

CITATION REPORT

List of articles citing

Autocrine VEGF-VEGFR2-Neuropilin-1 signaling promotes glioma stem-like cell viability and tumor growth

DOI: 10.1084/jem.20111424

Journal of Experimental Medicine, 2012, 209, 507-20.

Source: <https://exaly.com/paper-pdf/53289900/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
325	The stemness phenotype model. 2012 , 2012, 392647		28
324	Enhancing integrin function by VEGF/neuropilin signaling: implications for tumor biology. 2012 , 6, 554-60		28
323	Tumor angiogenesis and anti-angiogenic therapy in malignant gliomas revisited. 2012 , 124, 763-75		170
322	Neuropilin-1 is expressed by breast cancer stem-like cells and is linked to NF- κ B activation and tumor sphere formation. 2012 , 425, 775-80		46
321	Function of members of the neuropilin family as essential pleiotropic cell surface receptors. 2012 , 51, 9437-46		61
320	Vasculogenic mimicry of HT1080 tumour cells in vivo: critical role of HIF-1 β /neuropilin-1 axis. 2012 , 7, e50153		38
319	Neuropilins are multifunctional coreceptors involved in tumor initiation, growth, metastasis and immunity. 2012 , 3, 921-39		193
318	VEGF inhibits tumor cell invasion and mesenchymal transition through a MET/VEGFR2 complex. 2012 , 22, 21-35		423
317	Investigation of the stability and cellular uptake of self-associated monoclonal antibody (MAb) nanoparticles by non-small lung cancer cells. 2013 , 10, 3275-84		18
316	A novel density control device for the study of cancer cell autocrine effect. 2013 , 15, 683-689		7
315	VEGF targets the tumour cell. 2013 , 13, 871-82		773
314	Targeting VEGF signalling via the neuropilin co-receptor. 2013 , 18, 447-55		76
313	Effect of endostar combined with cisplatin on expression of VEGF and Sema3A of Lewis lung cancer rats. 2013 , 6, 57-60		4
312	Mechanisms of evasive resistance to anti-VEGF therapy in glioblastoma. 2013 , 2, 49-65		95
311	Unravelling cancer stem cell potential. 2013 , 13, 727-38		577
310	Anti-VEGF agents in metastatic colorectal cancer (mCRC): are they all alike?. 2013 , 5, 103-15		27
309	Blebbishields, the emergency program for cancer stem cells: sphere formation and tumorigenesis after apoptosis. 2013 , 20, 382-95		45

308	Critical multiple angiogenic factors secreted by glioblastoma stem-like cells underline the need for combinatorial anti-angiogenic therapeutic strategies. 2013 , 7, 79-90	6
307	Neuropilins: role in signalling, angiogenesis and disease. 2014 , 99, 37-70	50
306	The cancer stem cell niche(s): the crosstalk between glioma stem cells and their microenvironment. 2013 , 1830, 2496-508	117
305	Mechanisms of neovascularization and resistance to anti-angiogenic therapies in glioblastoma multiforme. 2013 , 91, 439-48	107
304	The correlation of hematopoietic stem cells with cancer stem cells through the regulation of stromal cells in tumor microenvironment. 2013 , 80, 494-7	3
303	Biological and clinical implications of cancer stem cells in primary brain tumors. 2013 , 3, 6	10
302	Cytokine patterns in brain tumour progression. 2013 , 2013, 979748	95
301	Role of the microenvironment in ovarian cancer stem cell maintenance. 2013 , 2013, 630782	25
300	GLI1 regulates a novel neuropilin-2/ α 1 integrin based autocrine pathway that contributes to breast cancer initiation. 2013 , 5, 488-508	108
299	Anti-angiogenic therapy increases intratumoral adenovirus distribution by inducing collagen degradation. 2013 , 20, 318-27	20
298	Regulation of synoviocyte activity by resveratrol in rats with adjuvant arthritis. 2013 , 6, 172-176	13
297	Vascular endothelial growth factor receptor 2 (VEGFR-2) plays a key role in vasculogenic mimicry formation, neovascularization and tumor initiation by Glioma stem-like cells. 2013 , 8, e57188	88
296	Down-regulation of Gab1 inhibits cell proliferation and migration in hilar cholangiocarcinoma. 2013 , 8, e81347	20
295	VEGF promotes proliferation of human glioblastoma multiforme stem-like cells through VEGF receptor 2. 2013 , 2013, 417413	46
294	Metabolic impact of anti-angiogenic agents on U87 glioma cells. 2014 , 9, e99198	23
293	Orphan drugs in glioblastoma multiforme: a review. 2014 , 83	3
292	The emerging role of class-3 semaphorins and their neuropilin receptors in oncology. 2014 , 7, 1663-87	46
291	Bevacizumab in Japanese patients with malignant glioma: from basic research to clinical trial. 2014 , 7, 1551-62	12

