Michael P Lisanti

List of Publications by Year
in descending order

520 papers	75,343 citations	256 142 h-index	736 251 g-index
523 all docs	523 docs citations	523 times ranked	64205 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	Caveolins, a Family of Scaffolding Proteins for Organizing â€œPreassembled Signaling Complexesâ€•at the Plasma Membrane. Journal of Biological Chemistry, 1998, 273, 5419-5422.	3.4	1,375
4	The reverse Warburg effect: Aerobic glycolysis in cancer associated fibroblasts and the tumor stroma. Cell Cycle, 2009, 8, 3984-4001.	2.6	1,130
5	Cancer metabolism: a therapeutic perspective. Nature Reviews Clinical Oncology, 2017, 14, 11-31.	27.6	1,028
6	Caveolins, Liquid-Ordered Domains, and Signal Transduction. Molecular and Cellular Biology, 1999, 19, 7289-7304.	2.3	960
7	Caveolin-1 Null Mice Are Viable but Show Evidence of Hyperproliferative and Vascular Abnormalities. Journal of Biological Chemistry, 2001, 276, 38121-38138.	3.4	957
8	Co-purification and Direct Interaction of Ras with Caveolin, an Integral Membrane Protein of Caveolae Microdomains. Journal of Biological Chemistry, 1996, 271, 9690-9697.	3.4	930
9	Caveolae: From Cell Biology to Animal Physiology. Pharmacological Reviews, 2002, 54, 431-467.	16.0	852
10	Identification of Peptide and Protein Ligands for the Caveolin-scaffolding Domain. Journal of Biological Chemistry, 1997, 272, 6525-6533.	3.4	792
11	Role of Caveolae and Caveolins in Health and Disease. Physiological Reviews, 2004, 84, 1341-1379.	28.8	773
12	ESPEN expert group recommendations for action against cancer-related malnutrition. Clinical Nutrition, 2017, 36, 1187-1196.	5.0	758
13	Dissecting the Interaction between Nitric Oxide Synthase (NOS) and Caveolin. Journal of Biological Chemistry, 1997, 272, 25437-25440.	3.4	731
14	Src Tyrosine Kinases, GÎ± Subunits, and H-Ras Share a Common Membrane-anchored Scaffolding Protein, Caveolin. Journal of Biological Chemistry, 1996, 271, 29182-29190.	3.4	703
15	Caveolae, caveolin and caveolin-rich membrane domains: a signalling hypothesis. Trends in Cell Biology, 1994, 4, 231-235.	7.9	636
16	Molecular Cloning of Caveolin-3, a Novel Member of the Caveolin Gene Family Expressed Predominantly in Muscle. Journal of Biological Chemistry, 1996, 271, 2255-2261.	3.4	623
17	Expression of Caveolin-3 in Skeletal, Cardiac, and Smooth Muscle Cells. Journal of Biological Chemistry, 1996, 271, 15160-15165.	3.4	619
18	Caveolin-1 Regulates Transforming Growth Factor (TGF)-Î²/SMAD Signaling through an Interaction with the TGF-Î² Type I Receptor. Journal of Biological Chemistry, 2001, 276, 6727-6738.	3.4	585

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19	Interaction of a Receptor Tyrosine Kinase, EGF-R, with Caveolins. Journal of Biological Chemistry, 1997, 272, 30429-30438.	3.4	584
20	Emerging Themes in Lipid Rafts and Caveolae. Cell, 2001, 106, 403-411.	28.9	557
21	Mutations in the caveolin-3 gene cause autosomal dominant limb-girdle muscular dystrophy. Nature Genetics, 1998, 18, 365-368.	21.4	555
22	Evidence for a Regulated Interaction between Heterotrimeric G Proteins and Caveolin. Journal of Biological Chemistry, 1995, 270, 15693-15701.	3.4	550
23	Cancer stem cells. International Journal of Biochemistry and Cell Biology, 2012, 44, 2144-2151.	2.8	530
