

# Olivier De Wever

## List of Publications by Year in descending order

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Version: 2024-02-01

205  
papers

25,058  
citations

26630

56  
h-index

7518

151  
g-index

209  
all docs

209  
docs citations

209  
times ranked

34336  
citing authors

#	ARTICLE	IF	CITATIONS
1	A two-front nutritional environment fuels colorectal cancer: perspectives for dietary intervention. Trends in Endocrinology and Metabolism, 2022, 33, 105-119.	7.1	6
2	Systemically circulating bacterial extracellular vesicles: origin, fate, and function. Trends in Microbiology, 2022, 30, 213-216.	7.7	18
3	Heterogeneity of CAFeinated Tumors: Sweet Targeting Perspectives. Cancer Research, 2022, 82, 537-538.	0.9	1
4	Epithelial to mesenchymal transition influences fibroblast phenotype in colorectal cancer by altering miRâ€200 levels in extracellular vesicles. Journal of Extracellular Vesicles, 2022, 11, .	12.2	18
5	Splenic Hematopoietic and Stromal Cells in Cancer Progression. Cancer Research, 2021, 81, 27-34.	0.9	19
6	Targeting <scp>USP13</scp>â€mediated drug tolerance increases the efficacy of <scp>EGFR</scp> inhibition of mutant <scp>EGFR</scp> in nonâ€small cell lung cancer. International Journal of Cancer, 2021, 148, 2579-2593.	5.1	15
7	Cytosolic delivery of gadolinium <i>via</i> photoporation enables improved <i>in vivo</i> magnetic resonance imaging of cancer cells. Biomaterials Science, 2021, 9, 4005-4018.	5.4	6
8	Recombinant extracellular vesicles as biological reference material for method development, data normalization and assessment of (pre-)analytical variables. Nature Protocols, 2021, 16, 603-633.	12.0	23
9	Single-cell profiling of myeloid cells in glioblastoma across species and disease stage reveals macrophage competition and specialization. Nature Neuroscience, 2021, 24, 595-610.	14.8	288
10	OMO-1 reduces progression and enhances cisplatin efficacy in a 4T1-based non-c-MET addicted intraductal mouse model for triple-negative breast cancer. Npj Breast Cancer, 2021, 7, 27.	5.2	4
11	Delivery routes matter: Safety and efficacy of intratumoral immunotherapy. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1875, 188526.	7.4	30
12	In Vitro and In Situ Activity-Based Labeling of Fibroblast Activation Protein with UAMC1110-Derived Probes. Frontiers in Chemistry, 2021, 9, 640566.	3.6	6
13	Metastasis-suppressor NME1 controls the invasive switch of breast cancer by regulating MT1-MMP surface clearance. Oncogene, 2021, 40, 4019-4032.	5.9	19
14	Robust sequential biophysical fractionation of blood plasma to study variations in the biomolecular landscape of systemically circulating extracellular vesicles across clinical conditions. Journal of Extracellular Vesicles, 2021, 10, e12122.	12.2	37
15	Single-event tandem ICP-mass spectrometry for the quantification of chemotherapeutic drug-derived Pt and endogenous elements in individual human cells. Analytica Chimica Acta, 2021, 1177, 338797.	5.4	14
16	Marine Seagrass Extract of Thalassia testudinum Suppresses Colorectal Tumor Growth, Motility and Angiogenesis by Autophagic Stress and Immunogenic Cell Death Pathways. Marine Drugs, 2021, 19, 52.	4.6	13
17	A Systematic Review on Extracellular Vesicles-Enriched Fat Grafting: A Shifting Paradigm. Aesthetic Surgery Journal, 2021, 41, NP1695-NP1705.	1.6	6
18	The mitochondrially-localized nucleoside diphosphate kinase D (NME4) is a novel metastasis suppressor. BMC Biology, 2021, 19, 228.	3.8	21

