

Rolf A Brekken

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.

235
papers

15,166
citations

64
h-index

117
g-index

254
ext. papers

17,510
ext. citations

8.5
avg, IF

6.48
L-index

#	Paper	IF	Citations
235	Matrix metalloproteinase-9 triggers the angiogenic switch during carcinogenesis. <i>Nature Cell Biology</i> , 2000 , 2, 737-44	23.4	2191
234	Hypoxia-inducible factor 1alpha induces fibrosis and insulin resistance in white adipose tissue. <i>Molecular and Cellular Biology</i> , 2009 , 29, 4467-83	4.8	578
233	SPARC, a matricellular protein: at the crossroads of cell-matrix communication. <i>Matrix Biology</i> , 2001 , 19, 816-27	11.4	417
232	Phosphatidylserine is a global immunosuppressive signal in efferocytosis, infectious disease, and cancer. <i>Cell Death and Differentiation</i> , 2016 , 23, 962-78	12.7	328
231	Role of VEGF-A in vascularization of pancreatic islets. <i>Current Biology</i> , 2003 , 13, 1070-4	6.3	320
230	Soluble Eph A receptors inhibit tumor angiogenesis and progression in vivo. <i>Oncogene</i> , 2002 , 21, 7011-26	6.2	289
229	Alternatively spliced vascular endothelial growth factor receptor-2 is an essential endogenous inhibitor of lymphatic vessel growth. <i>Nature Medicine</i> , 2009 , 15, 1023-30	50.5	286
228	Dichotomous effects of VEGF-A on adipose tissue dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 5874-9	11.5	273
227	SPARC, a matricellular protein: at the crossroads of cell-matrix. <i>Matrix Biology</i> , 2000 , 19, 569-80	11.4	249
226	27-Hydroxycholesterol promotes cell-autonomous, ER-positive breast cancer growth. <i>Cell Reports</i> , 2013 , 5, 637-45	10.6	230
225	Monitoring response to anticancer therapy by targeting microbubbles to tumor vasculature. <i>Clinical Cancer Research</i> , 2007 , 13, 323-30	12.9	228
224	Angiogenic role of LYVE-1-positive macrophages in adipose tissue. <i>Circulation Research</i> , 2007 , 100, e47-51	5.7	199
223	A small molecule modulates Jumonji histone demethylase activity and selectively inhibits cancer growth. <i>Nature Communications</i> , 2013 , 4, 2035	17.4	197
222	A peptoid "antibody surrogate" that antagonizes VEGF receptor 2 activity. <i>Journal of the American Chemical Society</i> , 2008 , 130, 5744-52	16.4	196
221	Non-nuclear estrogen receptor alpha signaling promotes cardiovascular protection but not uterine or breast cancer growth in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 2319-30	15.9	194
220	Pancreatic cancer stroma: an update on therapeutic targeting strategies. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020 , 17, 487-505	24.2	177
219	Oncogene mutations, copy number gains and mutant allele specific imbalance (MASI) frequently occur together in tumor cells. <i>PLoS ONE</i> , 2009 , 4, e7464	3.7	172