24	Ketones and lactate â€œfuelâ€•tumor growth and metastasis. Cell Cycle, 2010, 9, 3506-3514.	2.6	526
25	Flotillin and Epidermal Surface Antigen Define a New Family of Caveolae-associated Integral Membrane Proteins. Journal of Biological Chemistry, 1997, 272, 13793-13802.	3.4	510
26	Caveolin-1-deficient Mice Are Lean, Resistant to Diet-induced Obesity, and Show Hypertriglyceridemia with Adipocyte Abnormalities. Journal of Biological Chemistry, 2002, 277, 8635-8647.	3.4	494
27	Differential Targeting of Î²-Adrenergic Receptor Subtypes and Adenylyl Cyclase to Cardiomyocyte Caveolae. Journal of Biological Chemistry, 2000, 275, 41447-41457.	3.4	481
28	Cell-type and Tissue-specific Expression of Caveolin-2. Journal of Biological Chemistry, 1997, 272, 29337-29346.	3.4	466
29	Caveolin-1 in oncogenic transformation, cancer, and metastasis. American Journal of Physiology - Cell Physiology, 2005, 288, C494-C506.	4.6	459
30	The caveolin proteins. Genome Biology, 2004, 5, 214.	9.6	405
31	Antibiotics that target mitochondria effectively eradicate cancer stem cells, across multiple tumor types: Treating cancer like an infectious disease. Oncotarget, 2015, 6, 4569-4584.	1.8	401
32	Oxidative stress in cancer associated fibroblasts drives tumor-stroma co-evolution. Cell Cycle, 2010, 9, 3276-3296.	2.6	400
33	Evidence for a stromal-epithelial â€œlactate shuttleâ€•in human tumors. Cell Cycle, 2011, 10, 1772-1783.	2.6	393
34	Caveolin-3 Null Mice Show a Loss of Caveolae, Changes in the Microdomain Distribution of the Dystrophin-Glycoprotein Complex, and T-tubule Abnormalities. Journal of Biological Chemistry, 2001, 276, 21425-21433.	3.4	385
35	Autophagy in cancer associated fibroblasts promotes tumor cell survival. Cell Cycle, 2010, 9, 3515-3533.	2.6	377
36	Cancer stem cell metabolism. Breast Cancer Research, 2016, 18, 55.	5.0	377

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37	Caveolin-mediated regulation of signaling along the p42/44 MAP kinase cascade in vivo. FEBS Letters, 1998, 428, 205-211.	2.8	342
38	Adipocyte-derived collagen VI affects early mammary tumor progression in vivo, demonstrating a critical interaction in the tumor/stroma microenvironment. Journal of Clinical Investigation, 2005, 115, 1163-1176.	8.2	338
39	Catabolic cancer-associated fibroblasts transfer energy and biomass to anabolic cancer cells, fueling tumor growth. Seminars in Cancer Biology, 2014, 25, 47-60.	9.6	337
40	The Caveolin genes: from cell biology to medicine. Annals of Medicine, 2004, 36, 584-595.	3.8	335
41	Recombinant Expression of Caveolin-1 in Oncogenically Transformed Cells Abrogates Anchorage-independent Growth. Journal of Biological Chemistry, 1997, 272, 16374-16381.	3.4	334
42	Caveolin, Caveolae, and Endothelial Cell Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 1161-1168.	2.4	326
43	Specific Inhibitors of p38 Mitogen-activated Protein Kinase Block 3T3-L1 Adipogenesis. Journal of Biological Chemistry, 1998, 273, 32111-32120.	3.4	325
44	Caveolin Isoforms Differ in Their N-terminal Protein Sequence and Subcellular Distribution. IDENTIFICATION AND EPITOPE MAPPING OF AN ISOFORM-SPECIFIC MONOCLONAL ANTIBODY PROBE. Journal of Biological Chemistry, 1995, 270, 16395-16401.	3.4	322
45	Large Oncosomes in Human Prostate Cancer Tissues and in the Circulation of Mice with Metastatic Disease. American Journal of Pathology, 2012, 181, 1573-1584.	3.8	321