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19	MISpherID: a knowledgebase and transparency tool for minimum information in spheroid identity. <i>Nature Methods</i> , 2021, 18, 1294-1303.	19.0	38
20	Increased levels of systemic LPS-positive bacterial extracellular vesicles in patients with intestinal barrier dysfunction. <i>Gut</i> , 2020, 69, 191-193.	12.1	171
21	Anti-angiogenic effects of mangiferin and mechanism of action in metastatic melanoma. <i>Melanoma Research</i> , 2020, 30, 39-51.	1.2	23
22	Analyzing bacterial extracellular vesicles in human body fluids by orthogonal biophysical separation and biochemical characterization. <i>Nature Protocols</i> , 2020, 15, 40-67.	12.0	130
23	Splenic 18F-FDG uptake on baseline PET/CT is associated with oncological outcomes and tumor immune state in uterine cervical cancer. <i>Gynecologic Oncology</i> , 2020, 159, 335-343.	1.4	10
24	Preparation of Multi-omics Grade Extracellular Vesicles by Density-Based Fractionation of Urine. <i>STAR Protocols</i> , 2020, 1, 100073.	1.2	18
25	Chitosan/ $\beta$ -PGA nanoparticles-based immunotherapy as adjuvant to radiotherapy in breast cancer. <i>Biomaterials</i> , 2020, 257, 120218.	11.4	60
26	Feasibility of Mechanical Extrusion to Coat Nanoparticles with Extracellular Vesicle Membranes. <i>Cells</i> , 2020, 9, 1797.	4.1	32
27	Unravelling the proteomic landscape of extracellular vesicles in prostate cancer by density-based fractionation of urine. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1736935.	12.2	101
28	Targeting the Tumor Microenvironment in Colorectal Peritoneal Metastases. <i>Trends in Cancer</i> , 2020, 6, 236-246.	7.4	58
29	The ETS transcription factor ETV5 is a target of activated ALK in neuroblastoma contributing to increased tumour aggressiveness. <i>Scientific Reports</i> , 2020, 10, 218.	3.3	20
30	MIFlowCyt $\Delta$ EV: a framework for standardized reporting of extracellular vesicle flow cytometry experiments. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1713526.	12.2	243
31	Establishment and characterization of a cell line and patient-derived xenograft (PDX) from peritoneal metastasis of low-grade serous ovarian carcinoma. <i>Scientific Reports</i> , 2020, 10, 6688.	3.3	14
32	In vivo selection of the MDA-MB-231br/eGFP cancer cell line to obtain a clinically relevant rat model for triple negative breast cancer brain metastasis. <i>PLoS ONE</i> , 2020, 15, e0243156.	2.5	5
33	Cell Line Derived Xenograft Mouse Models Are a Suitable in vivo Model for Studying Tumor Budding in Colorectal Cancer. <i>Frontiers in Medicine</i> , 2019, 6, 139.	2.6	24
34	The generation and use of recombinant extracellular vesicles as biological reference material. <i>Nature Communications</i> , 2019, 10, 3288.	12.8	96
35	Laser ablation-tandem ICP-mass spectrometry (LA-ICP-MS/MS) imaging of iron oxide nanoparticles in Ca-rich gelatin microspheres. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1846-1855.	3.0	11
36	Preclinical evaluation of local prolonged release of paclitaxel from gelatin microspheres for the prevention of recurrence of peritoneal carcinomatosis in advanced ovarian cancer. <i>Scientific Reports</i> , 2019, 9, 14881.	3.3	25

