

# Jung Weon Lee

## List of Publications by Year in descending order

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121  
papers

5,491  
citations

57719

44  
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69  
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123  
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123  
docs citations

123  
times ranked

7566  
citing authors

#	ARTICLE	IF	CITATIONS
1	STAT3 is a potential modulator of HIF-1 $\alpha$ -mediated VEGF expression in human renal carcinoma cells. <i>FASEB Journal</i> , 2005, 19, 1296-1298.	0.2	382
2	Nischarin, a Novel Protein That Interacts with the Integrin $\beta$ 5 Subunit and Inhibits Cell Migration. <i>Journal of Cell Biology</i> , 2000, 151, 1141-1154.	2.3	161
3	Morphological Adjustment of Senescent Cells by Modulating Caveolin-1 Status. <i>Journal of Biological Chemistry</i> , 2004, 279, 42270-42278.	1.6	157
4	$\beta$ 1 Integrin Protects Intestinal Epithelial Cells from Apoptosis through a Phosphatidylinositol 3-Kinase and Protein Kinase B-dependent Pathway. <i>Molecular Biology of the Cell</i> , 2000, 11, 1973-1987.	0.9	148
5	New aspects of integrin signaling in cancer. <i>Seminars in Cancer Biology</i> , 2000, 10, 407-414.	4.3	144
6	Mitogenic signal transduction by integrin- and growth factor receptor-mediated pathways. <i>Molecules and Cells</i> , 2004, 17, 188-202.	1.0	142
7	Class I Histone Deacetylase-Selective Novel Synthetic Inhibitors Potently Inhibit Human Tumor Proliferation. <i>Clinical Cancer Research</i> , 2004, 10, 5271-5281.	3.2	139
8	TMPRSS4 promotes invasion, migration and metastasis of human tumor cells by facilitating an epithelial-mesenchymal transition. <i>Oncogene</i> , 2008, 27, 2635-2647.	2.6	136
9	Development of 3-D nanofibrous fibroin scaffold with high porosity by electrospinning: implications for bone regeneration. <i>Biotechnology Letters</i> , 2008, 30, 405-410.	1.1	133
10	Caffeic acid and its synthetic derivative CADPE suppress tumor angiogenesis by blocking STAT3-mediated VEGF expression in human renal carcinoma cells. <i>Carcinogenesis</i> , 2007, 28, 1780-1787.	1.3	123
11	Transcriptional silencing of the DLC-1 tumor suppressor gene by epigenetic mechanism in gastric cancer cells. <i>Oncogene</i> , 2003, 22, 3943-3951.	2.6	104
12	Tetraspanin TM4SF5 mediates loss of contact inhibition through epithelial-mesenchymal transition in human hepatocarcinoma. <i>Journal of Clinical Investigation</i> , 2008, 118, 1354-1366.	3.9	103
13	O-GlcNAc modulation at Akt1 Ser473 correlates with apoptosis of murine pancreatic $\beta$ 2 cells. <i>Experimental Cell Research</i> , 2008, 314, 2238-2248.	1.2	98
14	TMPRSS4 induces invasion and epithelial-mesenchymal transition through upregulation of integrin $\beta$ 5 and its signaling pathways. <i>Carcinogenesis</i> , 2010, 31, 597-606.	1.3	96
15	Cyclooxygenase-2 Inhibits Novel Ginseng Metabolite-Mediated Apoptosis. <i>Cancer Research</i> , 2005, 65, 1952-1960.	0.4	91
16	ZEB2 upregulates integrin $\beta$ 5 expression through cooperation with Sp1 to induce invasion during epithelial-mesenchymal transition of human cancer cells. <i>Carcinogenesis</i> , 2012, 33, 563-571.	1.3	90
17	AKAP12/Gravin is inactivated by epigenetic mechanism in human gastric carcinoma and shows growth suppressor activity. <i>Oncogene</i> , 2004, 23, 7095-7103.	2.6	89
18	A neural circuit mechanism for mechanosensory feedback control of ingestion. <i>Nature</i> , 2020, 580, 376-380.	13.7	87

