathways That Regulate Cytoskeletal Function. <i>Biomedicines</i> , 2020, 8, 291.	1.4	8
155	Integrating Microstructured Electrospun Scaffolds in an Open Microfluidic System for <i>in Vitro</i> Studies of Human Patient-Derived Primary Cells. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3649-3663.	2.6	8
156	Prognostic impact of the glypican family of heparan sulfate proteoglycans on the survival of breast cancer patients. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 1937-1955.	1.2	8
157	The ins and outs of yeast vacuole trafficking. <i>Protoplasma</i> , 1999, 209, 9-18.	1.0	7
158	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.	1.4	7
159	Effect of testosterone on E1S-sulfatase activity in non-malignant and cancerous breast cells <i>in vitro</i> . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009, 117, 168-175.	1.2	6
160	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, 207-221.	0.4	6
161	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.	0.6	6
162	Role of syndecan-1 in the interaction between dendritic cells and T cells. <i>PLoS ONE</i> , 2020, 15, e0230835.	1.1	6

#	ARTICLE	IF	CITATIONS
163	Knockdown of the stem cell marker Musashi-1 inhibits endometrial cancer growth and sensitizes cells to radiation. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	6
164	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.	0.8	5
165	Impact of Extracellular Matrix on Cellular Behavior: A Source of Molecular Targets in Disease. <i>BioMed Research International</i> , 2015, 2015, 1-2.	0.9	5
166	Heparanase Expression Is Associated With Cancer Stem Cell Features and Radioresistance in Hodgkinâ€™s Lymphoma Cells. <i>Anticancer Research</i> , 2021, 41, 3299-3308.	0.5	5
167	Syndecan-1 (CD138) as a Pathogenesis Factor and Therapeutic Target in Breast Cancer. <i>Current Medicinal Chemistry</i> , 2021, 28, 5066-5083.	1.2	5
168	Differential Impact of Membrane-Bound and Soluble Forms of the Prognostic Marker Syndecan-1 on the Invasiveness, Migration, Apoptosis, and Proliferation of Cervical Cancer Cells. <i>Frontiers in Oncology</i> , 2022, 12, 803899.	1.3	5
169	The heparan sulphate proteoglycan Syndecanâ€1 (<sc>CD138</sc>) regulates tumour progression in a 3D model of ductal carcinoma in situ of the breast. <i>IUBMB Life</i> , 2022, 74, 955-968.	1.5	5
170	miRNAs in the Era of Personalized Medicine: From Biomarkers to Therapeutics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8154.	1.8	4
171	The hyaluronan-related genes HAS2, HYAL1-4, PH20 and HYALP1 are associated with prognosis, cell viability and spheroid formation capacity in ovarian cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 3399-3419.	1.2	4
172	A Versatile Tool for Stable Inhibition of microRNA Activity. <i>Biology</i> , 2013, 2, 861-871.	1.3	3
173	The impact of testosterone, tibolone and black cohosh on purified mammary and placental 17Î²-hydroxysteroid dehydrogenase type 1. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 448-457.	2.5	3
174	Heterologous Expression of Syntaxin 6 in <i>Saccharomyces cerevisiae</i> . <i>Biological Research</i> , 2002, 35, 347-57.	1.5	3
175	Effects of hormone therapy on estrogen synthesis from E1S in the mammary gland of postmenopausal women. <i>Maturitas</i> , 2008, 59, 163-173.	1.0	2
176	Prospects and challenges of quantitative phase imaging in tumor cell biology. , 2016, , .		2
177	Screening for suppressors of temperature sensitivity in a yeast mutant defective in vacuolar protein degradation. <i>Genetics and Molecular Biology</i> , 2003, 26, 89-98.	0.6	1
178	Age-Related Molecular Polymorphism of the Heterodimeric Proteoglycan Bisdermican. <i>Scientific World Journal, The</i> , 2004, 4, 1017-1026.	0.8	1
179	Regulation of Proliferation and Invasion in Endometriosis. <i>ISGE Series</i> , 2019, , 167-175.	0.2	1
180	Role of Syndecan-1 in Cancer Stem Cells. <i>Biology of Extracellular Matrix</i> , 2021, , 279-308.	0.3	1

