Devanand Sarkar

List of Publications by Citations

186 papers	9,428 citations	52 h-index	89 g-index
190 ext. papers	10,463 ext. citations	7.1 avg, IF	5.96 L-index

#	Paper	IF	Citations
186	Interleukin-10 and related cytokines and receptors. *Annual Review of Immunology*, **2004**, 22, 929-79	34.7	915
185	mda-7 (IL-24) Mediates selective apoptosis in human melanoma cells by inducing the coordinated overexpression of the GADD family of genes by means of p38 MAPK. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 10054-9	11.5	275
184	Molecular mechanisms of aging-associated inflammation. *Cancer Letters*, **2006**, 236, 13-23	9.9	266
183	Astrocyte elevated gene-1 regulates hepatocellular carcinoma development and progression. *Journal of Clinical Investigation*, **2009**, 119, 465-77	15.9	266
182	Cloning and characterization of HIV-1-inducible astrocyte elevated gene-1, AEG-1. *Gene*, **2005**, 353, 8-15	3.8	244
181	Activation of the nuclear factor kappaB pathway by astrocyte elevated gene-1: implications for tumor progression and metastasis. *Cancer Research*, **2006**, 66, 1509-16	10.1	241
180	Molecular basis of nuclear factor-kappaB activation by astrocyte elevated gene-1. *Cancer Research*, **2008**, 68, 1478-84	10.1	194
179	Astrocyte elevated gene-1 (AEG-1) is a target gene of oncogenic Ha-ras requiring phosphatidylinositol 3-kinase and c-Myc. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 17390-5	11.5	194
178	Molecular mechanism of chemoresistance by astrocyte elevated gene-1. *Cancer Research*, **2010**, 70, 3249-58	10.1	174
177	Astrocyte elevated gene-1 (AEG-1) functions as an oncogene and regulates angiogenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 21300-5	11.5	164
176	Melanoma differentiation associated gene-7, mda-7/IL-24, selectively induces growth suppression, apoptosis and radiosensitization in malignant gliomas in a p53-independent manner. *Oncogene*, **2003**, 22, 1164-80	9.2	155
175	mda-7/IL-24: multifunctional cancer-specific apoptosis-inducing cytokine **2006**, 111, 596-628		151
174	Astrocyte elevated gene-1: recent insights into a novel gene involved in tumor progression, metastasis and neurodegeneration **2007**, 114, 155-70		140
173	Identification of genes conferring resistance to 5-fluorouracil. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 12938-43	11.5	128
172	Unique aspects of mda-7/IL-24 antitumor bystander activity: establishing a role for secretion of MDA-7/IL-24 protein by normal cells. *Oncogene*, **2005**, 24, 7552-66	9.2	125
171	Gene Therapies for Cancer: Strategies, Challenges and Successes. *Journal of Cellular Physiology*, **2015**, 230, 259-71	7	119
170	Increased RNA-induced silencing complex (RISC) activity contributes to hepatocellular carcinoma. *Hepatology*, **2011**, 53, 1538-48	11.2	118

169	Dual cancer-specific targeting strategy cures primary and distant breast carcinomas in nude mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 14034-9	11.5	105
168	Multifunction protein staphylococcal nuclease domain containing 1 (SND1) promotes tumor angiogenesis in human hepatocellular carcinoma through novel pathway that involves nuclear factor B and miR-221. *Journal of Biological Chemistry*, **2012**, 287, 13952-8	5.4	102
167	Apogossypol derivative BI-97C1 (Sabutoclax) targeting Mcl-1 sensitizes prostate cancer cells to mda-7/IL-24-mediated toxicity. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 8785-90	11.5	101
166	Autocrine regulation of mda-7/IL-24 mediates cancer-specific apoptosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 9763-8	11.5	101