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19	Ras-dependent induction of HIF-1 $\alpha$ via the Raf/MEK/ERK pathway: a novel mechanism of Ras-mediated tumor promotion. <i>Oncogene</i> , 2004, 23, 9427-9431.	2.6	86
20	Ethyl pyruvate has an anti-inflammatory effect by inhibiting ROS-dependent STAT signaling in activated microglia. <i>Free Radical Biology and Medicine</i> , 2008, 45, 950-963.	1.3	81
21	Transforming Growth Factor- $\beta$ 1 Induces Apoptosis through Fas Ligand-independent Activation of the Fas Death Pathway in Human Gastric SNU-620 Carcinoma Cells. <i>Molecular Biology of the Cell</i> , 2004, 15, 420-434.	0.9	79
22	Plasminogen Activator Inhibitor-1 and -3 Increase Cell Adhesion and Motility of MDA-MB-435 Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 40950-40957.	1.6	77
23	Interaction of two translational components, lysyl-tRNA synthetase and p40/37LRP, in plasma membrane promotes laminin-dependent cell migration. <i>FASEB Journal</i> , 2012, 26, 4142-4159.	0.2	76
24	DLC-1, a GTPase-activating protein for Rho, is associated with cell proliferation, morphology, and migration in human hepatocellular carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 72-77.	1.0	74
25	Saussurea lappa induces G2-growth arrest and apoptosis in AGS gastric cancer cells. <i>Cancer Letters</i> , 2005, 220, 11-19.	3.2	67
26	STAT3-RANTES Autocrine Signaling Is Essential for Tamoxifen Resistance in Human Breast Cancer Cells. <i>Molecular Cancer Research</i> , 2013, 11, 31-42.	1.5	67
27	Cholesterol depletion induces anoikis-like apoptosis via FAK downregulation and caveolae internalization. <i>Journal of Pathology</i> , 2009, 218, 337-349.	2.1	66
28	Functional regulation of Slug/Snail2 is dependent on GSK-3 $\beta$ -mediated phosphorylation. <i>FEBS Journal</i> , 2012, 279, 2929-2939.	2.2	64
29	Phosphorylation of Nodulin 26 on Serine 262 Affects Its Voltage-sensitive Channel Activity in Planar Lipid Bilayers. <i>Journal of Biological Chemistry</i> , 1995, 270, 27051-27057.	1.6	63
30	Janus activated kinase 2/signal transducer and activator of transcription 3 pathway mediates icaritin-induced apoptosis in U266 multiple myeloma cells. <i>European Journal of Pharmacology</i> , 2011, 654, 10-16.	1.7	62
31	Blockade of four-transmembrane L6 family member 5 (TM4SF5)-mediated tumorigenicity in hepatocytes by a synthetic chalcone derivative. <i>Hepatology</i> , 2009, 49, 1316-1325.	3.6	59
32	LYR71, a derivative of trimeric resveratrol, inhibits tumorigenesis by blocking STAT3-mediated matrix metalloproteinase 9 expression. <i>Experimental and Molecular Medicine</i> , 2008, 40, 514.	3.2	57
33	Cooperation between integrin $\alpha$ 5 and tetraspan TM4SF5 regulates VEGF-mediated angiogenic activity. <i>Blood</i> , 2009, 113, 1845-1855.	0.6	56
34	Cross-talk between TGF- $\beta$ 1 and EGFR signalling pathways induces TM4SF5 expression and epithelial-mesenchymal transition. <i>Biochemical Journal</i> , 2012, 443, 691-700.	1.7	56
35	8-hydroxydeoxyguanosine suppresses NO production and COX-2 activity via Rac1/STATs signaling in LPS-induced brain microglia. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1392-1403.	1.3	55
36	Chemical inhibition of prometastatic lysyl-tRNA synthetase-laminin receptor interaction. <i>Nature Chemical Biology</i> , 2014, 10, 29-34.	3.9	55