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37	Fibroblasts Fuel Immune Escape in the Tumor Microenvironment. Trends in Cancer, 2019, 5, 704-723.	7.4	107
38	Synthesis of Indoline-Based Benzhydroxamic Acids as Potential HDAC6 Inhibitors. ChemistrySelect, 2019, 4, 12308-12312.	1.5	1
39	Sonoprinting liposomes on tumor spheroids by microbubbles and ultrasound. Journal of Controlled Release, 2019, 316, 79-92.	9.9	32
40	Adjuvant therapeutic potential of tonabersat in the standard treatment of glioblastoma: A preclinical F98 glioblastoma rat model study. PLoS ONE, 2019, 14, e0224130.	2.5	16
41	Cell surface clicking of antibody-recruiting polymers to metabolically azide-labeled cancer cells. Chemical Communications, 2019, 55, 10952-10955.	4.1	24
42	Cellular and sub-cellular Cu isotope fractionation in the human neuroblastoma SH-SY5Y cell line: proliferating versus neuron-like cells. Analytical and Bioanalytical Chemistry, 2019, 411, 4963-4971.	3.7	18
43	A supporting ecosystem to mature extracellular vesicles into clinical application. EMBO Journal, 2019, 38, .	7.8	32
44	A 3D CFD model of the interstitial fluid pressure and drug distribution in heterogeneous tumor nodules during intraperitoneal chemotherapy. Drug Delivery, 2019, 26, 404-415.	5.7	35
45	Selective pharmacological inhibitors of HDAC6 reveal biochemical activity but functional tolerance in cancer models. International Journal of Cancer, 2019, 145, 735-747.	5.1	60
46	Comparative Profiling of Metastatic 4T1- vs. Non-metastatic Py230-Based Mammary Tumors in an Intraductal Model for Triple-Negative Breast Cancer. Frontiers in Immunology, 2019, 10, 2928.	4.8	25
47	ALK positively regulates MYCN activity through repression of HBP1 expression. Oncogene, 2019, 38, 2690-2705.	5.9	17
48	Stromal integrin $\alpha 11$ regulates PDGFR $\beta$ signaling and promotes breast cancer progression. Journal of Clinical Investigation, 2019, 129, 4609-4628.	8.2	102
49	Unveiling a CD70-positive subset of cancer-associated fibroblasts marked by pro-migratory activity and thriving regulatory T cell accumulation. Oncoimmunology, 2018, 7, e1440167.	4.6	33
50	Urinary extracellular vesicle biomarkers in urological cancers: From discovery towards clinical implementation. International Journal of Biochemistry and Cell Biology, 2018, 99, 236-256.	2.8	48
51	Some diffuse large B cell lymphomas (DLBCLs) present with clone-dependent TTF-1 positivity. Histopathology, 2018, 72, 1228-1230.	2.9	3
52	Heterocellular 3D scaffolds as biomimetic to recapitulate the tumor microenvironment of peritoneal metastases in vitro and in vivo. Biomaterials, 2018, 158, 95-105.	11.4	34
53	Glucocorticoids indirectly decrease colon cancer cell proliferation and invasion via effects on cancer-associated fibroblasts. Experimental Cell Research, 2018, 362, 332-342.	2.6	13
54	Radiotherapy-Activated Cancer-Associated Fibroblasts Promote Tumor Progression through Paracrine IGF1R Activation. Cancer Research, 2018, 78, 659-670.	0.9	107