165	Astrocyte elevated gene-1: a novel target for human glioma therapy. *Molecular Cancer Therapeutics* , **2010**, 9, 79-88	6.1	99
164	mda-7/IL-24: exploiting cancerB AchillesBheel. *Molecular Therapy*, **2005**, 11, 4-18	11.7	92
163	Astrocyte elevated gene-1 (AEG-1): A multifunctional regulator of normal and abnormal physiology. *Pharmacology & Therapeutics*, **2011**, 130, 1-8	13.9	91
162	Astrocyte elevated gene-1 induces protective autophagy. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 22243-8	11.5	91
161	mda-7/IL-24: a unique member of the IL-10 gene family promoting cancer-targeted toxicity. *Cytokine and Growth Factor Reviews*, **2010**, 21, 381-91	17.9	86
160	mda-9/Syntenin: a positive regulator of melanoma metastasis. *Cancer Research*, **2005**, 65, 10901-11	10.1	86
159	mda-9/Syntenin promotes metastasis in human melanoma cells by activating c-Src. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 15914-9	11.5	85
158	mda-7 (IL-24) Inhibits growth and enhances radiosensitivity of glioma cells in vitro via JNK signaling. *Cancer Biology and Therapy*, **2003**, 2, 347-53	4.6	85
157	MDA-7/IL-24: multifunctional cancer killing cytokine. *Advances in Experimental Medicine and Biology*, **2014**, 818, 127-53	3.6	84
156	Astrocyte elevated gene-1: far more than just a gene regulated in astrocytes. *Cancer Research*, **2009** , 69, 8529-35	10.1	83
155	Historical perspective and recent insights into our understanding of the molecular and biochemical basis of the antitumor properties of mda-7/IL-24. *Cancer Biology and Therapy*, **2009**, 8, 391-400	4.6	74
154	Melanoma differentiation associated gene-7/interleukin-24 (mda-7/IL-24): novel gene therapeutic for metastatic melanoma. *Toxicology and Applied Pharmacology*, **2007**, 224, 300-7	4.6	71
153	AEG-1/MTDH/LYRIC: clinical significance. *Advances in Cancer Research*, **2013**, 120, 39-74	5.9	70
152	Eradication of therapy-resistant human prostate tumors using a cancer terminator virus. *Cancer Research*, **2007**, 67, 5434-42	10.1	69

151	MDA-9/syntenin and IGFBP-2 promote angiogenesis in human melanoma. *Cancer Research*, **2013**, 73, 844-54	10.1	67
150	Targeting gene expression selectively in cancer cells by using the progression-elevated gene-3 promoter. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 1059-64	11.5	67
149	MDA-9/Syntenin regulates protective autophagy in anoikis-resistant glioma stem cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 5768-5773	11.5	67
148	Insulin-like growth factor-binding protein-7 functions as a potential tumor suppressor in hepatocellular carcinoma. *Clinical Cancer Research*, **2011**, 17, 6693-701	12.9	65
147	Down-regulation of Myc as a potential target for growth arrest induced by human polynucleotide phosphorylase (hPNPaseold-35) in human melanoma cells. *Journal of Biological Chemistry*, **2003**, 278, 24542-51	5.4	64
146	Evolution of MDA-5/RIG-I-dependent innate immunity: independent evolution by domain grafting. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 17040-5	11.5	63
145	Eradication of therapy-resistant human prostate tumors using an ultrasound-guided site-specific cancer terminator virus delivery approach. *Molecular Therapy*, **2010**, 18, 295-306	11.7	61
144	Induction of reactive oxygen species renders mutant and wild-type K-ras pancreatic carcinoma cells susceptible to Ad.mda-7-induced apoptosis. *Oncogene*, **2005**, 24, 585-96	9.2	61
143	Astrocyte elevated gene-1 promotes hepatocarcinogenesis: novel insights from a mouse model. *Hepatology*, **2012**, 56, 1782-91	11.2	60
142	Inhibition of radiation-induced glioblastoma invasion by genetic and pharmacological targeting of MDA-9/Syntenin. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 370-375	11.5	57