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37	Interaction of tetraspan(in) TM4SF5 with CD44 promotes self-renewal and circulating capacities of hepatocarcinoma cells. <i>Hepatology</i> , 2015, 61, 1978-1997.	3.6	54
38	The $\alpha 5 \beta 1$ integrin selectively enhances epidermal growth factor signaling to the phosphatidylinositol-3-kinase/Akt pathway in intestinal epithelial cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2002, 1542, 23-31.	1.9	53
39	Syndecan-2 overexpression regulates adhesion and migration through cooperation with integrin $\alpha 2$ . <i>Biochemical and Biophysical Research Communications</i> , 2009, 384, 231-235.	1.0	53
40	Phosphorylation of Serine 43 Is Not Required for Inhibition of c-Raf Kinase by the cAMP-dependent Protein Kinase. <i>Journal of Biological Chemistry</i> , 2000, 275, 28688-28694.	1.6	51
41	Aberrant methylation of integrin $\alpha 4$ gene in human gastric cancer cells. <i>Oncogene</i> , 2004, 23, 3474-3480.	2.6	51
42	Transmembrane 4-L Six Family Member 5 Senses Arginine for mTORC1 Signaling. <i>Cell Metabolism</i> , 2019, 29, 1306-1319.e7.	7.2	50
43	HSP27 regulates cell adhesion and invasion via modulation of focal adhesion kinase and MMP-2 expression. <i>European Journal of Cell Biology</i> , 2008, 87, 377-387.	1.6	49
44	Twist1 and AP-1 cooperatively upregulate integrin $\alpha 5$ expression to induce invasion and the epithelial-mesenchymal transition. <i>Carcinogenesis</i> , 2015, 36, 327-337.	1.3	47
45	Cell Adhesion-dependent Cofilin Serine 3 Phosphorylation by the Integrin-linked Kinase-c-Src Complex. <i>Journal of Biological Chemistry</i> , 2008, 283, 10089-10096.	1.6	45
46	Tetraspan TM4SF5-dependent direct activation of FAK and metastatic potential of hepatocarcinoma cells. <i>Journal of Cell Science</i> , 2012, 125, 5960-5973.	1.2	45
47	ZEB2-Sp1 cooperation induces invasion by upregulating cadherin-11 and integrin $\alpha 5$ expression. <i>Carcinogenesis</i> , 2014, 35, 302-314.	1.3	43
48	The Signaling Network of Transforming Growth Factor $\beta 1$ , Protein Kinase C $\gamma$ , and Integrin Underlies the Spreading and Invasiveness of Gastric Carcinoma Cells. <i>Molecular and Cellular Biology</i> , 2005, 25, 6921-6936.	1.1	42
49	Combating Resistance to Anti-IGFR Antibody by Targeting the Integrin $\beta 3$ -Src Pathway. <i>Journal of the National Cancer Institute</i> , 2013, 105, 1558-1570.	3.0	41
50	Lysyl-tRNA synthetase-expressing colon spheroids induce M2 macrophage polarization to promote metastasis. <i>Journal of Clinical Investigation</i> , 2018, 128, 5034-5055.	3.9	36
51	Cdc42-dependent Mediation of UV-induced p38 Activation by G Protein $\beta \gamma$ Subunits. <i>Journal of Biological Chemistry</i> , 2004, 279, 17366-17375.	1.6	35
52	Cytostatic hydroxycoumarin OT52 induces ER/Golgi stress and STAT3 inhibition triggering non-canonical cell death and synergy with BH3 mimetics in lung cancer. <i>Cancer Letters</i> , 2018, 416, 94-108.	3.2	35
53	TMPRSS4 upregulates uPA gene expression through JNK signaling activation to induce cancer cell invasion. <i>Cellular Signalling</i> , 2014, 26, 398-408.	1.7	32
54	Cell Adhesion Status-dependent Histone Acetylation Is Regulated through Intracellular Contractility-related Signaling Activities. <i>Journal of Biological Chemistry</i> , 2005, 280, 28357-28364.	1.6	31