290	The impact of bevacizumab treatment on survival and quality of life in newly diagnosed glioblastoma patients. 2014 , 6, 373-87	27
289	Sema3C promotes the survival and tumorigenicity of glioma stem cells through Rac1 activation. 2014 , 9, 1812-1826	79
288	Vascular endothelial growth factor C promotes breast cancer progression via a novel antioxidant mechanism that involves regulation of superoxide dismutase 3. 2014 , 16, 462	40
287	Autocrine vascular endothelial growth factor signaling promotes cell proliferation and modulates sorafenib treatment efficacy in hepatocellular carcinoma. 2014 , 60, 1264-77	60
286	N-terminal modification of VEGF-A C terminus-derived peptides delineates structural features involved in neuropilin-1 binding and functional activity. 2014 , 15, 1161-70	23
285	Vasculature analysis of patient derived tumor xenografts using species-specific PCR assays: evidence of tumor endothelial cells and atypical VEGFA-VEGFR1/2 signalings. 2014 , 14, 178	19
284	Downregulation of ABCG2 protein inhibits migration and invasion in U251 glioma stem cells. 2014 , 25, 625-32	27
283	Expression of vascular endothelial growth factor (VEGF) in patients with oral squamous cell carcinoma and its clinical significance. 2014 , 436, 35-40	30
282	Signaling pathways in the development of infantile hemangioma. 2014 , 7, 13	69
281	Dynamic Interactions Between Cancer Stem Cells And Their Stromal Partners. 2014 , 2, 41-52	32
280	A development of chimeric VEGFR2 TK inhibitor based on two ligand conformers from PDB: 1Y6A complex--medicinal chemistry consequences of a TKs analysis. 2014 , 72, 146-59	29
279	Anti-vascular endothelial growth factor receptor (VEGFR) 2 autoantibody identification in glioblastoma patient using single B cell-based antibody gene cloning. 2014 , 159, 15-22	6
278	Ovarian cancer stem cells: Molecular concepts and relevance as therapeutic targets. 2014 , 39, 110-25	57
277	Generation of recombinant extracellular fragment of vascular endothelial growth factor receptor 2 and specific monoclonal antibodies to this receptor. 2014 , 156, 357-62	4
276	Therapeutic targeting of constitutive PARP activation compromises stem cell phenotype and survival of glioblastoma-initiating cells. 2014 , 21, 258-69	126
275	CD47 signaling regulates the immunosuppressive activity of VEGF in T cells. 2014 , 193, 3914-24	71
274	Cancer Stem Cells and Glioblastoma. 2014 , 3-22	2
273	Vascular endothelial growth factor (VEGF) pathway and neuroendocrine neoplasms (NENS): prognostic and therapeutic considerations. 2014 , 35, 10615-25	17

272	Current status of antiangiogenic therapies for glioblastomas. 2014 , 23, 199-210	26
271	CD133-targeted niche-dependent therapy in cancer: a multipronged approach. 2014 , 184, 1256-62	13
270	Molecular Mechanisms of Angiogenesis. 2014 ,	3
269	VEGFR3 inhibition chemosensitizes ovarian cancer stemlike cells through down-regulation of BRCA1 and BRCA2. 2014 , 16, 343-53.e1-2	61
268	Wnt3a Expression is Associated with MMP-9 Expression in Primary Tumor and Metastatic Site in Recurrent or Stage IV Colorectal Cancer. 2014 , 113-128	
267	Fully human VEGFR2 monoclonal antibody BC001 attenuates tumor angiogenesis and inhibits tumor growth. 2014 , 45, 2411-20	9
266	Downregulation of VEGF expression attenuates malignant biological behavior of C6 glioma stem cells. 2014 , 44, 1581-8	9
265	Molecularly Targeted Therapy of Human Hepatocellular Carcinoma Xenografts with Radio-iodinated Anti-VEGFR2 Murine-Human Chimeric Fab. 2015 , 5, 10660	7
264	miRNA-148b suppresses hepatic cancer stem cell by targeting neuropilin-1. 2015 , 35,	43
263	Vascular Endothelial Growth Factor: An Overview Across Multiple Disease Conditions. 2015 , 10, 1-12	2
262	Cancer Stem Cells: Biological Features and Targeted Therapeutics. 2015 , 35, 250	1
261	The Emerging Regulation of VEGFR-2 in Triple-Negative Breast Cancer. 2015 , 6, 159	26
260	Apatinib for molecular targeted therapy in tumor. 2015 , 9, 6075-81	125
259	MiR-148a, a microRNA upregulated in the WNT subgroup tumors, inhibits invasion and tumorigenic potential of medulloblastoma cells by targeting Neuropilin 1. 2015 , 2, 334-48	26
258	Arsenic trioxide disrupts glioma stem cells via promoting PML degradation to inhibit tumor growth. 2015 , 6, 37300-15	33
257	Tumour Hypoxia and the Hypoxia-Inducible Transcription Factors: Key Players in Cancer Progression and Metastasis. 2015 , 65-98	2
256	Gab1 regulates proliferation and migration through the PI3K/Akt signaling pathway in intrahepatic cholangiocarcinoma. 2015 , 36, 8367-77	16
255	Prognostic significance of combining VEGFA, FLT1 and KDR mRNA expression in lung cancer. <i>Oncology Letters</i> , 2015 , 10, 1893-1901	2.6 13

254	Different levels of Twist1 regulate skin tumor initiation, stemness, and progression. 2015 , 16, 67-79	136
253	Sunitinib impedes brain tumor progression and reduces tumor-induced neurodegeneration in the microenvironment. 2015 , 106, 160-70	26
252	Dynamic susceptibility contrast MRI measures of relative cerebral blood volume as a prognostic marker for overall survival in recurrent glioblastoma: results from the ACRIN 6677/RTOG 0625 multicenter trial. 2015 , 17, 1148-56	84
251	Tumor Cell Metabolism. 2015 ,	5
250	Single agent efficacy of the VEGFR kinase inhibitor axitinib in preclinical models of glioblastoma. 2015 , 121, 91-100	21
249	Pigment Epithelium-Derived Factor (PEDF) Expression Induced by EGFRvIII Promotes Self-renewal and Tumor Progression of Glioma Stem Cells. 2015 , 13, e1002152	40
248	Molecular profiling of gliomas: potential therapeutic implications. 2015 , 15, 955-62	15
247	Expression and prognostic significance of VEGFR-2 in breast cancer. 2015 , 211, 539-43	39
246	Vascular endothelial growth factor is an autocrine growth factor, signaling through neuropilin-1 in non-small cell lung cancer. 2015 , 14, 45	54
245	Contributions to drug resistance in glioblastoma derived from malignant cells in the sub-ependymal zone. 2015 , 75, 194-202	40
244	Use of bevacizumab in recurrent glioblastoma. 2015 , 4, 157-69	21
243	Interplay between receptor tyrosine kinases and hypoxia signaling in cancer. 2015 , 62, 101-14	21
242	VEGFR2 Signaling Prevents Colorectal Cancer Cell Senescence to Promote Tumorigenesis in Mice With Colitis. 2015 , 149, 177-189.e10	30
241	Pleiotrophin exerts its migration and invasion effect through the neuropilin-1 pathway. 2015 , 17, 613-24	8
240	Precision Molecular Pathology of Breast Cancer. 2015 ,	3
239	Endothelial cells induce cancer stem cell features in differentiated glioblastoma cells via bFGF. 2015 , 14, 157	53
238	Ynamide Click chemistry in development of triazole VEGFR2 TK modulators. 2015 , 103, 105-22	8
237	Cancer stem cells and the tumor microenvironment: interplay in tumor heterogeneity. 2015 , 56, 414-25	90

