Richard O Hynes

List of Publications by Year
in descending order

160 papers	55,022 citations	4960 84 h-index	6300 158 g-index
164 all docs	164 docs citations	164 times ranked	49690 citing authors

#	Article	IF	Citations
1	Integrins: Versatility, modulation, and signaling in cell adhesion. Cell, 1992, 69, 11-25.	28.9	9,858
2	Integrins. Cell, 2002, 110, 673-687.	28.9	7,714
3	The Extracellular Matrix: Not Just Pretty Fibrils. Science, 2009, 326, 1216-1219.	12.6	2,754
4	A framework for advancing our understanding of cancer-associated fibroblasts. Nature Reviews Cancer, 2020, 20, 174-186.	28.4	2,012
5	Comparative Genomics of the Eukaryotes. Science, 2000, 287, 2204-2215.	12.6	1,573
6	Direct Signaling between Platelets and Cancer Cells Induces an Epithelial-Mesenchymal-Like Transition and Promotes Metastasis. Cancer Cell, 2011, 20, 576-590.	16.8	1,476
7	Genomic analysis of metastasis reveals an essential role for RhoC. Nature, 2000, 406, 532-535.	27.8	1,347
8	Overview of the Matrisome--An Inventory of Extracellular Matrix Constituents and Functions. Cold Spring Harbor Perspectives in Biology, 2012, 4, a004903-a004903.	5.5	942
9	The Matrisome: In Silico Definition and In Vivo Characterization by Proteomics of Normal and Tumor Extracellular Matrices. Molecular and Cellular Proteomics, 2012, 11, M111.014647.	3.8	920
10	Id1 and Id3 are required for neurogenesis, angiogenesis and vascularization of tumour xenografts. Nature, 1999, 401, 670-677.	27.8	861
11	Structure of integrin, a glycoprotein involved in the transmembrane linkage between fibronectin and actin. Cell, 1986, 46, 271-282.	28.9	815
12	The extracellular matrix: Tools and insights for the â€œomicsâ€•era. Matrix Biology, 2016, 49, 10-24.	3.6	793
13	Immunogenic Chemotherapy Sensitizes Tumors to Checkpoint Blockade Therapy. Immunity, 2016, 44, 343-354.	14.3	767
14	Three different fibronectin mRNAs arise by alternative splicing within the coding region. Cell, 1983, 35, 421-431.	28.9	750
15	Î²3-integrinâ€“deficient mice are a model for Glanzmann thrombasthenia showing placental defects and reduced survival. Journal of Clinical Investigation, 1999, 103, 229-238.	8.2	669
16	Mice lacking Î²3 integrins are osteosclerotic because of dysfunctional osteoclasts. Journal of Clinical Investigation, 2000, 105, 433-440.	8.2	651
17	Distribution and Evolution of von Willebrand/Integrin A Domains: Widely Dispersed Domains with Roles in Cell Adhesion and Elsewhere. Molecular Biology of the Cell, 2002, 13, 3369-3387.	2.1	621
18	Extensive Vasculogenesis, Angiogenesis, and Organogenesis Precede Lethality in Mice Lacking All Î±v Integrins. Cell, 1998, 95, 507-519.	28.9	619