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55	Focal adhesion and actin organization by a cross-talk of TM4SF5 with integrin $\alpha 2$ are regulated by serum treatment. <i>Experimental Cell Research</i> , 2006, 312, 2983-2999.	1.2	31
56	Transmembrane 4 L Six Family Member 5 (TM4SF5)-Mediated Epithelial $\rightarrow$ Mesenchymal Transition in Liver Diseases. <i>International Review of Cell and Molecular Biology</i> , 2015, 319, 141-163.	1.6	31
57	Transmembrane 4 L six family member 5 (TM4SF5) enhances migration and invasion of hepatocytes for effective metastasis. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 59-66.	1.2	30
58	The COOH-terminus of TM4SF5 in hepatoma cell lines regulates c-Src to form invasive protrusions via EGFR Tyr845 phosphorylation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 629-642.	1.9	30
59	Liver-specific deletion of ROR $\alpha$ aggravates diet-induced nonalcoholic steatohepatitis by inducing mitochondrial dysfunction. <i>Scientific Reports</i> , 2017, 7, 16041.	1.6	30
60	TMPRSS4 induces cancer cell invasion through pro-uPA processing. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 1-7.	1.0	29
61	TGF- $\beta$ 1-mediated activations of c-Src and Rac1 modulate levels of cyclins and p27Kip1 CDK inhibitor in hepatoma cells replated on fibronectin. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2005, 1743, 151-161.	1.9	28
62	TGF-beta1 (transforming growth factor-beta1)-mediated adhesion of gastric carcinoma cells involves a decrease in Ras/ERKs (extracellular-signal-regulated kinases) cascade activity dependent on c-Src activity. <i>Biochemical Journal</i> , 2004, 379, 141-150.	1.7	27
63	Simvastatin suppresses RANTES-mediated neutrophilia in polyinosinic $\rightarrow$ polycytidylic acid-induced pneumonia. <i>European Respiratory Journal</i> , 2013, 41, 1147-1156.	3.1	27
64	TM4SF5 accelerates G1/S phase progression via cytosolic p27Kip1 expression and RhoA activity. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 975-982.	1.9	26
65	Gefitinib resistance of cancer cells correlated with TM4SF5-mediated epithelial $\rightarrow$ mesenchymal transition. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 514-523.	1.9	26
66	Dynamic and coordinated single $\rightarrow$ molecular interactions at TM4SF5 $\rightarrow$ enriched microdomains guide invasive behaviors in 2 $\rightarrow$ and 3 $\rightarrow$ dimensional environments. <i>FASEB Journal</i> , 2017, 31, 1461-1481.	0.2	26
67	Glutamyl $\rightarrow$ prolyl $\rightarrow$ tRNA synthetase induces fibrotic extracellular matrix <i>via</i> both transcriptional and translational mechanisms. <i>FASEB Journal</i> , 2019, 33, 4341-4354.	0.2	26
68	Correlations between Transmembrane 4 L6 Family Member 5 (TM4SF5), CD151, and CD63 in Liver Fibrotic Phenotypes and Hepatic Migration and Invasive Capacities. <i>PLoS ONE</i> , 2014, 9, e102817.	1.1	26
69	The extracellular loop 2 of TM4SF5 inhibits integrin $\alpha 2$ on hepatocytes under collagen type I environment. <i>Carcinogenesis</i> , 2009, 30, 1872-1879.	1.3	25
70	Modulation of signaling between TM4SF5 and integrins in tumor microenvironment. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 1752.	3.0	25
71	Membrane Proteins Involved in Epithelial-Mesenchymal Transition and Tumor Invasion: Studies on TMPRSS4 and TM4SF5. <i>Genomics and Informatics</i> , 2014, 12, 12.	0.4	25
72	Antagonistic regulation of transmembrane $\rightarrow$ L6 family member $\rightarrow$ 5 attenuates fibrotic phenotypes in CCl <sub>4</sub> $\rightarrow$ treated mice. <i>FEBS Journal</i> , 2012, 279, 625-635.	2.2	23