236	Targeting vascular endothelial growth factor (VEGF) pathway in gastric cancer: preclinical and clinical aspects. 2015 , 93, 18-27	44
235	Canonical and noncanonical vascular endothelial growth factor pathways: new developments in biology and signal transduction. 2015 , 35, 30-9	45
234	VEGF drives cancer-initiating stem cells through VEGFR-2/Stat3 signaling to upregulate Myc and Sox2. 2015 , 34, 3107-19	163
233	Vascular Endothelial Growth Factor: A New Paradigm for Targeting Various Diseases. 2016 , 4, 24-36	
232	Relationship of VEGF/VEGFR with immune and cancer cells: staggering or forward?. 2016 , 13, 206-14	102
231	XuefuZhuyu Tang exerts antitumor effects by inhibiting glioma cell metastasis and invasion via regulating tumor microenvironment. 2016 , 9, 3603-12	7
230	Apatinib inhibits VEGF signaling and promotes apoptosis in intrahepatic cholangiocarcinoma. 2016 , 7, 17220-9	92
229	Cancer Stem Cells: Cellular Plasticity, Niche, and its Clinical Relevance. 2016 , 6,	61
228	Thyroid Transcription Factor 1 Reprograms Angiogenic Activities of Secretome. 2016 , 6, 19857	9
227	BET Bromodomain Suppression Inhibits VEGF-induced Angiogenesis and Vascular Permeability by Blocking VEGFR2-mediated Activation of PAK1 and eNOS. 2016 , 6, 23770	36
226	Cancer Stem Cells: Basic Concepts and Therapeutic Implications. 2016 , 11, 47-76	364
225	Crosstalk between bone marrow-derived myofibroblasts and gastric cancer cells regulates cancer stemness and promotes tumorigenesis. 2016 , 35, 5388-5399	22
224	VEGF Requires the Receptor NRP-1 To Inhibit Lipopolysaccharide-Dependent Dendritic Cell Maturation. 2016 , 197, 3927-3935	31
223	Neuropilin-1 (NRP-1)/GIPC1 pathway mediates glioma progression. 2016 , 37, 13777-13788	20
222	Progesterone modulates endothelial progenitor cell (EPC) viability through the CXCL12/CXCR4/PI3K/Akt signalling pathway. 2016 , 49, 48-57	28
221	The relationship between vasculogenic mimicry and epithelial-mesenchymal transitions. 2016 , 20, 1761-9	55
220	A novel 3D human glioblastoma cell culture system for modeling drug and radiation responses. 2017 , 19, 229-241	51
219	Concurrent Expression of VEGF-C and Neuropilin-2 Is Correlated with Poor Prognosis in Glioblastoma. 2016 , 238, 85-91	16

218	BRCA1-regulated RRM2 expression protects glioblastoma cells from endogenous replication stress and promotes tumorigenicity. 2016 , 7, 13398	70
217	Identify signature regulatory network for glioblastoma prognosis by integrative mRNA and miRNA co-expression analysis. 2016 , 10, 244-251	13
216	Autocrine Semaphorin3A signaling is essential for the maintenance of stem-like cells in lung cancer. 2016 , 480, 375-379	9
215	Neuropilin-1 is associated with clinicopathology of gastric cancer and contributes to cell proliferation and migration as multifunctional co-receptors. 2016 , 35, 16	47
214	VEGF/NRP-1axis promotes progression of breast cancer via enhancement of epithelial-mesenchymal transition and activation of NF- κ B and Eatenin. 2016 , 373, 1-11	91
213	Predicting glioblastoma response to bevacizumab through marker profiling?. 2016 , 18, 149-50	2
212	A novel association of neuropilin-1 and MUC1 in pancreatic ductal adenocarcinoma: role in induction of VEGF signaling and angiogenesis. 2016 , 35, 5608-5618	46
211	Senescence from glioma stem cell differentiation promotes tumor growth. 2016 , 470, 275-281	20
210	Value of FGFR2 expression for advanced gastric cancer patients receiving pazopanib plus CapeOX (capecitabine and oxaliplatin). 2016 , 142, 1231-7	10
209	The EGF Receptor Promotes the Malignant Potential of Glioma by Regulating Amino Acid Transport System xc(-). 2016 , 76, 2954-63	54
208	Autocrine VEGFR1 and VEGFR2 signaling promotes survival in human glioblastoma models in vitro and in vivo. 2016 , 18, 1242-52	48
207	Cancer stem cells and chemoresistance: The smartest survives the raid. 2016 , 160, 145-58	257
206	Clinical pharmacokinetics and pharmacodynamics of ramucirumab in the treatment of colorectal cancer. 2016 , 12, 449-56	6
205	Immunomodulatory Activity of VEGF in Cancer. 2017 , 330, 295-342	95
204	CD133 cancer stem cells promoted by VEGF accelerate the recurrence of hepatocellular carcinoma. 2017 , 7, 41499	34
203	Rolipram potentiates bevacizumab-induced cell death in human glioblastoma stem-like cells. 2017 , 173, 11-19	26
202	Control of Tumor Initiation by NKG2D Naturally Expressed on Ovarian Cancer Cells. 2017 , 19, 471-482	13
201	VEGFA links self-renewal and metastasis by inducing Sox2 to repress miR-452, driving Slug. 2017 , 36, 5199-5211	49