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55	Intravasation of SW620 colon cancer cell spheroids through the blood endothelial barrier is inhibited by clinical drugs and flavonoids in vitro. Food and Chemical Toxicology, 2018, 111, 114-124.	3.6	18
56	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. Journal of Extracellular Vesicles, 2018, 7, 1535750.	12.2	6,961
57	Impact of the Microenvironment on Tumour Budding in Colorectal Cancer. Advances in Experimental Medicine and Biology, 2018, 1110, 101-111.	1.6	6
58	Species-dependent extracranial manifestations of a brain seeking breast cancer cell line. PLoS ONE, 2018, 13, e0208340.	2.5	7
59	Transparent reporting of experimental parameters in assays measuring phenotypic steps in metastasis. Clinical and Experimental Metastasis, 2018, 35, 715-725.	3.3	3
60	Assessment of the trifluoromethyl ketone functionality as an alternative zinc-binding group for selective HDAC6 inhibition. MedChemComm, 2018, 9, 1011-1016.	3.4	4
61	Synthesis of C-ring-modified blebbistatin derivatives and evaluation of their myosin II ATPase inhibitory potency. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2261-2264.	2.2	8
62	Children's screen time alters the expression of saliva extracellular miR-222 and miR-146a. Scientific Reports, 2018, 8, 8209.	3.3	6
63	Localization and Expression of Nuclear Factor of Activated T-Cells 5 in Myoblasts Exposed to Pro-inflammatory Cytokines or Hyperosmolar Stress and in Biopsies from Myositis Patients. Frontiers in Physiology, 2018, 9, 126.	2.8	14
64	Hypoxia imaging with 18F-FAZA PET/CT predicts radiotherapy response in esophageal adenocarcinoma xenografts. Radiation Oncology, 2018, 13, 39.	2.7	22
65	Anti-inflammatory signaling by mammary tumor cells mediates prometastatic macrophage polarization in an innovative intraductal mouse model for triple-negative breast cancer. Journal of Experimental and Clinical Cancer Research, 2018, 37, 191.	8.6	50
66	Laminin $\beta$ 1 orchestrates VEGFA functions in the ecosystem of colorectal carcinoma. Biology of the Cell, 2018, 110, 178-195.	2.0	16
67	EV-TRACK: transparent reporting and centralizing knowledge in extracellular vesicle research. Nature Methods, 2017, 14, 228-232.	19.0	886
68	Discovery of (S)-3-hydroxyblebbistatin and (S)-3-aminoblebbistatin: polar myosin II inhibitors with superior research tool properties. Organic and Biomolecular Chemistry, 2017, 15, 2104-2118.	2.8	22
69	Mathematical modeling of intraperitoneal drug delivery: simulation of drug distribution in a single tumor nodule. Drug Delivery, 2017, 24, 491-501.	5.7	64
70	Methodological Guidelines to Study Extracellular Vesicles. Circulation Research, 2017, 120, 1632-1648.	4.5	728
71	Polyelectrolyte-Enrobed Cancer Cells in View of Personalized Immune Therapy. Advanced Science, 2017, 4, 1700050.	11.2	18
72	Cancer Cell Lysate Entrapment in CaCO3 Engineered with Polymeric TLR-Agonists: Immune-Modulating Microparticles in View of Personalized Antitumor Vaccination. Chemistry of Materials, 2017, 29, 4209-4217.	6.7	30