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19	The Talin Head Domain Binds to Integrin Î² Subunit Cytoplasmic Tails and Regulates Integrin Activation. Journal of Biological Chemistry, 1999, 274, 28071-28074.	3.4	617
20	Lymphoid cells recognize an alternatively spliced segment of fibronectin via the integrin receptor Î±4Î²1. Cell, 1990, 60, 53-61.	28.9	607
21	Enhanced pathological angiogenesis in mice lacking Î²3 integrin or Î²3 and Î²5 integrins. Nature Medicine, 2002, 8, 27-34.	30.7	603
22	Fibronectins. Springer Series in Molecular Biology, 1990, , .	2.0	581
23	Changes in integrin receptors on oncogenically transformed cells. Cell, 1989, 56, 281-290.	28.9	529
24	Physiological levels of tumstatin, a fragment of collagen IV Î±3 chain, are generated by MMP-9 proteolysis and suppress angiogenesis via Î±VÎ²3 integrin. Cancer Cell, 2003, 3, 589-601.	16.8	522
25	A reevaluation of integrins as regulators of angiogenesis. Nature Medicine, 2002, 8, 918-921.	30.7	520
26	The Hippo pathway target, YAP, promotes metastasis through its TEAD-interaction domain. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2441-50.	7.1	480
27	A mouse model of severe von Willebrand disease: Defects in hemostasis and thrombosis. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 9524-9529.	7.1	479
28	10 nm filaments in normal and transformed cells. Cell, 1978, 13, 151-163.	28.9	457
29	Relationships between fibronectin (LETS protein) and actin. Cell, 1978, 15, 875-886.	28.9	432
30	Platelets guide the formation of early metastatic niches. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3053-61.	7.1	431
31	Restoration of normal morphology, adhesion and cytoskeleton in transformed cells by addition of a transformation-sensitive surface protein. Cell, 1977, 11, 115-126.	28.9	426
32	Tumstatin, an Endothelial Cell-Specific Inhibitor of Protein Synthesis. Science, 2002, 295, 140-143.	12.6	416
33	Hematopoietic Progenitor Cell Rolling in Bone Marrow Microvessels: Parallel Contributions by Endothelial Selectins and Vascular Cell Adhesion Molecule 1. Journal of Experimental Medicine, 1998, 188, 465-474.	8.5	404
34	The Evolution of Cell Adhesion. Journal of Cell Biology, 2000, 150, F89-F96.	5.2	396
35	The Initial Hours of Metastasis: The Importance of Cooperative Hostâ€“Tumor Cell Interactions during Hematogenous Dissemination. Cancer Discovery, 2012, 2, 1091-1099.	9.4	394
36	Sequence and domain structure of talin. Nature, 1990, 347, 685-689.	27.8	302

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37	Extracellular matrix signatures of human mammary carcinoma identify novel metastasis promoters. ELife, 2014, 3, e01308.	6.0	291
38	Central Roles of Î± ₅ Î² ₁ Integrin and Fibronectin in Vascular Development in Mouse Embryos and Embryoid Bodies. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 927-933.	2.4	272
39	Osteoblasts remotely supply lung tumors with cancer-promoting SiglecF ^{high} neutrophils. Science, 2017, 358, .	12.6	270
40	Effects of LETS glycoprotein on cell motility. Cell, 1978, 14, 439-446.	28.9	267
41	Targeted Mutations in Cell Adhesion Genes: What Have We Learned from Them?. Developmental Biology, 1996, 180, 402-412.	2.0	266
42	Fibronectins Are Essential for Heart and Blood Vessel Morphogenesis But Are Dispensable for Initial Specification of Precursor Cells. Blood, 1997, 90, 3073-3081.	1.4	265
43	In vivo genome editing and organoid transplantation models of colorectal cancer and metastasis. Nature Biotechnology, 2017, 35, 569-576.	17.5	248
44	Interaction of fibronectin with its receptor on platelets. Cell, 1985, 42, 439-448.	28.9	244
45	Proteomic analyses of ECM during pancreatic ductal adenocarcinoma progression reveal different contributions by tumor and stromal cells. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19609-19618.	7.1	244
46	Ketone Body Signaling Mediates Intestinal Stem Cell Homeostasis and Adaptation to Diet. Cell, 2019, 178, 1115-1131.e15.	28.9	231
47	The evolution of metazoan extracellular matrix. Journal of Cell Biology, 2012, 196, 671-679.	5.2	227
48	Lymphatic or Hematogenous Dissemination: How Does a Metastatic Tumor Cell Decide?. Cell Cycle, 2006, 5, 812-817.	2.6	225
49	Fibronectins in vascular morphogenesis. Angiogenesis, 2009, 12, 165-175.	7.2	222
50	Ulcerative colitis and autoimmunity induced by loss of myeloid Î±v integrins. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15823-15828.	7.1	220
51	Gene Expression Changes in an Animal Melanoma Model Correlate with Aggressiveness of Human Melanoma Metastases. Molecular Cancer Research, 2008, 6, 760-769.	3.4	216
52	Nanobody-based CAR T cells that target the tumor microenvironment inhibit the growth of solid tumors in immunocompetent mice. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7624-7631.	7.1	205
53	Novel Roles for Î±3Î²1 Integrin as a Regulator of Cytoskeletal Assembly and as a Trans-dominant Inhibitor of Integrin Receptor Function in Mouse Keratinocytes. Journal of Cell Biology, 1998, 142, 1357-1369.	5.2	204
54	Extracellular matrix signatures of human primary metastatic colon cancers and their metastases to liver. BMC Cancer, 2014, 14, 518.	2.6	204