200	Construction and expression of a lentivirus expression vector carrying the VEGF165-EGFP fusion gene in breast cancer MCF-7 cells. <i>Oncology Letters</i> , 2017 , 13, 1745-1752	2.6	2
199	A phase 1 study of ramucirumab in Japanese patients with advanced solid tumors. 2017 , 47, 298-305		6
198	Hypoxia in the glioblastoma microenvironment: shaping the phenotype of cancer stem-like cells. 2017 , 19, 887-896		109
197	Noncanonical GLI1 signaling promotes stemness features and in vivo growth in lung adenocarcinoma. 2017 , 36, 4641-4652		58
196	Effective Integration of Targeted Tumor Imaging and Therapy Using Functionalized InP QDs with VEGFR2 Monoclonal Antibody and miR-92a Inhibitor. 2017 , 9, 13068-13078		25
195	Bevacizumab for malignant gliomas: current indications, mechanisms of action and resistance, and markers of response. 2017 , 34, 62-77		58
194	Characterizing nanoscale changes in the activity of VEGFR-2 on glioma microvascular endothelial cell membranes using atomic force microscopy. 2017 , 13, 483-488		1
193	Blockade of vascular endothelial growth factor receptors by tivozanib has potential anti-tumour effects on human glioblastoma cells. 2017 , 7, 44075		24
192	Immunotherapy for Gastrointestinal Cancer. 2017 ,		0
191	Neolbaconol inhibits angiogenesis and tumor growth by suppressing EGFR-mediated VEGF production. 2017 , 56, 1414-1426		31
190	VEGFR3 inhibition chemosensitizes lung adenocarcinoma A549 cells in the tumor-associated macrophage microenvironment through upregulation of p53 and PTEN. 2017 , 38, 2761-2773		6
189	Glioblastoma stem-like cells secrete the pro-angiogenic VEGF-A factor in extracellular vesicles. 2017 , 6, 1359479		137
188	Systemic Inflammation Response Index (SIRI), cancer stem cells and survival of localised gastric adenocarcinoma after curative resection. 2017 , 143, 2455-2468		54
187	Macropinocytosis of Bevacizumab by Glioblastoma Cells in the Perivascular Niche Affects their Survival. 2017 , 23, 7059-7071		21
186	High VEGFR1/2 expression levels are predictors of poor survival in patients with cervical cancer. 2017 , 96, e5772		14
185	Autophagy-induced KDR/VEGFR-2 activation promotes the formation of vasculogenic mimicry by glioma stem cells. 2017 , 13, 1528-1542		80
184	MiRNAs Mediate GDNF-Induced Proliferation and Migration of Glioma Cells. 2017 , 44, 1923-1938		32
183	Stem Cell Microenvironments and Beyond. 2017 ,		1

182	Being a Neural Stem Cell: A Matter of Character But Defined by the Microenvironment. 2017 , 1041, 81-118	4
181	VEGF-A/Neuropilin 1 Pathway Confers Cancer Stemness via Activating Wnt/ β Catenin Axis in Breast Cancer Cells. 2017 , 44, 1251-1262	48
180	Inhibition of histone deacetylases sensitizes glioblastoma cells to lomustine. 2017 , 40, 21-32	41
179	Hypoxic and Reoxygenated Microenvironment: Stemness and Differentiation State in Glioblastoma. 2017 , 54, 6261-6272	11
178	NRP1-positive lung cancer cells possess tumor-initiating properties. 2018 , 39, 349-357	16
177	TGF- β Activation and Signaling in Angiogenesis. 2017 ,	12
176	Bevacizumab for Patients with Recurrent Gliomas Presenting with a Gliomatosis Cerebri Growth Pattern. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3 5
175	Efficacy and safety of apatinib combined with transarterial chemoembolization for hepatocellular carcinoma with portal venous tumor thrombus: a retrospective study. 2017 , 8, 100734-100745	16
174	miRNA-124-3p/neuropilin-1(NRP-1) axis plays an important role in mediating glioblastoma growth and angiogenesis. 2018 , 143, 635-644	60
173	EphrinB2/EphB4 signaling regulates non-sprouting angiogenesis by VEGF. 2018 , 19,	45
172	Current and Future Directions for Angiosarcoma Therapy. 2018 , 19, 14	51
171	Neuropilin-1 regulated by miR-320 contributes to the growth and metastasis of cholangiocarcinoma cells. 2018 , 38, 125-135	36
170	An attempt to understand glioma stem cell biology through centrality analysis of a protein interaction network. 2018 , 438, 78-91	3
169	Secretion-mediated STAT3 activation promotes self-renewal of glioma stem-like cells during hypoxia. 2018 , 37, 1107-1118	44
168	Stimulation of medulloblastoma stem cells differentiation by a peptidomimetic targeting neuropilin-1. 2018 , 9, 15312-15325	15
167	Perspectives on the role of brain cellular players in cancer-associated brain metastasis: translational approach to understand molecular mechanism of tumor progression. 2018 , 37, 791-804	15
166	Convergence of VEGF and YAP/TAZ signaling: Implications for angiogenesis and cancer biology. 2018 , 11,	44
165	lncRNA LOC100132354 promotes angiogenesis through VEGFA/VEGFR2 signaling pathway in lung adenocarcinoma. 2018 , 10, 4257-4266	24