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73	Confounding factors of ultrafiltration and protein analysis in extracellular vesicle research. Scientific Reports, 2017, 7, 2704.	3.3	181
74	Tumour tissue transport after intraperitoneal anticancer drug delivery. International Journal of Hyperthermia, 2017, 33, 534-542.	2.5	25
75	ADAM-17/FHL2 colocalisation suggests interaction and role of these proteins in colorectal cancer. Tumor Biology, 2017, 39, 101042831769502.	1.8	4
76	Developments and future clinical outlook of taxane nanomedicines. Journal of Controlled Release, 2017, 253, 137-152.	9.9	34
77	Improved xenograft efficiency of esophageal adenocarcinoma cell lines through in vivo selection. Oncology Reports, 2017, 38, 71-81.	2.6	3
78	The transcriptome of lung tumor-infiltrating dendritic cells reveals a tumor-supporting phenotype and a microRNA signature with negative impact on clinical outcome. OncoImmunology, 2017, 6, e1253655.	4.6	50
79	Exosomal microRNAs derived from colorectal cancer-associated fibroblasts: role in driving cancer progression. Aging, 2017, 9, 2666-2694.	3.1	112
80	Abstract LB-107: EV-TRACK: transparent reporting and centralizing knowledge of extracellular vesicles to support the validation of extracellular vesicle biomarkers in cancer research. Cancer Research, 2017, 77, LB-107-LB-107.	0.9	4
81	Secretome analysis of breast cancer-associated adipose tissue to identify paracrine regulators of breast cancer growth. Oncotarget, 2017, 8, 47239-47249.	1.8	13
82	When Neighbors Talk: Colon Cancer Cell Invasion and Tumor Microenvironment Myofibroblasts. Current Drug Targets, 2017, 18, 964-982.	2.1	6
83	Abstract 5907: Radiotherapy-induced damage to cancer-associated fibroblasts and its reciprocal influence on cancer progression: Impact of soluble factors. , 2017, , .		0
84	Recent exposure to ultrafine particles in school children alters miR-222 expression in the extracellular fraction of saliva. Environmental Health, 2016, 15, 80.	4.0	28
85	Genipin-crosslinked gelatin microspheres as a strategy to prevent postsurgical peritoneal adhesions: InÂvitro and inÂvivo characterization. Biomaterials, 2016, 96, 33-46.	11.4	117
86	SMARCAD1 knockdown uncovers its role in breast cancer cell migration, invasion, and metastasis. Expert Opinion on Therapeutic Targets, 2016, 20, 1035-1043.	3.4	18
87	Nanoscope tumor tissue distribution of platinum after intraperitoneal administration in a xenograft model of ovarian cancer. Journal of Pharmaceutical and Biomedical Analysis, 2016, 131, 256-262.	2.8	26
88	Comparison of the Adipose and Luminal Mammary Gland Compartment as Orthotopic Inoculation Sites in a 4T1-Based Immunocompetent Preclinical Model for Triple-Negative Breast Cancer. Journal of Mammary Gland Biology and Neoplasia, 2016, 21, 113-122.	2.7	10
89	Histone deacetylase inhibitors induce invasion of human melanoma cells in vitro via differential regulation of N-cadherin expression and RhoA activity. BMC Cancer, 2016, 16, 667.	2.6	16
90	Quantitative evaluation of single cell spread on collagen matrices. Experimental Cell Research, 2016, 349, 168-178.	2.6	0

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91	Data on in vivo selection of SK-OV-3 Luc ovarian cancer cells and intraperitoneal tumor formation with low inoculation numbers. Data in Brief, 2016, 6, 542-549.	1.0	20
92	Function of extracellular vesicle-associated miRNAs in metastasis. Cell and Tissue Research, 2016, 365, 621-641.	2.9	41
93	APOBEC3G Expression Correlates with T-Cell Infiltration and Improved Clinical Outcomes in High-grade Serous Ovarian Carcinoma. Clinical Cancer Research, 2016, 22, 4746-4755.	7.0	59
94	Transiently Responsive Block Copolymer Micelles Based on <i>N</i> -(2-Hydroxypropyl)methacrylamide Engineered with Hydrolyzable Ethylcarbonate Side Chains. Biomacromolecules, 2016, 17, 119-127.	5.4	20
95	FHL2: a scaffold protein of carcinogenesis, tumour-stroma interactions and treatment response. Histology and Histopathology, 2016, 31, 469-78.	0.7	18
96	Age and cellular context influence rectal prolapse formation in mice with caecal wall colorectal cancer xenografts. Oncotarget, 2016, 7, 75603-75615.	1.8	6
97	Identification of a novel HER3 activating mutation homologous to EGFR-L858R in lung cancer. Oncotarget, 2016, 7, 3068-3083.	1.8	19
98	Abstract A091: Specific myelomonocytic cells heavily infiltrate orthotopic lung tumors and display a hypoxia-driven miRNA expression signature that directs tumor-supporting functions and negatively impacts on clinical outcome. , 2016, , .		1
99	Quantitative and Functional Requirements for Bioluminescent Cancer Models. In Vivo, 2016, 30, 1-11.	1.3	4
100	Biological properties of extracellular vesicles and their physiological functions. Journal of Extracellular Vesicles, 2015, 4, 27066.	12.2	3,973
101	Chick Heart Invasion Assay for Testing the Invasiveness of Cancer Cells and the Activity of Potentially Anti-invasive Compounds. Journal of Visualized Experiments, 2015, , e52792.	0.3	2
102	Pretreatment with VEGF(R)-inhibitors reduces interstitial fluid pressure, increases intraperitoneal chemotherapy drug penetration, and impedes tumor growth in a mouse colorectal carcinomatosis model. Oncotarget, 2015, 6, 29889-29900.	1.8	46
103	Cancer-Associated Fibroblasts Connect Metastasis-Promoting Communication in Colorectal Cancer. Frontiers in Oncology, 2015, 5, 63.	2.8	158
104	Impact of neoadjuvant therapy on cancer-associated fibroblasts in rectal cancer. Radiotherapy and Oncology, 2015, 116, 449-454.	0.6	33
105	Crosstalk between the microbiome and cancer cells by quorum sensing peptides. Peptides, 2015, 64, 40-48.	2.4	98
106	An open data ecosystem for cell migration research. Trends in Cell Biology, 2015, 25, 55-58.	7.9	26
107	The stromal cell-surface protease fibroblast activation protein-1 localizes to lipid rafts and is recruited to invadopodia. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 2515-2525.	4.1	20
108	When fat becomes an ally of the enemy: adipose tissue as collaborator in human breast cancer. Hormone Molecular Biology and Clinical Investigation, 2015, 23, 21-38.	0.7	8