218	Vascular endothelial growth factor promotes fibrosis resolution and repair in mice. <i>Gastroenterology</i> , 2014 , 146, 1339-50.e1	13.3	160
217	Molecular consequences of silencing mutant K-ras in pancreatic cancer cells: justification for K-ras-directed therapy. <i>Molecular Cancer Research</i> , 2005 , 3, 413-23	6.6	160
216	TBK1 directly engages Akt/PKB survival signaling to support oncogenic transformation. <i>Molecular Cell</i> , 2011 , 41, 458-70	17.6	158
215	Enhanced growth of tumors in SPARC null mice is associated with changes in the ECM. <i>Journal of Clinical Investigation</i> , 2003 , 111, 487-95	15.9	158
214	Vascular endothelial growth factor receptor 2 mediates macrophage infiltration into orthotopic pancreatic tumors in mice. <i>Cancer Research</i> , 2008 , 68, 4340-6	10.1	154
213	Macrophage-derived SPARC bridges tumor cell-extracellular matrix interactions toward metastasis. <i>Cancer Research</i> , 2008 , 68, 9050-9	10.1	146
212	Tumor VEGF:VEGFR2 autocrine feed-forward loop triggers angiogenesis in lung cancer. <i>Journal of Clinical Investigation</i> , 2013 , 123, 1732-40	15.9	142
211	Cytokine levels correlate with immune cell infiltration after anti-VEGF therapy in preclinical mouse models of breast cancer. <i>PLoS ONE</i> , 2009 , 4, e7669	3.7	138
210	Enhanced expression of SPARC/osteonectin in the tumor-associated stroma of non-small cell lung cancer is correlated with markers of hypoxia/acidity and with poor prognosis of patients. <i>Cancer Research</i> , 2003 , 63, 5376-80	10.1	135
209	Systematic identification of molecular subtype-selective vulnerabilities in non-small-cell lung cancer. <i>Cell</i> , 2013 , 155, 552-66	56.2	129
208	Inhibition of vascular endothelial growth factor reduces angiogenesis and modulates immune cell infiltration of orthotopic breast cancer xenografts. <i>Molecular Cancer Therapeutics</i> , 2009 , 8, 1761-71	6.1	127
207	Exploration of Nanoparticle-Mediated Photothermal Effect of TMB-HO Colorimetric System and Its Application in a Visual Quantitative Photothermal Immunoassay. <i>Analytical Chemistry</i> , 2018 , 90, 5930-5937	7.8	124
206	SPARC: a matricellular regulator of tumorigenesis. <i>Journal of Cell Communication and Signaling</i> , 2009 , 3, 255-73	5.2	121
205	The VEGF family in cancer and antibody-based strategies for their inhibition. <i>MAbs</i> , 2010 , 2, 165-75	6.6	119
204	A Transistor-like pH Nanoprobe for Tumour Detection and Image-guided Surgery. <i>Nature Biomedical Engineering</i> , 2016 , 1,	19	107
203	Vascular endothelial growth factor induces proliferation of breast cancer cells and inhibits the anti-proliferative activity of anti-hormones. <i>Endocrine-Related Cancer</i> , 2006 , 13, 905-19	5.7	106
202	Fibulin-5, an integrin-binding matricellular protein: its function in development and disease. <i>Journal of Cell Communication and Signaling</i> , 2009 , 3, 337-47	5.2	104
201	Ultrastructural localization of the vascular permeability factor/vascular endothelial growth factor (VPF/VEGF) receptor-2 (FLK-1, KDR) in normal mouse kidney and in the hyperpermeable vessels induced by VPF/VEGF-expressing tumors and adenoviral vectors. <i>Journal of Histochemistry and Cytochemistry</i> , 2000 , 48, 545-56	3.4	103