141	Restoring apoptosis as a strategy for cancer gene therapy: focus on p53 and mda-7. *Seminars in Cancer Biology*, **2003**, 13, 169-78	12.7	57
140	Transcription factor Late SV40 Factor (LSF) functions as an oncogene in hepatocellular carcinoma. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 8357-62	11.5	56
139	mda-9/Syntenin: more than just a simple adapter protein when it comes to cancer metastasis. *Cancer Research*, **2008**, 68, 3087-93	10.1	56
138	Dormancy and cancer stem cells: An enigma for cancer therapeutic targeting. *Advances in Cancer Research*, **2019**, 141, 43-84	5.9	55
137	Suppression of miR-184 in malignant gliomas upregulates SND1 and promotes tumor aggressiveness. *Neuro-Oncology*, **2015**, 17, 419-29	1	54
136	Human polynucleotide phosphorylase (hPNPaseold-35): a potential link between aging and inflammation. *Cancer Research*, **2004**, 64, 7473-8	10.1	54
135	Molecular target-based therapy of pancreatic cancer. *Cancer Research*, **2006**, 66, 2403-13	10.1	53
134	Astrocyte elevated gene-1 interacts with Akt isoform 2 to control glioma growth, survival, and pathogenesis. *Cancer Research*, **2014**, 74, 7321-32	10.1	51

133	MDA-9/syntenin: a positive gatekeeper of melanoma metastasis. *Frontiers in Bioscience - Landmark*, **2012**, 17, 1-15	2.8	51
132	mda-9/syntenin: recent insights into a novel cell signaling and metastasis-associated gene **2004**, 104, 101-15		51
131	Role of the staphylococcal nuclease and tudor domain containing 1 in oncogenesis (review). *International Journal of Oncology*, **2015**, 46, 465-73	4.4	49
130	Raf kinase inhibitor RKIP inhibits MDA-9/syntenin-mediated metastasis in melanoma. *Cancer Research*, **2012**, 72, 6217-26	10.1	49
129	Ceramide plays a prominent role in MDA-7/IL-24-induced cancer-specific apoptosis. *Journal of Cellular Physiology*, **2010**, 222, 546-55	7	49
128	N-glycosylation of MDA-7/IL-24 is dispensable for tumor cell-specific apoptosis and "bystander" antitumor activity. *Cancer Research*, **2006**, 66, 11869-77	10.1	49
127	Defining the domains of human polynucleotide phosphorylase (hPNPaseOLD-35) mediating cellular senescence. *Molecular and Cellular Biology*, **2005**, 25, 7333-43	4.8	49
126	AEG-1/MTDH/LYRIC, the beginning: initial cloning, structure, expression profile, and regulation of expression. *Advances in Cancer Research*, **2013**, 120, 1-38	5.9	48
125	Novel role of MDA-9/syntenin in regulating urothelial cell proliferation by modulating EGFR signaling. *Clinical Cancer Research*, **2013**, 19, 4621-33	12.9	48
124	The development of MDA-7/IL-24 as a cancer therapeutic. *Pharmacology & Therapeutics*, **2010**, 128, 375-84	13.9	48
123	MDA-9/syntenin is a key regulator of glioma pathogenesis. *Neuro-Oncology*, **2014**, 16, 50-61	1	47
122	Targeted virus replication plus immunotherapy eradicates primary and distant pancreatic tumors in nude mice. *Cancer Research*, **2005**, 65, 9056-63	10.1	47
121	mda-7/IL-24, novel anticancer cytokine: focus on bystander antitumor, radiosensitization and antiangiogenic properties and overview of the phase I clinical experience (Review). *International Journal of Oncology*, **2007**, 31, 985-1007	1	47
120	Hepatocellular carcinoma (HCC): Epidemiology, etiology and molecular classification. *Advances in Cancer Research*, **2021**, 149, 1-61	5.9	46
119	Melanoma differentiation associated gene-7 (mda-7)/IL-24: a ®magic bullet¯ for cancer therapy?. *Expert Opinion on Biological Therapy*, **2007**, 7, 577-86	5.4	45
118	MDA-7/IL-24 as a cancer therapeutic: from bench to bedside. *Anti-Cancer Drugs*, **2010**, 21, 725-31	2.4	42