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109	The Quorum Sensing Peptides PhrG, CSP and EDF Promote Angiogenesis and Invasion of Breast Cancer Cells In Vitro. PLoS ONE, 2015, 10, e0119471.	2.5	77
110	Tumor-environment biomimetics delay peritoneal metastasis formation by deceiving and redirecting disseminated cancer cells. Biomaterials, 2015, 54, 148-157.	11.4	34
111	Fibroblast-induced matrix remodeling paves the path for invasion. Cell Cycle, 2015, 14, 793-794.	2.6	1
112	Cancer-associated fibroblasts as target and tool in cancer therapeutics and diagnostics. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2015, 467, 367-382.	2.8	37
113	Combined inhibition of rho-associated protein kinase and EGFR suppresses the invasive phenotype in EGFR-dependent lung cancer cells. Lung Cancer, 2015, 90, 167-174.	2.0	10
114	Combined targeting of EGFR/HER promotes anti-tumor efficacy in subsets of KRAS mutant lung cancer resistant to single EGFR blockade. Oncotarget, 2015, 6, 20132-20144.	1.8	8
115	Radiation-induced lung damage promotes breast cancer lung-metastasis through CXCR4 signaling. Oncotarget, 2015, 6, 26615-26632.	1.8	39
116	Abstract B78: Bone marrow-derived mesenchymal stem cells promote colorectal cancer progression through paracrine neuregulin 1/HER3 signaling. , 2015, , .		0
117	Dissemination and adhesion of peritoneal cancer cells to the peritoneal wall. , 2015, , 71-82.		0
118	Single Cell and Spheroid Collagen Type I Invasion Assay. Methods in Molecular Biology, 2014, 1070, 13-35.	0.9	13
119	Bone marrow stromal cellâ€derived exosomes as communicators in drug resistance in multiple myeloma cells. Blood, 2014, 124, 555-566.	1.4	371
120	Mesenchymal stem cell secreted platelet derived growth factor exerts a pro-migratory effect on resident Cardiac Atrial appendage Stem Cells. Journal of Molecular and Cellular Cardiology, 2014, 66, 177-188.	1.9	42
121	Cancer-Associated Adipose Tissue Promotes Breast Cancer Progression by Paracrine Oncostatin M and Jak/STAT3 Signaling. Cancer Research, 2014, 74, 6806-6819.	0.9	105
122	Bioâ€Hybrid Tumor Cellâ€Templated Capsules: A Generic Formulation Strategy for Tumor Associated Antigens in View of Immune Therapy. Advanced Functional Materials, 2014, 24, 7139-7150.	14.9	10
123	Histopathological characterization of ductal carcinoma in situ (DCIS) of the breast according to HER2 amplification status and molecular subtype. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2014, 465, 275-289.	2.8	33
124	Carcinoma-associated fibroblasts provide operational flexibility in metastasis. Seminars in Cancer Biology, 2014, 25, 33-46.	9.6	111
125	The impact of disparate isolation methods for extracellular vesicles on downstream RNA profiling. Journal of Extracellular Vesicles, 2014, 3, .	12.2	725
126	Expression profiling of migrated and invaded breast cancer cells predicts early metastatic relapse and reveals KrÃ¼ppel-like factor 9 as a potential suppressor of invasive growth in breast cancer. Oncoscience, 2014, 1, 69-81.	2.2	24