164	Bevacizumab and Glioblastoma: Past, Present, and Future Directions. 2018 , 24, 180-186	41
163	Role of the NRP-1-mediated VEGFR2-independent pathway on radiation sensitivity of non-small cell lung cancer cells. 2018 , 144, 1329-1337	10
162	VEGF-C sustains VEGFR2 activation under bevacizumab therapy and promotes glioblastoma maintenance. 2018 , 20, 1462-1474	36
161	Cancer Stem Cells (CSCs) in Drug Resistance and their Therapeutic Implications in Cancer Treatment. 2018 , 2018, 5416923	333
160	The reversible effects of glial cell line-derived neurotrophic factor (GDNF) in the human brain. 2018 , 53, 212-222	17
159	Bioprinting of glioma stem cells improves their endotheliogenic potential. 2018 , 171, 629-637	22
158	Semaphorin 3C and Its Receptors in Cancer and Cancer Stem-Like Cells. 2018 , 6,	15
157	Revival of the VEGF ligand family?. 2018 , 20, 1421-1422	2
156	The Role of Kinase Signaling in Resistance to Bevacizumab Therapy for Glioblastoma Multiforme. 2019 , 34, 345-354	7
155	Chemotherapeutic Stress Induces Transdifferentiation of Glioblastoma Cells to Endothelial Cells and Promotes Vascular Mimicry. 2019 , 2019, 6107456	21
154	Mechanism of methylation and acetylation of high transcription in glioma cells: A review. 2019 , 5, e01951	6
153	Drug resistance in papillary RCC: from putative mechanisms to clinical practicalities. 2019 , 16, 655-673	12
152	Therapeutic Strategies Targeting Cancer Stem Cells and Their Microenvironment. 2019 , 9, 1104	38
151	A Study Of Efficacy And Safety With Apatinib Or Apatinib Combined With Chemotherapy In Recurrent/advanced Ovarian Cancer Patients. 2019 , 11, 8869-8876	2
150	Chromodomain Helicase DNA-Binding Protein 7 Is Suppressed in the Perinecrotic/Ischemic Microenvironment and Is a Novel Regulator of Glioblastoma Angiogenesis. 2019 , 37, 453-462	14
149	Cripto-1 overexpression in U87 glioblastoma cells activates MAPK, focal adhesion and ErbB pathways. <i>Oncology Letters</i> , 2019 , 18, 3399-3406	2.6 5
148	The miR-141/neuropilin-1 axis is associated with the clinicopathology and contributes to the growth and metastasis of pancreatic cancer. 2019 , 19, 248	21
147	VEGF/Neuropilin Signaling in Cancer Stem Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3 46

146	Prognostic significance of VEGF receptors expression on the tumor cells in skull base chordoma. 2019 , 144, 65-77		6
145	Sublethal heat treatment of hepatocellular carcinoma promotes intrahepatic metastasis and stemness in a VEGFR1-dependent manner. 2019 , 460, 29-40		33
144	Cancer Stem Cells: From Birth to Death. 2019 , 1-30		
143	Neuropilin-1 aggravates liver cirrhosis by promoting angiogenesis via VEGFR2-dependent PI3K/Akt pathway in hepatic sinusoidal endothelial cells. 2019 , 43, 525-536		15
142	Gastric Cancer Stem Cells Effect on Th17/Treg Balance; A Bench to Beside Perspective. 2019 , 9, 226		22
141	Integrin Signaling in Cancer: Mechanotransduction, Stemness, Epithelial Plasticity, and Therapeutic Resistance. 2019 , 35, 347-367		260
140	OVA66 promotes tumour angiogenesis and progression through enhancing autocrine VEGF-VEGFR2 signalling. 2019 , 41, 156-166		11
139	Semaphorins as Regulators of Phenotypic Plasticity and Functional Reprogramming of Cancer Cells. 2019 , 25, 303-314		15
138	Neuropilins in the Context of Tumor Vasculature. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	37
137	Combining Radiotherapy and Immunotherapy in Lung Cancer: Can We Expect Limitations Due to Altered Normal Tissue Toxicity?. <i>International Journal of Molecular Sciences</i> , 2018 , 20,	6.3	46
136	Challenges facing antiangiogenesis therapy: The significant role of hypoxia-inducible factor and MET in development of resistance to anti-vascular endothelial growth factor-targeted therapies. 2019 , 234, 5655-5663		17
135	Targeting VEGF-neuropilin interactions: a promising antitumor strategy. 2019 , 24, 656-664		28
134	Genetic status of KRAS influences Transforming Growth Factor-beta (TGF- β) signaling: An insight into Neuropilin-1 (NRP1) mediated tumorigenesis. 2019 , 54, 72-79		24
133	Similarities Between Stem Cell Niches in Glioblastoma and Bone Marrow: Rays of Hope for Novel Treatment Strategies. 2020 , 68, 33-57		25
132	Radiation Responses of 2D and 3D Glioblastoma Cells: A Novel, 3D-specific Radioprotective Role of VEGF/Akt Signaling through Functional Activation of NHEJ. 2020 , 19, 575-589		10
131	The exploration of new therapeutic targets for HPV-negative head and neck squamous cell cancer through the construction of a ceRNA network and immune microenvironment analysis. 2020 , 121, 3426-3437		4
130	Cancer stem cell secretome in the tumor microenvironment: a key point for an effective personalized cancer treatment. 2020 , 13, 136		39
129	Hypoxia-autophagy axis induces VEGFA by peritoneal mesothelial cells to promote gastric cancer peritoneal metastasis through an integrin β -fibronectin pathway. 2020 , 39, 221		19