46	Adipocyte-secreted factors synergistically promote mammary tumorigenesis through induction of anti-apoptotic transcriptional programs and proto-oncogene stabilization. Oncogene, 2003, 22, 6408-6423.	5.9	317
47	Direct Acetylation of the Estrogen Receptor Î± Hinge Region by p300 Regulates Transactivation and Hormone Sensitivity. Journal of Biological Chemistry, 2001, 276, 18375-18383.	3.4	312
48	Caveolin-1-deficient mice show insulin resistance and defective insulin receptor protein expression in adipose tissue. American Journal of Physiology - Cell Physiology, 2003, 285, C222-C235.	4.6	308
49	Constitutive and Growth Factor-Regulated Phosphorylation of Caveolin-1 Occurs at the Same Site (Tyr-14) in Vivo: Identification of a c-Src/Cav-1/Grb7 Signaling Cassette. Molecular Endocrinology, 2000, 14, 1750-1775.	3.7	307
50	An Absence of Stromal Caveolin-1 Expression Predicts Early Tumor Recurrence and Poor Clinical Outcome in Human Breast Cancers. American Journal of Pathology, 2009, 174, 2023-2034.	3.8	307
51	The Lipopolysaccharide-activated Toll-like Receptor (TLR)-4 Induces Synthesis of the Closely Related Receptor TLR-2 in Adipocytes. Journal of Biological Chemistry, 2000, 275, 24255-24263.	3.4	300
52	Ketones and lactate increase cancer cell â€œstemness,â€• driving recurrence, metastasis and poor clinical outcome in breast cancer. Cell Cycle, 2011, 10, 1271-1286.	2.6	295
53	Microvascular Hyperpermeability in Caveolin-1 (âˆ'/âˆ') Knock-out Mice. Journal of Biological Chemistry, 2002, 277, 40091-40098.	3.4	290
54	Caveolae-deficient Endothelial Cells Show Defects in the Uptake and Transport of Albumin in Vivo. Journal of Biological Chemistry, 2001, 276, 48619-48622.	3.4	289

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55	Caveolin-2-Deficient Mice Show Evidence of Severe Pulmonary Dysfunction without Disruption of Caveolae. Molecular and Cellular Biology, 2002, 22, 2329-2344.	2.3	280
56	Role of Caveolin-1 in the Modulation of Lipolysis and Lipid Droplet Formation. Diabetes, 2004, 53, 1261-1270.	0.6	278
57	Caveolin-3 Knock-out Mice Develop a Progressive Cardiomyopathy and Show Hyperactivation of the p42/44 MAPK Cascade. Journal of Biological Chemistry, 2002, 277, 38988-38997.	3.4	269
58	Perilipin A Mediates the Reversible Binding of CGI-58 to Lipid Droplets in 3T3-L1 Adipocytes. Journal of Biological Chemistry, 2004, 279, 42062-42071.	3.4	266
59	Caveolin-1 Expression Negatively Regulates Cell Cycle Progression by Inducing G₀/G₁Arrest via a p53/p21^{WAF1/Cip1}-dependent Mechanism. Molecular Biology of the Cell, 2001, 12, 2229-2244.	2.1	259
60	Caveolin-1 Gene Disruption Promotes Mammary Tumorigenesis and Dramatically Enhances Lung Metastasis in Vivo. Journal of Biological Chemistry, 2004, 279, 51630-51646.	3.4	259
61	Caveolin Is an Activator of Insulin Receptor Signaling. Journal of Biological Chemistry, 1998, 273, 26962-26968.	3.4	257
62	Role of Cholesterol in the Development and Progression of Breast Cancer. American Journal of Pathology, 2011, 178, 402-412.	3.8	257
63	Hyperactivation of oxidative mitochondrial metabolism in epithelial cancer cells in situ. Cell Cycle, 2011, 10, 4047-4064.	2.6	256
64	Warburg Meets Autophagy: Cancer-Associated Fibroblasts Accelerate Tumor Growth and Metastasis<i>via</i>Oxidative Stress, Mitophagy, and Aerobic Glycolysis. Antioxidants and Redox Signaling, 2012, 16, 1264-1284.	5.4	254