117	MDA-7/IL-24 plus radiation enhance survival in animals with intracranial primary human GBM tumors. *Cancer Biology and Therapy*, **2008**, 7, 917-33	4.6	42
116	MDA-7 (interleukin-24) inhibits the proliferation of renal carcinoma cells and interacts with free radicals to promote cell death and loss of reproductive capacity. *Molecular Cancer Therapeutics*, **2003**, 2, 623-32	6.1	41

115	Insulin-like growth factor-binding protein-7 (IGFBP7): a promising gene therapeutic for hepatocellular carcinoma (HCC). *Molecular Therapy*, **2013**, 21, 758-66	11.7	40
114	Targeting tumor invasion: the roles of MDA-9/Syntenin. *Expert Opinion on Therapeutic Targets*, **2015**, 19, 97-112	6.4	40
113	Mcl-1 is an important therapeutic target for oral squamous cell carcinomas. *Oncotarget*, **2015**, 6, 16623-37	5.3	40
112	Enhanced delivery of mda-7/IL-24 using a serotype chimeric adenovirus (Ad.5/3) in combination with the Apogossypol derivative BI-97C1 (Sabutoclax) improves therapeutic efficacy in low CAR colorectal cancer cells. *Journal of Cellular Physiology*, **2012**, 227, 2145-53	7	39
111	Polynucleotide phosphorylase: an evolutionary conserved gene with an expanding repertoire of functions **2006**, 112, 243-63		39
110	Ionizing radiation enhances adenoviral vector expressing mda-7/IL-24-mediated apoptosis in human ovarian cancer. *Journal of Cellular Physiology*, **2006**, 208, 298-306	7	39
109	Genetic deletion of AEG-1 prevents hepatocarcinogenesis. *Cancer Research*, **2014**, 74, 6184-93	10.1	38
108	Mediates Cancer Cell-Specific Death via Regulation of miR-221 and the Beclin-1 Axis. *Cancer Research*, **2017**, 77, 949-959	10.1	37
107	Combination of Nanoparticle-Delivered siRNA for Astrocyte Elevated Gene-1 (AEG-1) and All-trans Retinoic Acid (ATRA): An Effective Therapeutic Strategy for Hepatocellular Carcinoma (HCC). *Bioconjugate Chemistry*, **2015**, 26, 1651-61	6.3	37
106	Inhibition of multiple protective signaling pathways and Ad.5/3 delivery enhances mda-7/IL-24 therapy of malignant glioma. *Molecular Therapy*, **2010**, 18, 1130-42	11.7	37
105	MDA-7/IL-24-induced cell killing in malignant renal carcinoma cells occurs by a ceramide/CD95/PERK-dependent mechanism. *Molecular Cancer Therapeutics*, **2009**, 8, 1280-91	6.1	37
104	Novel mechanism of MDA-7/IL-24 cancer-specific apoptosis through SARI induction. *Cancer Research*, **2014**, 74, 563-74	10.1	36
103	AEG-1/MTDH/LYRIC in liver cancer. *Advances in Cancer Research*, **2013**, 120, 193-221	5.9	36
102	Mechanism of in vitro pancreatic cancer cell growth inhibition by melanoma differentiation-associated gene-7/interleukin-24 and perillyl alcohol. *Cancer Research*, **2008**, 68, 7439-47	10.1	35
101	Combinatorial treatment of non-small-cell lung cancers with gefitinib and Ad.mda-7 enhances apoptosis-induction and reverses resistance to a single therapy. *Journal of Cellular Physiology*, **2007**, 210, 549-59	7	34
100	Strategy for reversing resistance to a single anticancer agent in human prostate and pancreatic carcinomas. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 3484-9	11.5	34
99	Astrocyte elevated gene-1 and c-Myc cooperate to promote hepatocarcinogenesis in mice. *Hepatology*, **2015**, 61, 915-29	11.2	33
98	AEG-1 regulates retinoid X receptor and inhibits retinoid signaling. *Cancer Research*, **2014**, 74, 4364-77	10.1	33

97	c-Met activation through a novel pathway involving osteopontin mediates oncogenesis by the transcription factor LSF. *Journal of Hepatology*, **2011**, 55, 1317-24	13.4	31
96	MDA-7/IL-24 functions as a tumor suppressor gene in vivo in transgenic mouse models of breast cancer. *Oncotarget*, **2015**, 6, 36928-42	3.3	31