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127	Differential regulation of extracellular matrix protein expression in carcinoma-associated fibroblasts by TGF- $\beta$ 1 regulates cancer cell spreading but not adhesion. <i>Oncoscience</i> , 2014, 1, 634-648.	2.2	40
128	KrÄppel-like factors in cancer progression: three fingers on the steering wheel. <i>Oncotarget</i> , 2014, 5, 29-48.	1.8	58
129	Activation of EGFR, HER2 and HER3 by neurotensin/neurotensin receptor 1 renders breast tumors aggressive yet highly responsive to lapatinib and metformin in mice. <i>Oncotarget</i> , 2014, 5, 8235-8251.	1.8	35
130	Modifications of Cell Signalling and Redox Balance by Targeting Protein Acetylation Using Natural and Engineered Molecules: Implications in Cancer Therapy. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 2495-2507.	2.1	8
131	Tunable self-assembled nanogels composed of well-defined thermoresponsive hyaluronic acidâ€“polymer conjugates. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3883.	5.8	31
132	A nanobody targeting the F-actin capping protein CapG restrains breast cancer metastasis. <i>Breast Cancer Research</i> , 2013, 15, R116.	5.0	91
133	Differential secretome analysis of cancerâ€“associated fibroblasts and bone marrowâ€“derived precursors to identify microenvironmental regulators of colon cancer progression. <i>Proteomics</i> , 2013, 13, 379-388.	2.2	85
134	Tenascin-C Downregulates Wnt Inhibitor Dickkopf-1, Promoting Tumorigenesis in a Neuroendocrine Tumor Model. <i>Cell Reports</i> , 2013, 5, 482-492.	6.4	100
135	Bone marrow-derived mesenchymal stem cells promote colorectal cancer progression through paracrine neuregulin 1/HER3 signalling. <i>Gut</i> , 2013, 62, 550-560.	12.1	155
136	Targeted Liposomeâ€“Loaded Microbubbles for Cellâ€“Specific Ultrasoundâ€“Triggered Drug Delivery. <i>Small</i> , 2013, 9, 4027-4035.	10.0	38
137	Radiation-induced myosin IIA expression stimulates collagen type I matrix reorganization. <i>Radiotherapy and Oncology</i> , 2013, 108, 162-167.	0.6	7
138	Rab27 GTPases Distribute Extracellular Nanomaps for Invasive Growth and Metastasis: Implications for Prognosis and Treatment. <i>International Journal of Molecular Sciences</i> , 2013, 14, 9883-9892.	4.1	32
139	Stromal architecture and periductal decorin are potential prognostic markers for ipsilateral locoregional recurrence in ductal carcinoma <i>in situ</i> of the breast. <i>Histopathology</i> , 2013, 63, 520-533.	2.9	30
140	Vacuolar H <sup>+</sup> ATPase expression and activity is required for Rab27Bâ€“dependent invasive growth and metastasis of breast cancer. <i>International Journal of Cancer</i> , 2013, 133, 843-854.	5.1	50
141	The <em>in ovo</em> CAM-assay as a Xenograft Model for Sarcoma. <i>Journal of Visualized Experiments</i> , 2013, , e50522.	0.3	43
142	miR-145 overexpression suppresses the migration and invasion of metastatic melanoma cells. <i>International Journal of Oncology</i> , 2013, 42, 1443-1451.	3.3	76
143	Fronodoside A Suppressive Effects on Lung Cancer Survival, Tumor Growth, Angiogenesis, Invasion, and Metastasis. <i>PLoS ONE</i> , 2013, 8, e53087.	2.5	62
144	Investigation of a possible link between epithelial four-and-a-half LIM domains protein 2 expression and prognosis in colorectal cancer.. <i>Journal of Clinical Oncology</i> , 2013, 31, 401-401.	1.6	0