65	Metabolic reprogramming of cancer-associated fibroblasts by TGF-Î² drives tumor growth: Connecting TGF-Î² signaling with â€œWarburg-likeâ€•cancer metabolism and L-lactate production. Cell Cycle, 2012, 11, 3019-3035.	2.6	249
66	Caveolin-1 and Cancer Metabolism in the Tumor Microenvironment: Markers, Models, and Mechanisms. Annual Review of Pathology: Mechanisms of Disease, 2012, 7, 423-467.	22.4	249
67	The autophagic tumor stroma model of cancer. Cell Cycle, 2010, 9, 3485-3505.	2.6	248
68	Cancer cells metabolically "fertilize" the tumor microenvironment with hydrogen peroxide, driving the Warburg effect. Cell Cycle, 2011, 10, 2504-2520.	2.6	245
69	CCR5 Antagonist Blocks Metastasis of Basal Breast Cancer Cells. Cancer Research, 2012, 72, 3839-3850.	0.9	240
70	Caveolinopathies: from the biology of caveolin-3 to human diseases. European Journal of Human Genetics, 2010, 18, 137-145.	2.8	238
71	Tumor cells induce the cancer associated fibroblast phenotype via caveolin-1 degradation: Implications for breast cancer and DCIS therapy with autophagy inhibitors. Cell Cycle, 2010, 9, 2423-2433.	2.6	238
72	Integral and peripheral protein composition of the apical and basolateral membrane domains in MDCK cells. Journal of Membrane Biology, 1989, 107, 277-286.	2.1	236

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73	Caveolin Interaction with Protein Kinase C. Journal of Biological Chemistry, 1997, 272, 33416-33421.	3.4	230
74	Glycophospholipid membrane anchoring provides clues to the mechanism of protein sorting in polarized epithelial cells. Trends in Biochemical Sciences, 1990, 15, 113-118.	7.5	227
75	The Integrin-linked Kinase Regulates the Cyclin D1 Gene through Glycogen Synthase Kinase 3Î² and cAMP-responsive Element-binding Protein-dependent Pathways. Journal of Biological Chemistry, 2000, 275, 32649-32657.	3.4	225
76	Mitochondrial biogenesis is required for the anchorage-independent survival and propagation of stem-like cancer cells. Oncotarget, 2015, 6, 14777-14795.	1.8	225
77	microRNA 17/20 inhibits cellular invasion and tumor metastasis in breast cancer by heterotypic signaling. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8231-8236.	7.1	224
78	Using the â€œreverse Warburg effectâ€• to identify high-risk breast cancer patients. Cell Cycle, 2012, 11, 1108-1117.	2.6	224
79	Stat3 Promotes Metastatic Progression of Prostate Cancer. American Journal of Pathology, 2008, 172, 1717-1728.	3.8	222
80	Stromalâ€"epithelial metabolic coupling in cancer: Integrating autophagy and metabolism in the tumor microenvironment. International Journal of Biochemistry and Cell Biology, 2011, 43, 1045-1051.	2.8	218
81	Caveolin-1 null mice develop cardiac hypertrophy with hyperactivation of p42/44 MAP kinase in cardiac fibroblasts. American Journal of Physiology - Cell Physiology, 2003, 284, C457-C474.	4.6	215
82	Cellular Stress Induces the Tyrosine Phosphorylation of Caveolin-1 (Tyr14) via Activation of p38 Mitogen-activated Protein Kinase and c-Src kinase. Journal of Biological Chemistry, 2001, 276, 8094-8103.	3.4	213
83	Loss of stromal caveolin-1 leads to oxidative stress, mimics hypoxia and drives inflammation in the tumor microenvironment, conferring the â€œreverse Warburg effectâ€• A transcriptional informatics analysis with validation. Cell Cycle, 2010, 9, 2201-2219.	2.6	212