200	Enhanced Growth of Pancreatic Tumors in SPARC-Null Mice Is Associated With Decreased Deposition of Extracellular Matrix and Reduced Tumor Cell Apoptosis. <i>Molecular Cancer Research</i> , 2004 , 2, 215-224	6.6	103
199	Age-related changes in vascular endothelial growth factor dependency and angiopoietin-1-induced plasticity of adult blood vessels. <i>Circulation Research</i> , 2004 , 94, 984-92	15.7	102
198	SPARC-like 1 regulates the terminal phase of radial glia-guided migration in the cerebral cortex. <i>Neuron</i> , 2004 , 41, 57-69	13.9	93
197	Modulating endogenous NQO1 levels identifies key regulatory mechanisms of action of Elapachone for pancreatic cancer therapy. <i>Clinical Cancer Research</i> , 2011 , 17, 275-85	12.9	92
196	Warfarin Blocks Gas6-Mediated Axl Activation Required for Pancreatic Cancer Epithelial Plasticity and Metastasis. <i>Cancer Research</i> , 2015 , 75, 3699-705	10.1	88
195	Lack of host SPARC enhances vascular function and tumor spread in an orthotopic murine model of pancreatic carcinoma. <i>DMM Disease Models and Mechanisms</i> , 2010 , 3, 57-72	4.1	86
194	Smac mimetic increases chemotherapy response and improves survival in mice with pancreatic cancer. <i>Cancer Research</i> , 2010 , 70, 2852-61	10.1	86
193	Small-Molecule Inhibition of Axl Targets Tumor Immune Suppression and Enhances Chemotherapy in Pancreatic Cancer. <i>Cancer Research</i> , 2018 , 78, 246-255	10.1	86
192	RHOA-FAK is a required signaling axis for the maintenance of KRAS-driven lung adenocarcinomas. <i>Cancer Discovery</i> , 2013 , 3, 444-57	24.4	84
191	SPARC regulates TGF-beta1-dependent signaling in primary glomerular mesangial cells. <i>Journal of Cellular Biochemistry</i> , 2004 , 91, 915-25	4.7	84
190	Targeting interleukin-6 as a strategy to overcome stroma-induced resistance to chemotherapy in gastric cancer. <i>Molecular Cancer</i> , 2019 , 18, 68	42.1	83
189	Cellular heterogeneity during mouse pancreatic ductal adenocarcinoma progression at single-cell resolution. <i>JCI Insight</i> , 2019 , 5,	9.9	81
188	BIBF 1120 (nintedanib), a triple angiokinase inhibitor, induces hypoxia but not EMT and blocks progression of preclinical models of lung and pancreatic cancer. <i>Molecular Cancer Therapeutics</i> , 2013 , 12, 992-1001	6.1	80
187	Anti-VEGF-A therapy reduces lymphatic vessel density and expression of VEGFR-3 in an orthotopic breast tumor model. <i>International Journal of Cancer</i> , 2007 , 121, 2181-91	7.5	80
186	Small-molecule TFEB pathway agonists that ameliorate metabolic syndrome in mice and extend <i>C. elegans</i> lifespan. <i>Nature Communications</i> , 2017 , 8, 2270	17.4	79
185	Targeting vascular endothelium with avidin microbubbles. <i>Ultrasound in Medicine and Biology</i> , 2005 , 31, 1279-83	3.5	78
184	Preclinical assessment of galunisertib (LY2157299 monohydrate), a first-in-class transforming growth factor- β receptor type I inhibitor. <i>Oncotarget</i> , 2018 , 9, 6659-6677	3.3	75
183	Increased expression of Cyr61 (CCN1) identified in peritoneal metastases from human pancreatic cancer. <i>Journal of the American College of Surgeons</i> , 2005 , 200, 371-7	4.4	70