95	Chemoprevention by perillyl alcohol coupled with viral gene therapy reduces pancreatic cancer pathogenesis. *Molecular Cancer Therapeutics*, **2008**, 7, 2042-50	6.1	30
94	Staphylococcal nuclease domain containing-1 (SND1) promotes migration and invasion via angiotensin II type 1 receptor (AT1R) and TGF signaling. *FEBS Open Bio*, **2014**, 4, 353-61	2.7	29
93	Cisplatin enhances protein kinase R-like endoplasmic reticulum kinase- and CD95-dependent melanoma differentiation-associated gene-7/interleukin-24-induced killing in ovarian carcinoma cells. *Molecular Pharmacology*, **2010**, 77, 298-310	4.3	29
92	Targeted combinatorial therapy of non-small cell lung carcinoma using a GST-fusion protein of full-length or truncated MDA-7/IL-24 with Tarceva. *Journal of Cellular Physiology*, **2008**, 215, 827-36	7	29
91	MDA-9/Syntenin (SDCBP) modulates small GTPases RhoA and Cdc42 via transforming growth factor 1 to enhance epithelial-mesenchymal transition in breast cancer. *Oncotarget*, **2016**, 7, 80175-80189	3.3	28
90	Oncogenic Role of SND1 in Development and Progression of Hepatocellular Carcinoma. *Cancer Research*, **2017**, 77, 3306-3316	10.1	27
89	Current Status of Gene Therapy in Hepatocellular Carcinoma. *Cancers*, **2019**, 11,	6.6	27
88	The Enigma of miRNA Regulation in Cancer. *Advances in Cancer Research*, **2017**, 135, 25-52	5.9	27
87	Staphylococcal Nuclease and Tudor Domain Containing 1 (SND1 Protein) Promotes Hepatocarcinogenesis by Inhibiting Monoglyceride Lipase (MGLL). *Journal of Biological Chemistry*, **2016**, 291, 10736-46	5.4	27
86	Pancreatic cancer-specific cell death induced in vivo by cytoplasmic-delivered polyinosine-polycytidylic acid. *Cancer Research*, **2014**, 74, 6224-35	10.1	27
85	Late SV40 factor (LSF) enhances angiogenesis by transcriptionally up-regulating matrix metalloproteinase-9 (MMP-9). *Journal of Biological Chemistry*, **2012**, 287, 3425-32	5.4	27
84	The MDA-9/Syntenin/IGF1R/STAT3 Axis Directs Prostate Cancer Invasion. *Cancer Research*, **2018**, 78, 2852-2863	10.1	26
83	mda-7/IL-24 differentially regulates soluble and nuclear clusterin in prostate cancer. *Journal of Cellular Physiology*, **2012**, 227, 1805-13	7	26
82	Antiproliferative small-molecule inhibitors of transcription factor LSF reveal oncogene addiction to LSF in hepatocellular carcinoma. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 4503-8	11.5	26
81	IGFBP7 Deletion Promotes Hepatocellular Carcinoma. *Cancer Research*, **2017**, 77, 4014-4025	10.1	25
80	Therapy of prostate cancer using a novel cancer terminator virus and a small molecule BH-3 mimetic. *Oncotarget*, **2015**, 6, 10712-27	3.3	25

79	Emerging role of lncRNA in cancer: a potential avenue in molecular medicine. *Annals of Translational Medicine*, **2016**, 4, 286	3.2	25
78	mda-7/IL-24 Induces Cell Death in Neuroblastoma through a Novel Mechanism Involving AIF and ATM. *Cancer Research*, **2016**, 76, 3572-82	10.1	25
77	Oncoprotein AEG-1 is an endoplasmic reticulum RNA-binding protein whose interactome is enriched in organelle resident protein-encoding mRNAs. *Rna*, **2018**, 24, 688-703	5.8	24
76	Role of MDA-7/IL-24 a Multifunction Protein in Human Diseases. *Advances in Cancer Research*, **2018**, 138, 143-182	5.9	23
75	Regulation of protective autophagy in anoikis-resistant glioma stem cells by SDCBP/MDA-9/Syntenin. *Autophagy*, **2018**, 14, 1845-1846	10.2	22
74	Genetically engineered mice as experimental tools to dissect the critical events in breast cancer. *Advances in Cancer Research*, **2014**, 121, 331-382	5.9	22