128	Ablation of neuropilin-1 improves the therapeutic response in conventional drug-resistant glioblastoma multiforme. 2020 , 39, 7114-7126		4
127	Multiscale Selectivity and in vivo Biodistribution of NRP-1 Targeted Theranostic AuIX Nanoparticles for PDT of Glioblastoma. 2020 , 15, 8739-8758		7
126	Tumor-associated macrophage, angiogenesis and lymphangiogenesis markers predict prognosis of non-small cell lung cancer patients. 2020 , 18, 443		31
125	Vitexin attenuates epithelial ovarian cancer cell viability and motility and carcinogenesis via p38 and ERK1/2 pathways related VEGFA. 2020 , 8, 1139		4
124	Exosomes and Extracellular Vesicles as Emerging Theranostic Platforms in Cancer Research. <i>Cells</i> , 2020 , 9,	7.9	14
123	VEGF promotes migration and invasion by regulating EMT and MMPs in nasopharyngeal carcinoma. 2020 , 11, 7291-7301		12
122	Neuropilins, as Relevant Oncology Target: Their Role in the Tumoral Microenvironment. 2020 , 8, 662		9
121	Old Player-New Tricks: Non Angiogenic Effects of the VEGF/VEGFR Pathway in Cancer. <i>Cancers</i> , 2020 , 12,	6.6	17
120	Counteracting Chemoresistance with Metformin in Breast Cancers: Targeting Cancer Stem Cells. <i>Cancers</i> , 2020 , 12,	6.6	10
119	NRP1 is a Prognostic Factor and Promotes the Growth and Migration of Cells in Intrahepatic Cholangiocarcinoma. 2020 , 12, 7021-7032		4
118	mTOR Modulates Intercellular Signals for Enlargement and Infiltration in Glioblastoma Multiforme. <i>Cancers</i> , 2020 , 12,	6.6	6
117	LOXL1 confers antiapoptosis and promotes gliomagenesis through stabilizing BAG2. 2020 , 27, 3021-3036		6
116	Brain tumor vessels-a barrier for drug delivery. 2020 , 39, 959-968		3
115	Bevacizumab dose adjustment to improve clinical outcomes of glioblastoma. 2020 , 18, 142		8
114	Clinical and histopathological analyses of VEGF receptors peptide vaccine in patients with primary glioblastoma - a case series. 2020 , 20, 196		8
113	Targeted molecular imaging of head and neck squamous cell carcinoma: a window into precision medicine. 2020 , 133, 1325-1336		4
112	Nei Endonuclease VIII-like 2 Gene rs8191670 Polymorphism affects the Sensitivity of Non-small Cell Lung Cancer to Cisplatin by binding with MiR-548a. 2020 , 11, 4801-4809		0
111	Cancer cell stemness, responses to experimental genotoxic treatments, cytomegalovirus protein expression and DNA replication stress in pediatric medulloblastomas. 2020 , 19, 727-741		1

110	Quantitative assessment and clinical relevance of VEGFRs-positive tumor cells in refractory brain tumors. 2020 , 114, 104408		2
109	Axon guidance receptors: Endocytosis, trafficking and downstream signaling from endosomes. 2021 , 198, 101916		8
108	Glioma stem cells and their roles within the hypoxic tumor microenvironment. 2021 , 11, 665-683		17
107	Design, synthesis, docking, ADMET studies, and anticancer evaluation of new 3-methylquinoxaline derivatives as VEGFR-2 inhibitors and apoptosis inducers. 2021 , 36, 1760-1782		19
106	A tumor-promoting role for soluble TRIII in glioblastoma. 2021 , 476, 2963-2973		0
105	Hypoxia-Induced Reactivity of Tumor-Associated Astrocytes Affects Glioma Cell Properties. <i>Cells</i> , 2021 , 10,	7.9	4
104	The CXCL2/IL8/CXCR2 Pathway Is Relevant for Brain Tumor Malignancy and Endothelial Cell Function. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
103	The miR-124-3p/Neuropilin-1 Axis Contributes to the Proliferation and Metastasis of Triple-Negative Breast Cancer Cells and Co-Activates the TGF- β Pathway. 2021 , 11, 654672		4
102	Inhibitory effects of terrein on lung cancer cell metastasis and angiogenesis. 2021 , 45,		2
101	Intratumor heterogeneity, microenvironment, and mechanisms of drug resistance in glioma recurrence and evolution. 2021 , 15, 551-561		9
100	Design and screening of a novel neuropilin-1 targeted penetrating peptide for anti-angiogenic therapy in glioma. 2021 , 270, 119113		1
99	RGD-Binding Integrins Revisited: How Recently Discovered Functions and Novel Synthetic Ligands (Re-)Shape an Ever-Evolving Field. <i>Cancers</i> , 2021 , 13,	6.6	20
98	Anti-Vascular Endothelial Growth Factor C Antibodies Efficiently Inhibit the Growth of Experimental Clear Cell Renal Cell Carcinomas. <i>Cells</i> , 2021 , 10,	7.9	3
97	Current Management of Angiosarcoma: Recent Advances and Lessons From the Past. 2021 , 22, 61		3
96	Multimodal Role of PACAP in Glioblastoma. 2021 , 11,		2
95	Neuropilin-1: A Key Protein to Consider in the Progression of Pediatric Brain Tumors. 2021 , 11, 665634		2
94	Bioscaffold-based study of glioblastoma cell behavior and drug delivery for tumor therapy. 2021 , 147, 105049		0
93	Peptide-conjugated nanoparticles for targeted photodynamic therapy. 2021 , 10, 3089-3134		3

92	The IL-13R alpha2 paves the way for anti-glioma nanotherapy. 2021 ,	
91	Role of the bone marrow microenvironment in drug resistance of hematological malignances. 2021 ,	0
90	Single-cell tracking reveals super-spreading brain cancer cells with high persistence. 2021 , 28, 101120	0
89	Neuropilin-1 predicts poor prognosis and promotes tumor metastasis through epithelial-mesenchymal transition in gastric cancer. 2021 , 12, 3648-3659	1
88	Endothelial Growth Factor Receptors in Angiogenesis. 2013 , 3-22	2
87	Breast Cancer Stem Cells: Role in Tumor Initiation, Progression, and Targeted Therapy. 2015 , 63-77	1
86	VEGF-A Splice Variants: Do They Play a Role in Tumor Responses to Anti-angiogenic Therapies?. 2014 , 421-442	0
85	Antibodies that Inhibit Specific Cellular Pathways in Gastric Cancer. 2017 , 101-113	1
84	Emerging Roles of TGF- β Co-receptors in Human Disease. 2013 , 59-89	1
83	Computational analysis and verification of molecular genetic targets for glioblastoma. 2020 , 40,	3
82	Neuropilin-1 upregulation elicits adaptive resistance to oncogene-targeted therapies. 2018 , 128, 3976-3990	35
81	Molecular and functional analysis of anchorage independent, treatment-evasive neuroblastoma tumorspheres with enhanced malignant properties: A possible explanation for radio-therapy resistance. 2018 , 13, e0189711	12
80	Apatinib inhibits tumor growth and angiogenesis in PNET models. 2019 , 8, 8-19	3
79	Apatinib inhibits VEGFR-2 and angiogenesis in an murine model of nasopharyngeal carcinoma. 2017 , 8, 52813-52822	28
78	Neuropilin-1 is a glial cell line-derived neurotrophic factor receptor in glioblastoma. 2017 , 8, 74019-74035	17
77	CPEB1 modulates differentiation of glioma stem cells via downregulation of HES1 and SIRT1 expression. 2014 , 5, 6756-69	26
76	Characterization of brain tumor initiating cells isolated from an animal model of CNS primitive neuroectodermal tumors. 2018 , 9, 13733-13747	5
75	Glioma cell VEGFR-2 confers resistance to chemotherapeutic and antiangiogenic treatments in PTEN-deficient glioblastoma. 2015 , 6, 31050-68	35