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73	Overproduction of inter- $\alpha$ -trypsin inhibitor heavy chain 1 after loss of $\alpha$ <sub>13</sub> in liver exacerbates systemic insulin resistance in mice. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	21
74	Tetrahydrobenzimidazole TMQ0153 triggers apoptosis, autophagy and necroptosis crosstalk in chronic myeloid leukemia. <i>Cell Death and Disease</i> , 2020, 11, 109.	2.7	21
75	PKC $\delta$ and cofilin activation affects peripheral actin reorganization and cell-cell contact in cells expressing integrin $\beta$ 5 but not its tailless mutant. <i>Journal of Cell Science</i> , 2007, 120, 2717-2730.	1.2	20
76	Differential $\alpha$ TM4SF5-mediated $\alpha$ SIRT1 modulation and metabolic signaling in nonalcoholic steatohepatitis progression. <i>Journal of Pathology</i> , 2021, 253, 55-67.	2.1	20
77	Cross Talk between the TM4SF5/Focal Adhesion Kinase and the Interleukin-6/STAT3 Pathways Promotes Immune Escape of Human Liver Cancer Cells. <i>Molecular and Cellular Biology</i> , 2014, 34, 2946-2960.	1.1	19
78	Anti-cancer Activity of Novel TM4SF5-Targeting Antibodies through TM4SF5 Neutralization and Immune Cell-Mediated Cytotoxicity. <i>Theranostics</i> , 2017, 7, 594-613.	4.6	19
79	Snail1 induced in breast cancer cells in 3D collagen I gel environment suppresses cortactin and impairs effective invadopodia formation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2037-2054.	1.9	18
80	Integrin signaling and cell spreading mediated by phorbol 12-myristate 13-acetate treatment. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 88-95.	1.2	17
81	Noncanonical roles of membranous lysyl-tRNA synthetase in transducing cell-substrate signaling for invasive dissemination of colon cancer spheroids in 3D collagen I gels. <i>Oncotarget</i> , 2015, 6, 21655-21674.	0.8	17
82	A forebrain neural substrate for behavioral thermoregulation. <i>Neuron</i> , 2022, 110, 266-279.e9.	3.8	17
83	TM4SF5-mediated protein-protein networks and tumorigenic roles. <i>BMB Reports</i> , 2014, 47, 483-487.	1.1	16
84	Transcriptional induction of DLC-1 gene through Sp1 sites by histone deacetylase inhibitors in gastric cancer cells. <i>Experimental and Molecular Medicine</i> , 2008, 40, 639.	3.2	15
85	A Co(III) complex cleaving soluble oligomers of h-IAPP in the presence of polymeric aggregates of h-IAPP. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5689-5693.	1.0	15
86	JNK signaling activity regulates cell-cell adhesions via TM4SF5-mediated p27Kip1 phosphorylation. <i>Cancer Letters</i> , 2012, 314, 198-205.	3.2	15
87	Bidirectional signaling between TM4SF5 and IGF1R promotes resistance to EGFR kinase inhibitors. <i>Lung Cancer</i> , 2015, 90, 22-31.	0.9	15
88	Glutamyl-Prolyl-tRNA Synthetase Regulates Epithelial Expression of Mesenchymal Markers and Extracellular Matrix Proteins: Implications for Idiopathic Pulmonary Fibrosis. <i>Frontiers in Pharmacology</i> , 2018, 9, 1337.	1.6	15
89	TM4SF5-dependent crosstalk between hepatocytes and macrophages to reprogram the inflammatory environment. <i>Cell Reports</i> , 2021, 37, 110018.	2.9	15
90	Epigenetic regulation of integrin-linked kinase expression depending on adhesion of gastric carcinoma cells. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C857-C866.	2.1	14

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91	C6 Glioma Cell Insoluble Matrix Components Enhance Interferon- $\beta$ -stimulated Inducible Nitric-oxide Synthase/Nitric Oxide Production in BV2 Microglial Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 2526-2533.	1.6	14
92	Differential inhibition of transmembrane 4 L six family member 5 (TM4SF5)-mediated tumorigenesis by TSAHC and sorafenib. <i>Cancer Biology and Therapy</i> , 2011, 11, 330-336.	1.5	14
93	Cell Adhesion-dependent Serine 85 Phosphorylation of Paxillin Modulates Focal Adhesion Formation and Haptotactic Migration via Association with the C-terminal Tail Domain of Talin. <i>Journal of Biological Chemistry</i> , 2012, 287, 27499-27509.	1.6	14
94	Integrin regulation of receptor tyrosine kinase and G protein-coupled receptor signaling to mitogen-activated protein kinases. <i>Methods in Enzymology</i> , 2001, 333, 151-163.	0.4	13
95	Potential role of 8-oxoguanine DNA glycosylase 1 as a STAT1 coactivator in endotoxin-induced inflammatory response. <i>Free Radical Biology and Medicine</i> , 2016, 93, 12-22.	1.3	13
96	Suppression of lysyl-tRNA synthetase, KRS, causes incomplete epithelial-mesenchymal transition and ineffective cell-extracellular matrix adhesion for migration. <i>International Journal of Oncology</i> , 2016, 48, 1553-1560.	1.4	13
97	CD133-induced TM4SF5 expression promotes sphere growth via recruitment and blocking of protein tyrosine phosphatase receptor type F (PTPRF). <i>Cancer Letters</i> , 2018, 438, 219-231.	3.2	13
98	Self-renewal and circulating capacities of metastatic hepatocarcinoma cells required for collaboration between TM4SF5 and CD44. <i>BMB Reports</i> , 2015, 48, 127-128.	1.1	13
99	TM4SF5-mediated liver malignancy involves NK cell exhaustion-like phenotypes. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 1.	2.4	13
100	Glucosamine Treatment-mediated O-GlcNAc Modification of Paxillin Depends on Adhesion State of Rat Insulinoma INS-1 Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 36021-36031.	1.6	12
101	Proteasome inhibition causes epithelial $\rightarrow$ mesenchymal transition upon TM4SF5 expression. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 782-792.	1.2	12
102	Function of membranous lysyl-tRNA synthetase and its implication for tumorigenesis. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 1707-1713.	1.1	12
103	Amino acid transporters as tetraspanin TM4SF5 binding partners. <i>Experimental and Molecular Medicine</i> , 2020, 52, 7-14.	3.2	12
104	EGFR phosphorylation-dependent formation of cell $\rightarrow$ cell contacts by Ras/Erks cascade inhibition. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 833-843.	1.9	10
105	Regulation of TM4SF5-mediated tumorigenesis through induction of cell detachment and death by tiarellic acid. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 1632-1641.	1.9	9
106	TM4SF5-mediated CD44v8-10 splicing variant promotes survival of type II alveolar epithelial cells during idiopathic pulmonary fibrosis. <i>Cell Death and Disease</i> , 2019, 10, 645.	2.7	9
107	Specific tyrosine phosphorylation of focal adhesion kinase mediated by Fer tyrosine kinase in suspended hepatocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 781-791.	1.9	8
108	N-terminus-independent activation of c-Src via binding to a tetraspan(in) TM4SF5 in hepatocellular carcinoma is abolished by the TM4SF5 C-terminal peptide application. <i>Theranostics</i> , 2021, 11, 8092-8111.	4.6	8