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55	Analysis of platelet adhesion with a radioactive chemical crosslinking reagent: Interaction of thrombospondin with fibronectin and collagen. Cell, 1982, 31, 253-262.	28.9	190
56	Characterization of the Extracellular Matrix of Normal and Diseased Tissues Using Proteomics. Journal of Proteome Research, 2017, 16, 3083-3091.	3.7	183
57	A combinatorial extracellular matrix platform identifies cell-extracellular matrix interactions that correlate with metastasis. Nature Communications, 2012, 3, 1122.	12.8	171
58	The emergence of integrins: a personal and historical perspective. Matrix Biology, 2004, 23, 333-340.	3.6	165
59	Tumor Cellâ€"Driven Extracellular Matrix Remodeling Drives Haptotaxis during Metastatic Progression. Cancer Discovery, 2016, 6, 516-531.	9.4	164
60	Defective Associations between Blood Vessels and Brain Parenchyma Lead to Cerebral Hemorrhage in Mice Lacking Î±v Integrins. Molecular and Cellular Biology, 2002, 22, 7667-7677.	2.3	162
61	The echinoderm adhesome. Developmental Biology, 2006, 300, 252-266.	2.0	158
62	Metastatic Potential. Cell, 2003, 113, 821-823.	28.9	144
63	Mesodermal development in mouse embryos mutant for fibronectin. , 1996, 207, 145-156.		143
64	Endothelial Î±5 and Î±v integrins cooperate in remodeling of the vasculature during development. Development (Cambridge), 2010, 137, 2439-2449.	2.5	141
65	Overlapping and Independent Functions of Fibronectin Receptor Integrins in Early Mesodermal Development. Developmental Biology, 1999, 215, 264-277.	2.0	135
66	Layilin, A Novel Talin-binding Transmembrane Protein Homologous with C-type Lectins, is Localized in Membrane Ruffles. Journal of Cell Biology, 1998, 143, 429-442.	5.2	134
67	Tumor-Secreted Vascular Endothelial Growth Factor-C Is Necessary for Prostate Cancer Lymphangiogenesis, but Lymphangiogenesis Is Unnecessary for Lymph Node Metastasis. Cancer Research, 2005, 65, 9789-9798.	0.9	133
68	Comprehensive proteomic characterization of stem cell-derived extracellular matrices. Biomaterials, 2017, 128, 147-159.	11.4	132
69	Inflamed neutrophils sequestered at entrapped tumor cells via chemotactic confinement promote tumor cell extravasation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7022-7027.	7.1	132
70	Layilin, a Novel Integral Membrane Protein, Is a Hyaluronan Receptor. Molecular Biology of the Cell, 2001, 12, 891-900.	2.1	129
71	Elucidation of the Roles of Tumor Integrin Î²1 in the Extravasation Stage of the Metastasis Cascade. Cancer Research, 2016, 76, 2513-2524.	0.9	129
72	Fibronectin Regulates Assembly of Actin Filaments and Focal Contacts in Cultured Cells via the Heparin-binding Site in Repeat III₁₃. Molecular Biology of the Cell, 1999, 10, 1521-1536.	2.1	127