74	The gain-of-function GLI1 transcription factor TGLI1 enhances expression of VEGF-C and TEM7 to promote glioblastoma angiogenesis. 2015 , 6, 22653-65	38
73	Modulation of cerebral endothelial cell function by TGF- β in glioblastoma: VEGF-dependent angiogenesis versus endothelial mesenchymal transition. 2015 , 6, 22480-95	42
72	Bevacizumab and radiotherapy for the treatment of glioblastoma: brothers in arms or unholy alliance?. 2016 , 7, 2313-28	26
71	Ablation of Neuropilin 1 from glioma-associated microglia and macrophages slows tumor progression. 2016 , 7, 9801-14	43
70	VEGF promotes gastric cancer development by upregulating CRMP4. 2016 , 7, 17074-86	14
69	Autocrine glutamatergic transmission for the regulation of embryonal carcinoma stem cells. 2016 , 7, 49552-49564	3
68	Changes in the Expression Profile of VEGF-A, VEGF-B, VEGFR-1, VEGFR-2 in Different Grades of Endometrial Cancer. 2019 , 20, 955-963	10
67	combination therapy of pathologic angiogenesis using anti-vascular endothelial growth factor and anti-neuropilin-1 nanobodies. 2020 , 23, 1335-1339	3
66	Extraordinary response of metastatic pancreatic cancer to apatinib after failed chemotherapy: A case report and literature review. 2017 , 23, 7478-7488	19
65	S100A8 facilitates cholangiocarcinoma metastasis via upregulation of VEGF through TLR4/NF-B pathway activation. 2020 , 56, 101-112	4
64	Contributions of immune cell populations in the maintenance, progression, and therapeutic modalities of glioma. 2018 , 2, 24-44	2
63	Clinical advances in the development of novel VEGFR2 inhibitors. 2014 , 2, 123	86
62	Neuropilin-1 functions as a VEGFR2 co-receptor to guide developmental angiogenesis independent of ligand binding. 2014 , 3, e03720	89
61	PTX3 Mediates the Infiltration, Migration, and M2-Polarization of Macrophages in Glioblastoma by Large-Scale Single Cell Sequencing Analysis and in vitro Experiments.	
60	Re-Expression of Poly/Oligo-Sialylated Adhesion Molecules on the Surface of Tumor Cells Disrupts Their Interaction with Immune-Effector Cells and Contributes to Pathophysiological Immune Escape. <i>Cancers</i> , 2021 , 13,	6.6 2
59	Autocrine VEGF-VEGFR2/Neuropilin-1 signaling promotes glioma stem-like cell viability and tumor growth. 2012 , 196, i9-i9	
58	Neural Stem Cells and Cerebral Ischemia Injury. 2014 , 03, 1-3	
57	Resistance to Antiangiogenic Treatments via Upregulation of Substitution Pathways. 2014 , 397-419	

56	Targeting Cancer Stem Cells and the Tumor Microenvironment. 2015 , 445-476	
55	Cancer Stem Cell: From Conjecture to Reality. 2017 , 757-787	
54	Endothelial Growth Factor Receptors in Angiogenesis. 2017 , 3-22	
53	The Role of the Neuropilins in Tumour Angiogenesis and Tumour Progression. 2017 , 163-186	
52	VEGF-C as a putative therapeutic target in cancer. 2019 , 10, 3988-3990	0
51	Glioblastoma: Prognostic Factors and Predictive Response to Radio and Chemotherapy. 2020 , 27, 2814-2825	1
50	Development and Verification of Glutamatergic Synapse-Associated Prognosis Signature for Lower-Grade Gliomas. 2021 , 14, 720899	1
49	Clinical Analysis of Apatinib in the Treatment of Patients with Residual Tumor after Radical Chemoradiotherapy for Locally Advanced Cervical Cancer. 9, 20-24	
48	Targeting neuropilin-1 interactions is a promising anti-tumor strategy. 2020 , 134, 508-517	5
47	Regulation of cancer stem cell activities by tumor-associated macrophages. 2012 , 2, 529-39	23
46	Fms related tyrosine kinase 1 (Flt1) functions as an oncogene and regulates glioblastoma cell metastasis by regulating sonic hedgehog signaling. 2017 , 7, 1164-1176	3
45	Targeting ELTD1, an angiogenesis marker for glioblastoma (GBM), also affects VEGFR2: molecular-targeted MRI assessment. 2019 , 9, 93-109	11
44	Genetic Deletion of Vascular Endothelial Growth Factor Receptor 2 in Endothelial Cells Leads to Immediate Disruption of Tumor Vessels and Aggravation of Hypoxia. 2021 ,	0
43	Prostate Apoptosis Response-4: a Therapeutic Target for Malignant Gliomas. 2021 , 77-111	
42	RhoJ facilitates angiogenesis in glioblastoma via JNK/VEGFR2 mediated activation of PAK and ERK signaling pathways.. 2022 , 18, 942-955	1
41	Circular RNAs and glioblastoma multiforme: focus on molecular mechanisms.. 2022 , 20, 13	2
40	Targeted therapy of angiogenesis using anti-VEGFR2 and anti-NRP-1 nanobodies.. 2022 , 89, 165	1
39	Advancements, Challenges, and Future Directions in Tackling Glioblastoma Resistance to Small Kinase Inhibitors.. <i>Cancers</i> , 2022 , 14,	6.6 2