84	Gpa2p, a G-protein Î±-Subunit, Regulates Growth and Pseudohyphal Development in Saccharomyces cerevisiae via a cAMP-dependent Mechanism. Journal of Biological Chemistry, 1997, 272, 20321-20323.	3.4	210
85	Autophagy and senescence in cancer-associated fibroblasts metabolically supports tumor growth and metastasis, via glycolysis and ketone production. Cell Cycle, 2012, 11, 2285-2302.	2.6	209
86	Hydrogen peroxide fuels aging, inflammation, cancer metabolism and metastasis. Cell Cycle, 2011, 10, 2440-2449.	2.6	208
87	The Canonical NF-Î°B Pathway Governs Mammary Tumorigenesis in Transgenic Mice and Tumor Stem Cell Expansion. Cancer Research, 2010, 70, 10464-10473.	0.9	207
88	HIF1-alpha functions as a tumor promoter in cancer-associated fibroblasts, and as a tumor suppressor in breast cancer cells. Cell Cycle, 2010, 9, 3534-3551.	2.6	207
89	Genetic Ablation of Caveolin-1 Confers Protection Against Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 98-105.	2.4	206
90	Cancer stem cells (CSCs): metabolic strategies for their identification and eradication. Biochemical Journal, 2018, 475, 1611-1634.	3.7	205

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91	Expression and Characterization of Recombinant Caveolin. Journal of Biological Chemistry, 1996, 271, 568-573.	3.4	199
92	Cancer metabolism, stemness and tumor recurrence. Cell Cycle, 2013, 12, 1371-1384.	2.6	195
93	Caveolin-deficient mice: insights into caveolar function human disease. Journal of Clinical Investigation, 2001, 108, 1553-1561.	8.2	195
94	Caveolin-1/3 Double-Knockout Mice Are Viable, but Lack Both Muscle and Non-Muscle Caveolae, and Develop a Severe Cardiomyopathic Phenotype. American Journal of Pathology, 2002, 160, 2207-2217.	3.8	192
95	The reverse Warburg Effect: Glycolysis inhibitors prevent the tumor promoting effects of caveolin-1 deficient cancer associated fibroblasts. Cell Cycle, 2010, 9, 1960-1971.	2.6	192
96	Graphene oxide selectively targets cancer stem cells, across multiple tumor types: Implications for non-toxic cancer treatment, via â€œdifferentiation-based nano-therapyâ€. Oncotarget, 2015, 6, 3553-3562.	1.8	192
97	Expression of Caveolin-1 Induces Premature Cellular Senescence in Primary Cultures of Murine Fibroblasts. Molecular Biology of the Cell, 2002, 13, 2502-2517.	2.1	191
98	Reciprocal Regulation of Neu Tyrosine Kinase Activity and Caveolin-1 Protein Expression in Vitro and in Vivo. Journal of Biological Chemistry, 1998, 273, 20448-20455.	3.4	188
99	Caveolin-2 Localizes to the Golgi Complex but Redistributes to Plasma Membrane, Caveolae, and Rafts when Co-expressed with Caveolin-1. Journal of Biological Chemistry, 1999, 274, 25708-25717.	3.4	188
100	Flotillins/Cavatellins Are Differentially Expressed in Cells and Tissues and Form a Hetero-oligomeric Complex with Caveolins in Vivo. Journal of Biological Chemistry, 1999, 274, 12702-12709.	3.4	186
101	Caveolae and signalling in cancer. Nature Reviews Cancer, 2015, 15, 225-237.	28.4	185
102	Expression of Caveolin-1 Is Required for the Transport of Caveolin-2 to the Plasma Membrane. Journal of Biological Chemistry, 1999, 274, 25718-25725.	3.4	184
103	Genes encoding human caveolinâ€1 and â€2 are coâ€localized to the D7S522 locus (7q31.1), a known fragile site (FRA7G) that is frequently deleted in human cancers. FEBS Letters, 1998, 436, 403-410.	2.8	182