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145	Bone Marrow Stromal Cell-Derived Exosomes Facilitate Multiple Myeloma Cell Survival Through Inhibition Of The JNK Pathway. <i>Blood</i> , 2013, 122, 679-679.	1.4	0
146	Identification of a $G_{12/13}$ , AKT and PKC $\delta$ signalome associated with invasive growth in two genetic models of human breast cancer cell epithelial-to-mesenchymal transition. <i>International Journal of Oncology</i> , 2012, 41, 189-200.	3.3	11
147	Engineered (hep/pARG) $\chi^2$ polyelectrolyte capsules for sustained release of bioactive TGF- $\beta^1$ . <i>Soft Matter</i> , 2012, 8, 1146-1154.	2.7	23
148	Recent Developments in Myofibroblast Biology. <i>American Journal of Pathology</i> , 2012, 180, 1340-1355.	3.8	1,043
149	An immunohistochemical analysis of Rab27B distribution in fetal and adult tissue. <i>International Journal of Developmental Biology</i> , 2012, 56, 363-368.	0.6	6
150	Tumor grafts derived from sarcoma patients retain tumor morphology, viability, and invasion potential and indicate disease outcomes in the chick chorioallantoic membrane model. <i>Cancer Letters</i> , 2012, 326, 69-78.	7.2	44
151	Engineered 3D microporous gelatin scaffolds to study cell migration. <i>Chemical Communications</i> , 2012, 48, 3512.	4.1	20
152	Comparative Analysis of Dynamic Cell Viability, Migration and Invasion Assessments by Novel Real-Time Technology and Classic Endpoint Assays. <i>PLoS ONE</i> , 2012, 7, e46536.	2.5	229
153	Abstract 4300: Comparative assessment of cell viability and motility kinetics by novel real-time technology and classic endpoint assays. , 2012, , .		2
154	Abstract 4319: Gene expression profiling of isolated small migratory and invasive breast cancer cells at different times during chemotaxis. , 2012, , .		0
155	The tumor ecosystem regulates the roads for invasion and metastasis. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2011, 35, 714-719.	1.5	12
156	The Role of Myofibroblasts in Communicating Tumor Ecosystems. , 2011, , 75-89.		0
157	The role of non-muscle myosin IIA in aggregation and invasion of human MCF-7 breast cancer cells. <i>International Journal of Developmental Biology</i> , 2011, 55, 835-840.	0.6	85
158	Priming and potentiation of DNA damage response by fibronectin in human colon cancer cells and tumor-derived myofibroblasts. <i>International Journal of Oncology</i> , 2011, 39, 393-400.	3.3	10
159	CCN5, a Novel Transcriptional Repressor of the Transforming Growth Factor $\beta^2$ Signaling Pathway. <i>Molecular and Cellular Biology</i> , 2011, 31, 1459-1469.	2.3	74
160	Use of Tamoxifen Before and During Pregnancy. <i>Oncologist</i> , 2011, 16, 1547-1551.	3.7	124
161	Role of the Focal Adhesion Protein Kindlin-1 in Breast Cancer Growth and Lung Metastasis. <i>Journal of the National Cancer Institute</i> , 2011, 103, 1323-1337.	6.3	69
162	Signaling networks in cancer - an interview with Christian Gerspach. <i>International Journal of Developmental Biology</i> , 2011, 55, 713-718.	0.6	0

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