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73	Multiple cardiovascular defects caused by the absence of alternatively spliced segments of fibronectin. Developmental Biology, 2007, 311, 11-24.	2.0	126
74	Extracellular Matrix Proteins in Hemostasis and Thrombosis. Cold Spring Harbor Perspectives in Biology, 2012, 4, a005132-a005132.	5.5	124
75	SRC tyrosine kinase activates the YAP/TAZ axis and thereby drives tumor growth and metastasis. Journal of Biological Chemistry, 2019, 294, 2302-2317.	3.4	119
76	Integrin-dependent and -independent functions of astrocytic fibronectin in retinal angiogenesis. Development (Cambridge), 2011, 138, 4451-4463.	2.5	116
77	Quantitative proteomics identify Tenascin-C as a promoter of lung cancer progression and contributor to a signature prognostic of patient survival. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5625-E5634.	7.1	116
78	Noninvasive imaging of tumor progression, metastasis, and fibrosis using a nanobody targeting the extracellular matrix. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14181-14190.	7.1	114
79	Effects of cytochalasin B and colchicine on attachment of a major surface protein of fibroblasts. Biochimica Et Biophysica Acta - Biomembranes, 1977, 471, 16-24.	2.6	113
80	A Quantitative System for Studying Metastasis Using Transparent Zebrafish. Cancer Research, 2015, 75, 4272-4282.	0.9	113
81	Towards definition of an ECM parts list: An advance on GO categories. Matrix Biology, 2012, 31, 371-372.	3.6	107
82	Increased primary tumor growth in mice null for Î²3- or Î²3/Î²5-integrins or selectins. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 763-768.	7.1	99
83	Cancer Cellâ€"Derived Matrisome Proteins Promote Metastasis in Pancreatic Ductal Adenocarcinoma. Cancer Research, 2020, 80, 1461-1474.	0.9	99
84	Direct Test of Potential Roles of EIIIA and EIIIB Alternatively Spliced Segments of Fibronectin in Physiological and Tumor Angiogenesis. Molecular and Cellular Biology, 2004, 24, 8662-8670.	2.3	96
85	Stretching the boundaries of extracellular matrix research. Nature Reviews Molecular Cell Biology, 2014, 15, 761-763.	37.0	91
86	Identification of the Peptide Sequences within the EIIIA (EDA) Segment of Fibronectin That Mediate Integrin Î±9Î²1-dependent Cellular Activities. Journal of Biological Chemistry, 2008, 283, 2858-2870.	3.4	90
87	Quantitative proteomic profiling of the extracellular matrix of pancreatic islets during the angiogenic switch and insulinoma progression. Scientific Reports, 2017, 7, 40495.	3.3	88
88	Therapeutic expression of the platelet-specific integrin, ÂIIbÂ3, in a murine model for Glanzmann thrombasthenia. Blood, 2005, 106, 2671-2679.	1.4	86
89	Enrichment of Extracellular Matrix Proteins from Tissues and Digestion into Peptides for Mass Spectrometry Analysis. Journal of Visualized Experiments, 2015, , e53057.	0.3	86
90	Macrophage-Secreted TNFÎ± and TGFÎ²1 Influence Migration Speed and Persistence of Cancer Cells in 3D Tissue Culture via Independent Pathways. Cancer Research, 2017, 77, 279-290.	0.9	86

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91	CUB-domainâ€"containing protein 1 (CDCP1) activates Src to promote melanoma metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1379-1384.	7.1	84
92	Fibronectin Isoform Distribution in the Mouse I. The Alternatively Spliced EIIIB, EIIIA, and V Segments Show Widespread Codistribution in the Developing Mouse Embryo. Cell Adhesion and Communication, 1996, 4, 103-125.	1.7	81
93	Fusion Competence of Myoblasts Rendered Genetically Null for N-Cadherin in Culture. Journal of Cell Biology, 1997, 138, 331-336.	5.2	81
94	PF4 Promotes Platelet Production and Lung Cancer Growth. Cell Reports, 2016, 17, 1764-1772.	6.4	80
95	Proteomic Profiling of the ECM of Xenograft Breast Cancer Metastases in Different Organs Reveals Distinct Metastatic Niches. Cancer Research, 2020, 80, 1475-1485.	0.9	79
96	Cell surface fibronectin and oncogenic transformation. Journal of Supramolecular Structure, 1979, 11, 95-104.	2.3	76
97	An angiogenic role for the Î±5Î²1 integrin in promoting endothelial cell proliferation during cerebral hypoxia. Experimental Neurology, 2012, 237, 46-54.	4.1	65
98	Drosophila integrins and their ligands. Current Opinion in Cell Biology, 1994, 6, 734-739.	5.4	64
99	Protein 4.1B suppresses prostate cancer progression and metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12784-12789.	7.1	63
100	Expression of Î±4 Integrin mRNA and Protein and Fibronectin in the Early Chicken Embryo. Cell Adhesion and Communication, 1994, 2, 359-375.	1.7	60
101	Fibronectin Isoform Distribution in the Mouse II. Differential Distribution of the Alternatively Spliced EIIIB, EIIIA, and V Segments in the Adult Mouse. Cell Adhesion and Communication, 1996, 4, 127-148.	1.7	56
102	A system for Cre-regulated RNA interference in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13895-13900.	7.1	56
103	Mena binds Î±5 integrin directly and modulates Î±5Î²1 function. Journal of Cell Biology, 2012, 198, 657-676.	5.2	56
104	GPR56 and TG2: Possible Roles in Suppression of Tumor Growth by the Microenvironment. Cell Cycle, 2007, 6, 160-165.	2.6	55
105	Structure-function analysis reveals discrete Î²3 integrin inside-out and outside-in signaling pathways in platelets. Blood, 2007, 109, 3284-3290.	1.4	50
106	Layilin, a cell surface hyaluronan receptor, interacts with merlin and radixin. Experimental Cell Research, 2005, 308, 177-187.	2.6	49
107	Î±v Integrins combine with LC3 and atg5 to regulate Toll-like receptor signalling in B cells. Nature Communications, 2016, 7, 10917.	12.8	49
108	Counterbalancing angiogenic regulatory factors control the rate of cancer progression and survival in a stage-specific manner. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9939-9944.	7.1	48