73	MDA-7/IL-24 regulates the miRNA processing enzyme DICER through downregulation of MITF. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 5687-5692	11.5	21
72	Examination of Epigenetic and other Molecular Factors Associated with mda-9/Syntenin Dysregulation in Cancer Through Integrated Analyses of Public Genomic Datasets. *Advances in Cancer Research*, **2015**, 127, 49-121	5.9	21
71	Pancreatic Cancer Combination Therapy Using a BH3 Mimetic and a Synthetic Tetracycline. *Cancer Research*, **2015**, 75, 2305-15	10.1	21
70	Unique conditionally replication competent bipartite adenoviruses-cancer terminator viruses (CTV): efficacious reagents for cancer gene therapy. *Cell Cycle*, **2006**, 5, 1531-6	4.7	21
69	Developing an effective gene therapy for prostate cancer: New technologies with potential to translate from the laboratory into the clinic. *Discovery Medicine*, **2011**, 11, 46-56	2.5	21
68	Chapter One---Cancer terminator viruses and approaches for enhancing therapeutic outcomes. *Advances in Cancer Research*, **2012**, 115, 1-38	5.9	21
67	Therapy of pancreatic cancer via an EphA2 receptor-targeted delivery of gemcitabine. *Oncotarget*, **2016**, 7, 17103-10	3.3	20
66	Astrocyte Elevated Gene-1 Regulates Catenin Signaling to Maintain Glioma Stem-like Stemness and Self-Renewal. *Molecular Cancer Research*, **2017**, 15, 225-233	6.6	19
65	Enhanced prostate cancer gene transfer and therapy using a novel serotype chimera cancer terminator virus (Ad.5/3-CTV). *Journal of Cellular Physiology*, **2014**, 229, 34-43	7	19
64	In vivo modeling of malignant glioma: the road to effective therapy. *Advances in Cancer Research*, **2014**, 121, 261-330	5.9	19
63	Histone deacetylase inhibitors interact with melanoma differentiation associated-7/interleukin-24 to kill primary human glioblastoma cells. *Molecular Pharmacology*, **2013**, 84, 171-81	4.3	19
62	Potential molecular mechanism for rodent tumorigenesis: mutational generation of Progression Elevated Gene-3 (PEG-3). *Oncogene*, **2005**, 24, 2247-55	9.2	19

61	Novel function of MDA-9/Syntenin (SDCBP) as a regulator of survival and stemness in glioma stem cells. *Oncotarget*, **2016**, 7, 54102-54119	3.3	19
60	MDA-9/Syntenin (SDCBP) Is a Critical Regulator of Chemoresistance, Survival and Stemness in Prostate Cancer Stem Cells. *Cancers*, **2019**, 12,	6.6	19
59	Tetraspanin 8 mediates AEG-1-induced invasion and metastasis in hepatocellular carcinoma cells. *FEBS Letters*, **2016**, 590, 2700-8	3.8	19
58	Small molecule inhibitors of Late SV40 Factor (LSF) abrogate hepatocellular carcinoma (HCC): Evaluation using an endogenous HCC model. *Oncotarget*, **2015**, 6, 26266-77	3.3	18
57	Combining histone deacetylase inhibitors with MDA-7/IL-24 enhances killing of renal carcinoma cells. *Cancer Biology and Therapy*, **2013**, 14, 1039-49	4.6	17
56	Human polynucleotide phosphorylase (hPNPase old-35): an RNA degradation enzyme with pleiotrophic biological effects. *Cell Cycle*, **2006**, 5, 1080-4	4.7	17
55	Knockout of MDA-9/Syntenin (SDCBP) expression in the microenvironment dampens tumor-supporting inflammation and inhibits melanoma metastasis. *Oncotarget*, **2016**, 7, 46848-46861	3.3	17
54	A novel role of astrocyte elevated gene-1 (AEG-1) in regulating nonalcoholic steatohepatitis (NASH). *Hepatology*, **2017**, 66, 466-480	11.2	16
53	Molecular-genetic imaging of cancer. *Advances in Cancer Research*, **2014**, 124, 131-69	5.9	16
52	The role of AEG-1 in the development of liver cancer. *Hepatic Oncology*, **2015**, 2, 303-312	4	15
51	Vascular mimicry: Triggers, molecular interactions and in vivo models. *Advances in Cancer Research*, **2020**, 148, 27-67	5.9	15