104	CDK inhibitors (p16/p19/p21) induce senescence and autophagy in cancer-associated fibroblasts, â€œfuelingâ€ tumor growth via paracrine interactions, without an increase in neo-angiogenesis. Cell Cycle, 2012, 11, 3599-3610.	2.6	182
105	Caveolin-3 Directly Interacts with the C-terminal Tail of Î²-Dystroglycan. Journal of Biological Chemistry, 2000, 275, 38048-38058.	3.4	181
106	Role of caveolin and caveolae in insulin signaling and diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E1151-E1160.	3.5	181
107	N-Cadherin Signaling Potentiates Mammary Tumor Metastasis via Enhanced Extracellular Signal-Regulated Kinase Activation. Cancer Research, 2007, 67, 3106-3116.	0.9	181
108	Mitochondria as new therapeutic targets for eradicating cancer stem cells: Quantitative proteomics and functional validation via MCT1/2 inhibition. Oncotarget, 2014, 5, 11029-11037.	1.8	181

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109	Understanding the "lethal" drivers of tumor-stroma co-evolution. Cancer Biology and Therapy, 2010, 10, 537-542.	3.4	180
110	The Biology of Caveolae: Lessons from Caveolin Knockout Mice and Implications for Human Disease. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2003, 3, 445-464.	3.4	178
111	Caveolin-1 Mutations (P132L and Null) and the Pathogenesis of Breast Cancer. American Journal of Pathology, 2002, 161, 1357-1369.	3.8	176
112	Tumor Microenvironment and Metabolic Synergy in Breast Cancers: Critical Importance of Mitochondrial Fuels and Function. Seminars in Oncology, 2014, 41, 195-216.	2.2	176
113	High mitochondrial mass identifies a sub-population of stem-like cancer cells that are chemo-resistant. Oncotarget, 2015, 6, 30472-30486.	1.8	175
114	Affinity-purification and characterization of caveolins from the brain: Differential expression of caveolin-1, -2, and -3 in brain endothelial and astroglial cell types. Brain Research, 1998, 804, 177-192.	2.2	173
115	A Molecular Dissection of Caveolin-1 Membrane Attachment and Oligomerization. Journal of Biological Chemistry, 2000, 275, 21605-21617.	3.4	172
116	Molecular Genetics of the Caveolin Gene Family: Implications for Human Cancers, Diabetes, Alzheimer Disease, and Muscular Dystrophy. American Journal of Human Genetics, 1998, 63, 1578-1587.	6.2	171
117	The Adipocyte as an Important Target Cell for Trypanosoma cruzi Infection. Journal of Biological Chemistry, 2005, 280, 24085-24094.	3.4	171
118	Repurposing atovaquone: Targeting mitochondrial complex III and OXPHOS to eradicate cancer stem cells. Oncotarget, 2016, 7, 34084-34099.	1.8	171
119	Akt1 governs breast cancer progression in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7438-7443.	7.1	170
120	COVID-19 and chronological aging: senolytics and other anti-aging drugs for the treatment or prevention of corona virus infection?. Aging, 2020, 12, 6511-6517.	3.1	170
121	The autophagic tumor stroma model of cancer or â€œbattery-operated tumor growthâ€. Cell Cycle, 2010, 9, 4297-4306.	2.6	165
122	Crowded Little Caves. Cellular Signalling, 1998, 10, 457-463.	3.6	164
123	Caveolin-1 Expression Inhibits Wnt/Î²-Catenin/Lef-1 Signaling by Recruiting Î²-Catenin to Caveolae Membrane Domains. Journal of Biological Chemistry, 2000, 275, 23368-23377.	3.4	162
124	Mitochondrial metabolism in cancer metastasis. Cell Cycle, 2012, 11, 1445-1454.	2.6	162