38	Procyanidin B2 inhibits angiogenesis and cell growth in oral squamous cell carcinoma cells through the vascular endothelial growth factor (VEGF)/VEGF receptor 2 (VEGFR2) pathway.. 2022 , 13, 6500-6508		2
37	A Study on Immune Cell Infiltration in Lung Adenocarcinoma.. 2022 ,		0
36	Key Role of Astrocytes in Postnatal Brain and Retinal Angiogenesis.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
35	PD-L1 Upregulation by the mTOR Pathway in VEGFR-TKI-Resistant Metastatic Clear Cell Renal Cell Carcinoma.. 2022 ,		
34	CRISPR-mediated knockout of VEGFR2/KDR inhibits cell growth in a squamous thyroid cancer cell line.. 2022 ,		1
33	MOF@COF nanocapsule for the enhanced microwave thermal-dynamic therapy and anti-angiogenesis of colorectal cancer.. 2022 , 283, 121472		10
32	Targeting Aggressive Pituitary Adenomas at the Molecular Level-A Review.. 2021 , 11,		3
31	Establishment of an oral squamous cell carcinoma cell line expressing vascular endothelial growth factor a and its two receptors. 2022 ,		
30	PDGF signaling inhibits mitophagy in glioblastoma stem cells through N-methyladenosine. 2022 ,		2
29	Anti-Angiogenetic and Anti-Lymphangiogenic Effects of a Novel 2-Aminobenzimidazole Derivative, MFB. 12,		1
28	VEGF and VEGFR family members are expressed by neoplastic cells of NF1-associated tumors and may play an oncogenic role in malignant peripheral nerve sheath tumor growth through an autocrine loop. 2022 , 151997		
27	Neuropilins as Cancer Biomarkers: A Focus on Neuronal Origin and Specific Cell Functions. 2022 , 295-306		
26	VEGF-B targeting by aryl hydrocarbon receptor mediates the migration and invasion of choriocarcinoma stem-like cells. 2022 , 22,		
25	Dynamic Interactions between Tumor Cells and Brain Microvascular Endothelial Cells in Glioblastoma. <i>Cancers</i> , 2022 , 14, 3128	6.6	1
24	Hedgehog signaling regulates the development and treatment of glioblastoma (Review). <i>Oncology Letters</i> , 2022 , 24,	2.6	
23	Suppressing VEGF-A/VEGFR-2 Signaling Contributes to the Anti-Angiogenic Effects of PPE8, a Novel Naphthoquinone-Based Compound. <i>Cells</i> , 2022 , 11, 2114	7.9	1
22	Comprehensive Computational Analysis of Honokiol Targets for Cell Cycle Inhibition and Immunotherapy in Metastatic Breast Cancer Stem Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022 , 2022, 1-18	2.3	
21	Molecular and Circulating Biomarkers in Patients with Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 7474	6.3	1

20	Polo-like Kinase 1 Inhibitors in Human Cancer Therapy: Development and Therapeutic Potential. <i>Journal of Medicinal Chemistry</i> ,	8.3	3
19	PTX3 mediates the infiltration, migration, and inflammation-resolving-polarization of macrophages in glioblastoma.		1
18	Potential Role of Cancer Stem Cells in Glioblastoma: A Therapeutic Aspect.		
17	Tumor spheroids accelerate persistently invading cancer cells. 2022 , 12,		1
16	From protein-protein interactions to immune modulation: Therapeutic prospects of targeting Neuropilin-1 in high-grade glioma. 13,		0
15	Role of the TSPONOX4 axis in angiogenesis in glioblastoma. 13,		0
14	Serpin family A member 1 is an oncogene in glioma and its translation is enhanced by NAD(P)H quinone dehydrogenase 1 through RNA-binding activity. 2022 , 17, 1645-1654		0
13	Immunogenic cell death-related risk signature predicts prognosis and characterizes the tumour microenvironment in lower-grade glioma. 13,		0
12	Alkaloid Derivative (Z)-3-Ethylamino-Pregn-17(20)-en Inhibits Triple-Negative Breast Cancer Metastasis and Angiogenesis by Targeting HSP90 2022 , 27, 7132		0
11	Soluble CD146, a biomarker and a target for preventing resistance to anti-angiogenic therapy in glioblastoma. 2022 , 10,		1
10	Prognostic value of γ -aminobutyric acidergic synapse-associated signature for lower-grade gliomas. 13,		1
9	NRP1 contributes to stemness and potentiates radioresistance via WTAP-mediated m6A methylation of Bcl-2 mRNA in breast cancer.		0
8	CPSF4 promotes tumor-initiating phenotype by enhancing VEGF/NRP2/TAZ signaling in lung cancer. 2023 , 40,		0
7	Crosstalk between cancer stem cells and the tumor microenvironment drives progression of premalignant oral epithelium. 3,		0
6	Recent Advances in Tetrakis (4-Carboxyphenyl) Porphyrin-Based Nanocomposites for Tumor Therapy. 2200136		0
5	Immunostaining protocol for infiltrating brain cancer spheroids for light-sheet imaging. 2023 , 18, e0281161		0
4	LINC01798/miR-17-5p axis regulates ITGA8 and causes changes in tumor microenvironment and stemness in lung adenocarcinoma. 14,		0
3	Genomic Interplay between Neoneurogenesis and Neoangiogenesis in Carcinogenesis: Therapeutic Interventions. 2023 , 15, 1805		0

- 2 Targeting Glioblastoma-Associated Macrophages for Photodynamic Therapy Using AGuIX[®] -Design Nanoparticles. **2023**, 15, 997 ○
- 1 Scandium-44: Diagnostic Feasibility in Tumor-Related Angiogenesis. **2023**, 24, 7400 ○