#	ARTICLE	IF	CITATIONS
181	Contribution of miR-218-dependent EGFR-signaling to the radiation response of breast cancer cells. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2014, 122, .	0.6	1
182	Heparan Sulfate Proteoglycans in Cancer Therapy. , 2011, , 139-158.		1
183	Syndecan-1 modulates IL-6- and beta-integrin- dependent functions in breast cancer cell adhesion and migration. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2013, 121, .	0.6	1
184	Transmembrane Protein TMEM230, a Target of Glioblastoma Therapy. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 703431.	1.8	1
185	Divide or unite“ a novel molecular switch in endometrial carcinoma. <i>Journal of Molecular Medicine</i> , 2006, 85, 1-3.	1.7	0
186	2030 POSTER Knockdown of the Apoptosis Related Protein Survivin Leads to an Increased Radiosensitivity of Ewing Sarcoma in Vitro. <i>European Journal of Cancer</i> , 2011, 47, S197.	1.3	0
187	Characteristics and Therapeutic Potential of Menstrual Blood-Derived Stem Cells. , 2015, , 55-70.		0
188	Establishment of a 3D co-culture model to investigate the role of primary fibroblasts in the development of an invasive phenotype of DCIS lesions. <i>Maturitas</i> , 2019, 128, 95.	1.0	0
189	58“..SYNDECAN-1 Inhibition reverses the pre-malignant phenotype of endometrioma through TGF-BETA signalling: potential implications in endometriosis associated ovarian cancer. , 2019, , .		0
190	Abstract PS19-07: Plasma exosomal miRNAs: A minimally invasive diagnostic biomarker for inflammatory breast carcinoma. , 2021, , .		0
191	Die Expression von Hedgehog-Signalweg assoziierten Genen beeinflusst die Prognose von Brustkrebspatientinnen. <i>Senologie - Zeitschrift f¼r Mammadiagnostik Und -therapie</i> , 2021, 18, .	0.0	0
192	Prognostische Bedeutung der Glypicane f¼r das berleben von Brustkrebs-Patientinnen. <i>Senologie - Zeitschrift f¼r Mammadiagnostik Und -therapie</i> , 2021, 18, .	0.0	0
193	Role of the heparan sulfate proteoglycan Syndecan-1 in the radiation resistance of triple-negative breast cancer. , 2021, 18, .		0
194	Effect of targeting of syndecan-1 by microRNA miR-10b on breast cancer cell motility and invasiveness via a rho-GTPase- and E-cadherin-dependent mechanism.. <i>Journal of Clinical Oncology</i> , 2012, 30, e21041-e21041.	0.8	0
195	Syndecan-1 (CD138) modulates breast cancer stem cell properties via regulation of IL-6-mediated STAT3 signaling. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2013, 121, .	0.6	0
196	Targeting of Syndecan-1 by microRNA miR-10b modulates invasiveness of endometriotic cells via dysregulation of IL-6 secretion and MAPK signaling. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2013, 121, .	0.6	0
197	Pharmacological interference with the stemness-associated Notch-signaling pathway exerts an antiproliferative effect on the endometriotic 12Z cell line. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2013, 121, .	0.6	0
198	Specific sulfation patterns in heparan sulfate promote a proinvasive phenotype of breast cancer cells via upregulation of Wnt and MAPK signaling. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2013, 121, .	0.6	0

#	ARTICLE	IF	CITATIONS
199	microRNA miR-142 - 3 p is a novel regulator of cell viability and proinflammatory signaling in endometrial stroma cells. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2013, 121, .	0.6	0
200	siRNA-mediated inhibition of the stemness-related Musashi pathway affects LIF receptor expression and prometastatic motility of human MDA-MB-231 breast cancer cells. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2014, 122, .	0.6	0
201	microRNA miR-200b differentially affects proliferation, invasiveness and stemness of endometriotic cells by targeting the transcription factors KLF4, ZEB1 and ZEB2. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2014, 122, .	0.6	0
202	Abstract LB-101: The antiandrogen drug dutasteride sensitizes triple negative breast cancer cells to chemotherapy via HIF-1 α / VEGF-signaling. , 2014, , .		0
203	Multi-Modal Quantitative Imaging of Genetically Modified Tumor Cells Utilizing Digital Holographic Microscopy. , 2016, , .		0
204	Nanocapsule induced morphology and migration changes in single cell layers quantified with digital holographic microscopy. , 2019, , .		0
205	Einfluss von Fibroblasten auf das DCIS im 3D Zellkulturmodell. <i>Senologie - Zeitschrift für Mammadiagnostik Und -therapie</i> , 2019, 16, .	0.0	0
206	Syndecan-1 (CD138) reguliert die Strahlenresistenz des tripel-negativen Mammakarzinoms in Abhängigkeit von CDK6 und FAK. <i>Senologie - Zeitschrift für Mammadiagnostik Und -therapie</i> , 2019, 16, .	0.0	0
207	The Regulatory Role of Syndecan-1 on Human MiR-222-3p Expression in Breast Cancer Cell Lines. <i>Egyptian Journal of Histology</i> , 2019, 42, 534-539.	0.0	0
208	Functional analysis of the histidine N-methyltransferase SETD3 in endometriosis. , 2020, 80, .		0
209	Role of syndecan-1 in the interaction between dendritic cells and T cells. , 2020, 15, e0230835.		0
210	Role of syndecan-1 in the interaction between dendritic cells and T cells. , 2020, 15, e0230835.		0
211	Role of syndecan-1 in the interaction between dendritic cells and T cells. , 2020, 15, e0230835.		0
212	Role of syndecan-1 in the interaction between dendritic cells and T cells. , 2020, 15, e0230835.		0