182	TGF- β and α 5 integrin act in a common pathway to suppress pancreatic cancer progression. <i>Cancer Research</i> , 2012 , 72, 4840-5	10.1	69
181	Effect of rapamycin alone and in combination with antiangiogenesis therapy in an orthotopic model of human pancreatic cancer. <i>Clinical Cancer Research</i> , 2004 , 10, 6993-7000	12.9	69
180	Loss of SPARC-mediated VEGFR-1 suppression after injury reveals a novel antiangiogenic activity of VEGF-A. <i>Journal of Clinical Investigation</i> , 2006 , 116, 422-9	15.9	69
179	Enhanced growth of pancreatic tumors in SPARC-null mice is associated with decreased deposition of extracellular matrix and reduced tumor cell apoptosis. <i>Molecular Cancer Research</i> , 2004 , 2, 215-24	6.6	68
178	Detection of phosphatidylserine-positive exosomes for the diagnosis of early-stage malignancies. <i>British Journal of Cancer</i> , 2017 , 117, 545-552	8.7	67
177	The regulatory function of SPARC in vascular biology. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 3165-73	7.3	67
176	Progesterin-dependent progression of human breast tumor xenografts: a novel model for evaluating antitumor therapeutics. <i>Cancer Research</i> , 2007 , 67, 9929-36	10.1	67
175	Combination of a monoclonal anti-phosphatidylserine antibody with gemcitabine strongly inhibits the growth and metastasis of orthotopic pancreatic tumors in mice. <i>International Journal of Cancer</i> , 2006 , 118, 2639-43	7.5	67
174	The angiogenic "vascular endothelial growth factor/flk-1(KDR) receptor" pathway in patients with endometrial carcinoma: prognostic and therapeutic implications. <i>Cancer</i> , 2001 , 92, 2569-77	6.4	67
173	Enhanced heme function and mitochondrial respiration promote the progression of lung cancer cells. <i>PLoS ONE</i> , 2013 , 8, e63402	3.7	65
172	Matrix control of pancreatic cancer: New insights into fibronectin signaling. <i>Cancer Letters</i> , 2016 , 381, 252-8	9.9	64
171	Collagen signaling enhances tumor progression after anti-VEGF therapy in a murine model of pancreatic ductal adenocarcinoma. <i>Cancer Research</i> , 2014 , 74, 1032-44	10.1	62
170	A positive crosstalk between CXCR4 and CXCR2 promotes gastric cancer metastasis. <i>Oncogene</i> , 2017 , 36, 5122-5133	9.2	61
169	CXCL1 promotes tumor growth through VEGF pathway activation and is associated with inferior survival in gastric cancer. <i>Cancer Letters</i> , 2015 , 359, 335-43	9.9	61
168	Phosphorylation of Akt and ERK1/2 is required for VEGF-A/VEGFR2-induced proliferation and migration of lymphatic endothelium. <i>PLoS ONE</i> , 2011 , 6, e28947	3.7	61
167	K-Ras promotes angiogenesis mediated by immortalized human pancreatic epithelial cells through mitogen-activated protein kinase signaling pathways. <i>Molecular Cancer Research</i> , 2009 , 7, 799-808	6.6	61
166	NAMPT inhibition sensitizes pancreatic adenocarcinoma cells to tumor-selective, PAR-independent metabolic catastrophe and cell death induced by flapachone. <i>Cell Death and Disease</i> , 2015 , 6, e1599	9.8	60
165	Semaphorin 3B inhibits the phosphatidylinositol 3-kinase/Akt pathway through neuropilin-1 in lung and breast cancer cells. <i>Cancer Research</i> , 2008 , 68, 8295-303	10.1	59