50	Abrus agglutinin is a potent anti-proliferative and anti-angiogenic agent in human breast cancer. *International Journal of Cancer*, **2016**, 139, 457-66	7.5	15
49	Astrocyte Elevated Gene-1 (AEG-1) Regulates Lipid Homeostasis. *Journal of Biological Chemistry*, **2015**, 290, 18227-18236	5.4	14
48	Astrocyte Elevated Gene-1 (AEG-1) Contributes to Non-thyroidal Illness Syndrome (NTIS) Associated with Hepatocellular Carcinoma (HCC). *Journal of Biological Chemistry*, **2015**, 290, 15549-15558	5.4	14
47	Suppression of Her2/Neu mammary tumor development in mda-7/IL-24 transgenic mice. *Oncotarget*, **2015**, 6, 36943-54	3.3	14
46	Recent insights into apoptosis and toxic autophagy: The roles of MDA-7/IL-24, a multidimensional anti-cancer therapeutic. *Seminars in Cancer Biology*, **2020**, 66, 140-154	12.7	14
45	Astrocyte Elevated Gene-1 Regulates Macrophage Activation in Hepatocellular Carcinogenesis. *Cancer Research*, **2018**, 78, 6436-6446	10.1	14
44	Recombinant MDA-7/IL24 Suppresses Prostate Cancer Bone Metastasis through Downregulation of the Akt/Mcl-1 Pathway. *Molecular Cancer Therapeutics*, **2018**, 17, 1951-1960	6.1	14

43	mda-7 (IL-24): signaling and functional roles. *BioTechniques*, **2002**, Suppl, 30-9	2.5	14
42	MDA-9/Syntenin (SDCBP): Novel gene and therapeutic target for cancer metastasis. *Pharmacological Research*, **2020**, 155, 104695	10.2	13
41	Regulation of neuroblastoma migration, invasion, and in vivo metastasis by genetic and pharmacological manipulation of MDA-9/Syntenin. *Oncogene*, **2019**, 38, 6781-6793	9.2	13
40	Suppression of Prostate Cancer Pathogenesis Using an MDA-9/Syntenin (SDCBP) PDZ1 Small-Molecule Inhibitor. *Molecular Cancer Therapeutics*, **2019**, 18, 1997-2007	6.1	12
39	Association of Adipose Tissue and Adipokines with Development of Obesity-Induced Liver Cancer. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	12
38	New Insights Into Beclin-1: Evolution and Pan-Malignancy Inhibitor Activity. *Advances in Cancer Research*, **2018**, 137, 77-114	5.9	11
37	Rethinking Glioblastoma Therapy: MDA-9/Syntenin Targeted Small Molecule. *ACS Chemical Neuroscience*, **2019**, 10, 1121-1123	5.7	10
36	MDA-9/Syntenin: An emerging global molecular target regulating cancer invasion and metastasis. *Advances in Cancer Research*, **2019**, 144, 137-191	5.9	10
35	Prospects of Gene Therapy to Treat Melanoma. *Advances in Cancer Research*, **2018**, 138, 213-237	5.9	10
34	AEG-1-AKT2: A novel complex controlling the aggressiveness of glioblastoma. *Molecular and Cellular Oncology*, **2015**, 2, e995008	1.2	9
33	Acquired and innate resistance to the cancer-specific apoptosis-inducing cytokine, mda-7/IL-24: not insurmountable therapeutic problems. *Cancer Biology and Therapy*, **2008**, 7, 109-12	4.6	9
32	MDA-9/Syntenin/SDCBP: new insights into a unique multifunctional scaffold protein. *Cancer and Metastasis Reviews*, **2020**, 39, 769-781	9.6	8
31	Cancer terminator viruses (CTV): A better solution for viral-based therapy of cancer. *Journal of Cellular Physiology*, **2018**, 233, 5684-5695	7	8
30	Molecular Mechanisms Regulating Obesity-Associated Hepatocellular Carcinoma. *Cancers*, **2020**, 12,	6.6	8
29	Emerging Therapies for Hepatocellular Carcinoma (HCC). *Cancers*, **2022**, 14, 2798	6.6	8
28	Statins as Inhibitors of Lung Cancer Bone Metastasis. *EBioMedicine*, **2017**, 19, 6-7	8.8	7
27	The multifaceted oncogene SND1 in cancer: focus on hepatocellular carcinoma. *Hepatoma Research* , **2018**, 4,	4.3	7
26	Novel therapy of prostate cancer employing a combination of viral-based immunotherapy and a small molecule BH3 mimetic. *OncoImmunology*, **2016**, 5, e1078059	7.2	7