125	Plasma Membrane Cholesterol Is a Key Molecule in Shear Stress-dependent Activation of Extracellular Signal-regulated Kinase. Journal of Biological Chemistry, 1998, 273, 32304-32311.	3.4	159
126	Decreased expression of caveolin 1 in patients with systemic sclerosis: Crucial role in the pathogenesis of tissue fibrosis. Arthritis and Rheumatism, 2008, 58, 2854-2865.	6.7	159

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127	Regulation of G Protein-coupled Receptor Kinases by Caveolin. Journal of Biological Chemistry, 1999, 274, 8858-8864.	3.4	158
128	Regulation of cAMP-mediated Signal Transduction via Interaction of Caveolins with the Catalytic Subunit of Protein Kinase A. Journal of Biological Chemistry, 1999, 274, 26353-26360.	3.4	157
129	Inhibition of Cellular Proliferation through IÎºB Kinase-Independent and Peroxisome Proliferator-Activated Receptor Î³-Dependent Repression of Cyclin D1. Molecular and Cellular Biology, 2001, 21, 3057-3070.	2.3	157
130	The Role of Breast Cancer Stem Cells in Metastasis and Therapeutic Implications. American Journal of Pathology, 2011, 179, 2-11.	3.8	155
131	Anti-estrogen resistance in breast cancer is induced by the tumor microenvironment and can be overcome by inhibiting mitochondrial function in epithelial cancer cells. Cancer Biology and Therapy, 2011, 12, 924-938.	3.4	154
132	Understanding the Warburg effect and the prognostic value of stromal caveolin-1 as a marker of a lethal tumor microenvironment. Breast Cancer Research, 2011, 13, 213.	5.0	153
133	Caveolin-1 Expression Enhances Endothelial Capillary Tubule Formation. Journal of Biological Chemistry, 2002, 277, 10661-10668.	3.4	152
134	Expression of indoleamine 2,3-dioxygenase in metastatic malignant melanoma recruits regulatory T cells to avoid immune detection and affects survival. Cell Cycle, 2009, 8, 1930-1934.	2.6	152
135	Ketone body utilization drives tumor growth and metastasis. Cell Cycle, 2012, 11, 3964-3971.	2.6	152
136	Angiogenesis Activators and Inhibitors Differentially Regulate Caveolin-1 Expression and Caveolae Formation in Vascular Endothelial Cells. Journal of Biological Chemistry, 1999, 274, 15781-15785.	3.4	151
137	Caveolin-1 Promotes Tumor Progression in an Autochthonous Mouse Model of Prostate Cancer. Journal of Biological Chemistry, 2005, 280, 25134-25145.	3.4	151
138	Mutational Analysis of the Properties of Caveolin-1. Journal of Biological Chemistry, 1997, 272, 4398-4403.	3.4	150
139	Upregulation of caveolinâ€1 and caveolae organelles in Taxolâ€resistant A549 cells. FEBS Letters, 1998, 439, 368-372.	2.8	150
140	Absence of Caveolin-1 Sensitizes Mouse Skin to Carcinogen-Induced Epidermal Hyperplasia and Tumor Formation. American Journal of Pathology, 2003, 162, 2029-2039.	3.8	149
141	Mitochondria â€œfuelâ€• breast cancer metabolism: Fifteen markers of mitochondrial biogenesis label epithelial cancer cells, but are excluded from adjacent stromal cells. Cell Cycle, 2012, 11, 4390-4401.	2.6	147
142	Decorin Antagonizes the Angiogenic Network. Journal of Biological Chemistry, 2012, 287, 5492-5506.	3.4	146
143	Glutamine fuels a vicious cycle of autophagy in the tumor stroma and oxidative mitochondrial metabolism in epithelial cancer cells. Cancer Biology and Therapy, 2011, 12, 1085-1097.	3.4	145