164	Tie1 deletion inhibits tumor growth and improves angiopoietin antagonist therapy. <i>Journal of Clinical Investigation</i> , 2014 , 124, 824-34	15.9	58
163	Compromised production of extracellular matrix in mice lacking secreted protein, acidic and rich in cysteine (SPARC) leads to a reduced foreign body reaction to implanted biomaterials. <i>American Journal of Pathology</i> , 2003 , 162, 627-35	5.8	57
162	Losartan slows pancreatic tumor progression and extends survival of SPARC-null mice by abrogating aberrant TGF β activation. <i>PLoS ONE</i> , 2012 , 7, e31384	3.7	56
161	Increased fibrovascular invasion of subcutaneous polyvinyl alcohol sponges in SPARC-null mice. <i>Wound Repair and Regeneration</i> , 2001 , 9, 522-30	3.6	56
160	SPARC promotes pericyte recruitment via inhibition of endoglin-dependent TGF β activity. <i>Journal of Cell Biology</i> , 2011 , 193, 1305-19	7.3	55
159	Malignant progression and blockade of angiogenesis in a murine transgenic model of neuroblastoma. <i>Cancer Research</i> , 2007 , 67, 9435-42	10.1	55
158	SMARCA4-inactivating mutations increase sensitivity to Aurora kinase A inhibitor VX-680 in non-small cell lung cancers. <i>Nature Communications</i> , 2017 , 8, 14098	17.4	54
157	Forced expression of MMP9 rescues the loss of angiogenesis and abrogates metastasis of pancreatic tumors triggered by the absence of host SPARC. <i>Experimental Biology and Medicine</i> , 2008 , 233, 860-73	3.7	54
156	Loss of SPARC in bladder cancer enhances carcinogenesis and progression. <i>Journal of Clinical Investigation</i> , 2013 , 123, 751-66	15.9	54
155	Inhibition of Discoidin Domain Receptor 1 Reduces Collagen-mediated Tumorigenicity in Pancreatic Ductal Adenocarcinoma. <i>Molecular Cancer Therapeutics</i> , 2017 , 16, 2473-2485	6.1	53
154	Loss of fibulin-5 binding to beta1 integrins inhibits tumor growth by increasing the level of ROS. <i>DMM Disease Models and Mechanisms</i> , 2010 , 3, 333-42	4.1	51
153	SPARC regulates collagen interaction with cardiac fibroblast cell surfaces. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 301, H841-7	5.2	51
152	The Adnectin CT-322 is a novel VEGF receptor 2 inhibitor that decreases tumor burden in an orthotopic mouse model of pancreatic cancer. <i>BMC Cancer</i> , 2008 , 8, 352	4.8	51
151	Incorporation of bone marrow-derived Flk-1-expressing CD34+ cells in the endothelium of tumor vessels in the mouse brain. <i>Neurosurgery</i> , 2006 , 59, 374-82; discussion 374-82	3.2	51
150	Expression and characterization of murine hevin (SC1), a member of the SPARC family of matricellular proteins. <i>Journal of Histochemistry and Cytochemistry</i> , 2004 , 52, 735-48	3.4	51
149	The matricellular protein SPARC is expressed in human trabecular meshwork. <i>Experimental Eye Research</i> , 2003 , 77, 601-7	3.7	51
148	Recruitment and retention: factors that affect pericyte migration. <i>Cellular and Molecular Life Sciences</i> , 2014 , 71, 299-309	10.3	50
147	SPARC mediates metastatic cooperation between CSC and non-CSC prostate cancer cell subpopulations. <i>Molecular Cancer</i> , 2014 , 13, 237	42.1	49