25	Reversing translational suppression and induction of toxicity in pancreatic cancer cells using a chemoprevention gene therapy approach. *Molecular Pharmacology*, **2015**, 87, 286-95	4.3	5
24	Non-Coding RNAs: Regulating Disease Progression and Therapy Resistance in Hepatocellular Carcinoma. *Cancers*, **2020**, 12,	6.6	5
23	HDAC inhibitors and ionizing radiation: combinatorial strategy to combat lung cancer. *Cancer Biology and Therapy*, **2009**, 8, 832-4	4.6	5
22	Multifunctional Role of Astrocyte Elevated Gene-1 (AEG-1) in Cancer: Focus on Drug Resistance. *Cancers*, **2021**, 13,	6.6	5
21	The Scope of Astrocyte Elevated Gene-1/Metadherin (AEG-1/MTDH) in Cancer Clinicopathology: A Review. *Genes*, **2021**, 12,	4.2	5
20	Posttranscriptional Inhibition of Protein Tyrosine Phosphatase Nonreceptor Type 23 by Staphylococcal Nuclease and Tudor Domain Containing 1: Implications for Hepatocellular Carcinoma. *Hepatology Communications*, **2019**, 3, 1258-1270	6	4
19	Emerging role of insulin-like growth factor-binding protein 7 in hepatocellular carcinoma. *Journal of Hepatocellular Carcinoma*, **2014**, 1, 9-19	5.3	4
18	Mechanism of internalization of MDA-7/IL-24 protein and its cognate receptors following ligand-receptor docking. *Oncotarget*, **2019**, 10, 5103-5117	3.3	4
17	The Quest for an Effective Treatment for an Intractable Cancer: Established and Novel Therapies for Pancreatic Adenocarcinoma. *Advances in Cancer Research*, **2015**, 127, 283-306	5.9	3
16	Regulation of Myc function by ARF: checkpoint for Myc-induced oncogenesis. *Cancer Biology and Therapy*, **2006**, 5, 693-5	4.6	3
15	Assessment of Current Gene Therapy Practices in Hepatocellular Carcinoma. *Gastrointestinal Disorders*, **2020**, 2, 469-480	0.8	2
14	Influenza virus NS1- C/EBP gene regulatory complex inhibits RIG-I transcription. *Antiviral Research*, **2020**, 176, 104747	10.8	2
13	Evolutionary dynamics of Polynucelotide phosphorylases. *Molecular Phylogenetics and Evolution*, **2014**, 73, 77-86	4.1	2
12	Reply to Yoshida: Delineating critical roles of MDA-9 in protective autophagy-mediated anoikis resistance in human glioma stem cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E7654-E7655	11.5	1
11	Characterization of the canine mda-7 gene, transcripts and expression patterns. *Gene*, **2014**, 547, 23-33	3.8	1
10	Metastasis-Promoting Genes55-63		1
9	Reciprocal subtraction differential RNA display (RSDD): an efficient technology for cloning differentially expressed genes. *Methods in Molecular Biology*, **2007**, 383, 1-14	1.4	1
8	Wnt7a and miR-370-3p: new contributors to bladder cancer invasion. *Biotarget*, **2018**, 2,	0.7	1

7	Enhanced Cancer Therapy Using an Engineered Designer Cytokine Alone and in Combination With an Immune Checkpoint Inhibitor.. *Frontiers in Oncology*, **2022**, 12, 812560	5.3	1
6	Conversion of a Non-Cancer-Selective Promoter into a Cancer-Selective Promoter.. *Cancers*, **2022**, 14,	6.6	1
5	mda-7/IL-24, novel anticancer cytokine: Focus on bystander antitumor, radiosensitization and antiangiogenic properties and overview of the phase I clinical experience (Review) **2007**, 31, 985		0
4	Astrocyte elevated gene-1 (AEG-1): A key driver of hepatocellular carcinoma (HCC). *Advances in Cancer Research*, **2021**, 152, 329-381	5.9	0
3	Isolation and Culture of Mouse Hepatocytes and Kupffer Cells (KCs).. *Methods in Molecular Biology*, **2022**, 2455, 73-84	1.4	0
2	Purification and Isolation of Hepatic Stellate Cells.. *Methods in Molecular Biology*, **2022**, 2455, 93-101	1.4	
1	Mouse Bone Marrow Cell Isolation and Macrophage Differentiation.. *Methods in Molecular Biology*, **2022**, 2455, 85-91	1.4	