144	Caveolae, Plasma Membrane Microdomains for Î±-Secretase-mediated Processing of the Amyloid Precursor Protein. Journal of Biological Chemistry, 1998, 273, 10485-10495.	3.4	144

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145	p42/44 MAP Kinase-dependent and -independent Signaling Pathways Regulate Caveolin-1 Gene Expression. Journal of Biological Chemistry, 1999, 274, 32333-32341.	3.4	144
146	Caveolae and caveolin-3 in muscular dystrophy. Trends in Molecular Medicine, 2001, 7, 435-441.	6.7	144
147	Energy transfer in "parasitic" cancer metabolism. Cell Cycle, 2011, 10, 4208-4216.	2.6	144
148	Caveolin Interacts with Trk A and p75NTR and Regulates Neurotrophin Signaling Pathways. Journal of Biological Chemistry, 1999, 274, 257-263.	3.4	143
149	Phenotypic Behavior of Caveolin-3 Mutations That Cause Autosomal Dominant Limb Girdle Muscular Dystrophy (LGMD-1C). Journal of Biological Chemistry, 1999, 274, 25632-25641.	3.4	141
150	Epidermal Growth Factor Receptor Exposed to Oxidative Stress Undergoes Src- and Caveolin-1-dependent Perinuclear Trafficking. Journal of Biological Chemistry, 2006, 281, 14486-14493.	3.4	141
151	An absence of stromal caveolin-1 is associated with advanced prostate cancer, metastatic disease spread and epithelial Akt activation. Cell Cycle, 2009, 8, 2420-2424.	2.6	141
152	Preferred apical distribution of glycosyl-phosphatidylinositol (GPI) anchored proteins: A highly conserved feature of the polarized epithelial cell phenotype. Journal of Membrane Biology, 1990, 113, 155-167.	2.1	140
153	Loss of Caveolin-1 Gene Expression Accelerates the Development of Dysplastic Mammary Lesions in Tumor-Prone Transgenic Mice. Molecular Biology of the Cell, 2003, 14, 1027-1042.	2.1	138
154	Cytokine production and inflammation drive autophagy in the tumor microenvironment. Cell Cycle, 2011, 10, 1784-1793.	2.6	137
155	Power Surge: Supporting Cells â€œFuelâ€•Cancer Cell Mitochondria. Cell Metabolism, 2012, 15, 4-5.	16.2	137
156	Caveolin-1 Potentiates Estrogen Receptor Î± (ERÎ±) Signaling. Journal of Biological Chemistry, 1999, 274, 33551-33556.	3.4	136
157	Human breast cancer-associated fibroblasts (CAFs) show caveolin-1 down-regulation and RB tumor suppressor functional inactivation: Implications for the response to hormonal therapy. Cancer Biology and Therapy, 2008, 7, 1212-1225.	3.4	136
158	Transcriptional evidence for the "Reverse Warburg Effect" in human breast cancer tumor stroma and metastasis: Similarities with oxidative stress, inflammation, Alzheimer's disease, and "Neuron-Glia Metabolic Coupling". Aging, 2010, 2, 185-199.	3.1	136
159	Caveolae, transmembrane signalling and cellular transformation. Molecular Membrane Biology, 1995, 12, 121-124.	2.0	135
160	Interaction between Caveolin-1 and the Reductase Domain of Endothelial Nitric-oxide Synthase. Journal of Biological Chemistry, 1998, 273, 22267-22271.	3.4	135
161	Caveolin-1 Null (â˜'/â˜') Mice Show Dramatic Reductions in Life Spanâ€. Biochemistry, 2003, 42, 15124-15131.	2.5	134
162	Caveolin-1 and regulation of cellular cholesterol homeostasis. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H677-H686.	3.2	134

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163	microRNA, Cell Cycle, and Human Breast Cancer. American Journal of Pathology, 2010, 176, 1058-1064.	3.8	133
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