146	PG545, an angiogenesis and heparanase inhibitor, reduces primary tumor growth and metastasis in experimental pancreatic cancer. <i>Molecular Cancer Therapeutics</i> , 2013 , 12, 1190-201	6.1	49
145	Vascular channels formed by subpopulations of PECAM1+ melanoma cells. <i>Nature Communications</i> , 2014 , 5, 5200	17.4	48
144	Apricoxib, a novel inhibitor of COX-2, markedly improves standard therapy response in molecularly defined models of pancreatic cancer. <i>Clinical Cancer Research</i> , 2012 , 18, 5031-42	12.9	48
143	Strategies for vascular targeting in tumors. <i>International Journal of Cancer</i> , 2002 , 100, 123-30	7.5	48
142	SMAC mimetic (JP1201) sensitizes non-small cell lung cancers to multiple chemotherapy agents in an IAP-dependent but TNF-independent manner. <i>Cancer Research</i> , 2011 , 71, 7640-8	10.1	47
141	LKB1 loss promotes endometrial cancer progression via CCL2-dependent macrophage recruitment. <i>Journal of Clinical Investigation</i> , 2015 , 125, 4063-76	15.9	47
140	Hypoxia Studies with Pimonidazole. <i>Bio-protocol</i> , 2014 , 4,	0.9	47
139	Sitravatinib potentiates immune checkpoint blockade in refractory cancer models. <i>JCI Insight</i> , 2018 , 3,	9.9	45
138	Neutralizing murine TGF β 2 promotes a differentiated tumor cell phenotype and inhibits pancreatic cancer metastasis. <i>Cancer Research</i> , 2014 , 74, 4996-5007	10.1	44
137	MRI detection of VEGFR2 in vivo using a low molecular weight peptoid-(Gd)8-dendron for targeting. <i>Journal of the American Chemical Society</i> , 2010 , 132, 12829-31	16.4	44
136	SPARC promotes cathepsin B-mediated melanoma invasiveness through a collagen I/ α 1 integrin axis. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 2438-47	4.3	44
135	Vascular endothelial growth factor receptor-2 promotes the development of the lymphatic vasculature. <i>PLoS ONE</i> , 2013 , 8, e74686	3.7	44
134	Skeletal Colonization by Breast Cancer Cells Is Stimulated by an Osteoblast and α AR-Dependent Neo-Angiogenic Switch. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 1442-1454	6.3	39
133	Role of SPARC in bone remodeling and cancer-related bone metastasis. <i>Journal of Cellular Biochemistry</i> , 2014 , 115, 17-26	4.7	39
132	The effects of aging on tumor growth and angiogenesis are tumor-cell dependent. <i>International Journal of Cancer</i> , 2007 , 120, 753-60	7.5	39
131	Human pancreatic cancer cell exosomes, but not human normal cell exosomes, act as an initiator in cell transformation. <i>ELife</i> , 2019 , 8,	8.9	39
130	Mode of action and pharmacogenomic biomarkers for exceptional responders to didemnin B. <i>Nature Chemical Biology</i> , 2015 , 11, 401-8	11.7	38
129	Actions of the protein kinase WNK1 on endothelial cells are differentially mediated by its substrate kinases OSR1 and SPAK. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 15999-6004	11.5	37

128	Nintedanib, a triple angiokinase inhibitor, enhances cytotoxic therapy response in pancreatic cancer. <i>Cancer Letters</i> , 2015 , 358, 59-66	9.9	37
127	AXL Targeting Abrogates Autophagic Flux and Induces Immunogenic Cell Death in Drug-Resistant Cancer Cells. <i>Journal of Thoracic Oncology</i> , 2020 , 15, 973-999	8.9	36
126	Antiangiogenic therapy in lung cancer: focus on vascular endothelial growth factor pathway. <i>Experimental Biology and Medicine</i> , 2010 , 235, 3-9	3.7	35
125	Tumor-derived intercellular adhesion molecule-1 mediates tumor-associated leukocyte infiltration in orthotopic pancreatic xenografts. <i>Experimental Biology and Medicine</i> , 2010 , 235, 263-70	3.7	35
124	The synthetic diazonamide DZ-2384 has distinct effects on microtubule curvature and dynamics without neurotoxicity. <i>Science Translational Medicine</i> , 2016 , 8, 365ra159	17.5	34
123	Functional analysis of the matricellular protein SPARC with novel monoclonal antibodies. <i>Journal of Histochemistry and Cytochemistry</i> , 2004 , 52, 723-33	3.4	34
122	Discoidin domain receptor 1 activity drives an aggressive phenotype in gastric carcinoma. <i>BMC Cancer</i> , 2017 , 17, 87	4.8	33
121	r84, a novel therapeutic antibody against mouse and human VEGF with potent anti-tumor activity and limited toxicity induction. <i>PLoS ONE</i> , 2010 , 5, e12031	3.7	33
120	Combined VEGF and CXCR4 antagonism targets the GBM stem cell population and synergistically improves survival in an intracranial mouse model of glioblastoma. <i>Oncotarget</i> , 2014 , 5, 9811-22	3.3	32
119	Cancer-Associated Fibroblasts: Versatile Players in the Tumor Microenvironment. <i>Cancers</i> , 2020 , 12,	6.6	32
118	Structure-Based Design of Tetrahydroisoquinoline-7-carboxamides as Selective Discoidin Domain Receptor 1 (DDR1) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 5911-6	8.3	32
117	Stromal platelet-derived growth factor receptor α (PDGFR α) provides a therapeutic target independent of tumor cell PDGFR α expression in lung cancer xenografts. <i>Molecular Cancer Therapeutics</i> , 2012 , 11, 2473-82	6.1	31
116	Hypoxia-induced autophagy of stellate cells inhibits expression and secretion of lumican into microenvironment of pancreatic ductal adenocarcinoma. <i>Cell Death and Differentiation</i> , 2019 , 26, 382-393	12.7	31
115	P-Rex1 Promotes Resistance to VEGF/VEGFR-Targeted Therapy in Prostate Cancer. <i>Cell Reports</i> , 2016 , 14, 2193-2208	10.6	30
114	Rgs16 and Rgs8 in embryonic endocrine pancreas and mouse models of diabetes. <i>DMM Disease Models and Mechanisms</i> , 2010 , 3, 567-80	4.1	30
113	Lack of "immunological fitness" during fasting in metabolically challenged animals. <i>Journal of Lipid Research</i> , 2012 , 53, 1254-67	6.3	30
112	The pharmacophore of a peptoid VEGF receptor 2 antagonist includes both side chain and main chain residues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 5892-4	2.9	30
111	Extra-mitochondrial prosurvival BCL-2 proteins regulate gene transcription by inhibiting the SUFU tumour suppressor. <i>Nature Cell Biology</i> , 2017 , 19, 1226-1236	23.4	29