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109	TM4SF5 Knockout Protects Mice From Diet-Induced Obesity Partly by Regulating Autophagy in Adipose Tissue. <i>Diabetes</i> , 2021, 70, 2000-2013.	0.3	8
110	Crosstalk between TM4SF5 and GLUT8 regulates fructose metabolism in hepatic steatosis. <i>Molecular Metabolism</i> , 2022, 58, 101451.	3.0	7
111	Low-affinity Ca <sup>2+</sup> and Ba <sup>2+</sup> binding sites in the pore of $\alpha 7$ nicotinic acetylcholine receptors. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1559, 69-78.	1.4	6
112	TM4SF5 suppression disturbs integrin $\alpha 5$ -related signalling and muscle development in zebrafish. <i>Biochemical Journal</i> , 2014, 462, 89-101.	1.7	6
113	Tetraspanin TM4SF5 in hepatocytes negatively modulates SLC27A transporters during acute fatty acid supply. <i>Archives of Biochemistry and Biophysics</i> , 2021, 710, 109004.	1.4	6
114	Efficacy and Safety of Sorafenib Therapy on Metastatic Renal Cell Carcinoma in Korean Patients: Results from a Retrospective Multicenter Study. <i>PLoS ONE</i> , 2015, 10, e0135165.	1.1	5
115	Smad2 mediates Erk1/2 activation by TGF-beta1 in suspended, but not in adherent, gastric carcinoma cells. <i>International Journal of Oncology</i> , 2004, 24, 1229-34.	1.4	5
116	TM4SF5-Mediated Roles in the Development of Fibrotic Phenotypes. <i>Mediators of Inflammation</i> , 2017, 2017, 1-5.	1.4	4
117	Differential regulation of cellular functions by the C-termini of transmembrane 4 L six family proteins in 2- or 3-dimensional environment. <i>Oncotarget</i> , 2017, 8, 13277-13292.	0.8	4
118	TM4SF5 promotes metastatic behavior of cells in 3D extracellular matrix gels by reducing dependency on environmental cues. <i>Oncotarget</i> , 2017, 8, 83480-83494.	0.8	4
119	Metastatic behavior analyses of tetraspanin TM4SF5-expressing spheres in three-dimensional (3D) cell culture environment. <i>Archives of Pharmacal Research</i> , 2020, 43, 1162-1172.	2.7	3
120	Therapeutic effects of TM4SF5-targeting chimeric and humanized monoclonal antibodies in hepatocellular and colon cancer models. <i>Molecular Therapy - Oncolytics</i> , 2022, 24, 452-466.	2.0	3
121	SLAC2B-dependent microtubule acetylation regulates extracellular matrix-mediated intracellular TM4SF5 traffic to the plasma membranes. <i>FASEB Journal</i> , 2021, 35, e21369.	0.2	2