110	Accumulation of pro-cancer cytokines in the plasma fraction of stored packed red cells. <i>Journal of Gastrointestinal Surgery</i> , 2012 , 16, 460-8	3.3	29
109	GU81, a VEGFR2 antagonist peptoid, enhances the anti-tumor activity of doxorubicin in the murine MMTV-PyMT transgenic model of breast cancer. <i>BMC Cancer</i> , 2010 , 10, 397	4.8	29
108	The Next Wave of Stroma-Targeting Therapy in Pancreatic Cancer. <i>Cancer Research</i> , 2019 , 79, 328-330	10.1	29
107	Fibulin-5 Blocks Microenvironmental ROS in Pancreatic Cancer. <i>Cancer Research</i> , 2015 , 75, 5058-69	10.1	28
106	Targeting TGF β 2-mutant tumors exposes vulnerabilities to stromal TGF β blockade in pancreatic cancer. <i>EMBO Molecular Medicine</i> , 2019 , 11, e10515	12	28
105	SPARC-thrombospondin-2-double-null mice exhibit enhanced cutaneous wound healing and increased fibrovascular invasion of subcutaneous polyvinyl alcohol sponges. <i>Journal of Histochemistry and Cytochemistry</i> , 2005 , 53, 571-81	3.4	28
104	Expression of soluble VEGF receptor 2 and characterization of its binding by surface plasmon resonance. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 252, 643-8	3.4	28
103	Hypoxia and Transforming Growth Factor β Cooperate to Induce Fibulin-5 Expression in Pancreatic Cancer. <i>Journal of Biological Chemistry</i> , 2016 , 291, 22244-22252	5.4	27
102	VEGF blockade enables oncolytic cancer virotherapy in part by modulating intratumoral myeloid cells. <i>Molecular Therapy</i> , 2013 , 21, 1014-23	11.7	27
101	Selective blockade of vascular endothelial growth factor receptor 2 with an antibody against tumor-derived vascular endothelial growth factor controls the growth of human pancreatic adenocarcinoma xenografts. <i>Annals of Surgical Oncology</i> , 2006 , 13, 1145-55	3.1	27
100	Identification of lipid-phosphatidylserine (PS) as the target of unbiasedly selected cancer specific peptide-peptoid hybrid PPS1. <i>Oncotarget</i> , 2016 , 7, 30678-90	3.3	27
99	A peptoid antagonist of VEGF receptor 2 recognizes a hotspot in the extracellular domain distinct from the hormone-binding site. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 6338-43	3.4	26
98	Inhibition of multiple pathogenic pathways by histone deacetylase inhibitor SAHA in a corneal alkali-burn injury model. <i>Molecular Pharmaceutics</i> , 2013 , 10, 307-18	5.6	25
97	Frequent detection of infectious xenotropic murine leukemia virus (XMLV) in human cultures established from mouse xenografts. <i>Cancer Biology and Therapy</i> , 2011 , 12, 617-28	4.6	25
96	Axl Receptor Axis: A New Therapeutic Target in Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2016 , 11, 1357-1362	8.9	25
95	Assessment of TANK-binding kinase 1 as a therapeutic target in cancer. <i>Journal of Cell Communication and Signaling</i> , 2018 , 12, 83-90	5.2	24
94	Unbiased Selection of Peptide-Peptoid Hybrids Specific for Lung Cancer Compared to Normal Lung Epithelial Cells. <i>ACS Chemical Biology</i> , 2015 , 10, 2891-9	4.9	23
93	Inhibition of Discoidin Domain Receptor 1 Prevents Stroma-Induced Peritoneal Metastasis in Gastric Carcinoma. <i>Molecular Cancer Research</i> , 2018 , 16, 1590-1600	6.6	23

92	2-Amino-2,3-dihydro-1-indene-5-carboxamide-Based Discoidin Domain Receptor 1 (DDR1) Inhibitors: Design, Synthesis, and in Vivo Antipancreatic Cancer Efficacy. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 7431-7444	8.3	23
91	Clonal analysis reveals a common progenitor for endothelial, myeloid, and lymphoid precursors in umbilical cord blood. <i>Circulation Research</i> , 2010 , 107, 1460-9	15.7	23
90	Tetrahydroisoquinoline-7-carboxamide Derivatives as New Selective Discoidin Domain Receptor 1 (DDR1) Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 327-332	4.3	22
89	From top to bottom: midkine and pleiotrophin as emerging players in immune regulation. <i>Journal of Leukocyte Biology</i> , 2017 , 102, 277-286	6.5	22
88	Telomerase-Mediated Strategy for Overcoming Non-Small Cell Lung Cancer Targeted Therapy and Chemotherapy Resistance. <i>Neoplasia</i> , 2018 , 20, 826-837	6.4	22
87	Fbxw7 is a driver of uterine carcinosarcoma by promoting epithelial-mesenchymal transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 25880-25890	11.5	22
86	Antibody targeting of phosphatidylserine for the detection and immunotherapy of cancer. <i>ImmunoTargets and Therapy</i> , 2018 , 7, 1-14	9	22
85	Autocrine VEGF-VEGF-R loop on podocytes during glomerulonephritis in humans. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 3170-80	4.3	21
84	The acellular fraction of stored platelets promotes tumor cell invasion. <i>Journal of Surgical Research</i> , 2009 , 153, 132-7	2.5	21
83	Improved Multiplex Immunohistochemistry for Immune Microenvironment Evaluation of Mouse Formalin-Fixed, Paraffin-Embedded Tissues. <i>Journal of Immunology</i> , 2019 , 202, 292-299	5.3	21
82	Inhibition of VEGFR-2 reverses type 1 diabetes in NOD mice by abrogating insulinitis and restoring islet function. <i>Diabetes</i> , 2013 , 62, 2870-8	0.9	20
81	Intravenous delivery of the plasma fraction of stored packed erythrocytes promotes pancreatic cancer growth in immunocompetent mice. <i>Cancer</i> , 2010 , 116, 3862-74	6.4	20
80	Identification of a Monoclonal Antibody That Attenuates Antiphospholipid Syndrome-Related Pregnancy Complications and Thrombosis. <i>PLoS ONE</i> , 2016 , 11, e0158757	3.7	19
79	Getting a grip on adhesion: Cadherin switching and collagen signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019 , 1866, 118472	4.9	18
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