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109	The integrin PSI domain has an endogenous thiol isomerase function and is a novel target for antiplatelet therapy. Blood, 2017, 129, 1840-1854.	1.4	48
110	Expression of the Alternatively Spliced EIIIB Segment of Fibronectin. Cell Adhesion and Communication, 1995, 3, 67-89.	1.7	46
111	A Direct Test of Potential Roles for Î²3 and Î²5 Integrins in Growth and Metastasis of Murine Mammary Carcinomas. Cancer Research, 2005, 65, 10324-10329.	0.9	46
112	Analyses of the role of endogenous SPARC in mouse models of prostate and breast cancer. Clinical and Experimental Metastasis, 2008, 25, 109-118.	3.3	46
113	Integrin Î±5Î²1 is necessary for regulation of radial migration of cortical neurons during mouse brain development. European Journal of Neuroscience, 2010, 31, 399-409.	2.6	45
114	Suppression of pancreatic ductal adenocarcinoma growth and metastasis by fibrillar collagens produced selectively by tumor cells. Nature Communications, 2021, 12, 2328.	12.8	45
115	Maximizing response to intratumoral immunotherapy in mice by tuning local retention. Nature Communications, 2022, 13, 109.	12.8	45
116	An interaction between ÂvÂ8 integrin and Band 4.1B via a highly conserved region of the Band 4.1 C-terminal domain. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13479-13483.	7.1	44
117	Tumor Angiogenesis in the Absence of Fibronectin or Its Cognate Integrin Receptors. PLoS ONE, 2015, 10, e0120872.	2.5	44
118	Endothelium-derived fibronectin regulates neonatal vascular morphogenesis in an autocrine fashion. Angiogenesis, 2017, 20, 519-531.	7.2	43
119	Essential roles of fibronectin in the development of the leftâ€“right embryonic body plan. Developmental Biology, 2011, 354, 208-220.	2.0	42
120	Alternative Splicing of Endothelial Fibronectin Is Induced by Disturbed Hemodynamics and Protects Against Hemorrhage of the Vessel Wall. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2042-2050.	2.4	42
121	Integrin-targeted cancer immunotherapy elicits protective adaptive immune responses. Journal of Experimental Medicine, 2017, 214, 1679-1690.	8.5	41
122	Involvement of fibronectin, Von Willebrand factor, and fibrinogen in platelet interaction with solid substrata. Journal of Supramolecular Structure and Cellular Biochemistry, 1981, 17, 299-311.	1.4	39
123	The impact of molecular biology on models for cell adhesion. BioEssays, 1994, 16, 663-669.	2.5	38
124	Guidelines for human embryonic stem cell research. Nature Biotechnology, 2005, 23, 793-794.	17.5	38
125	Integrin-Î±5Î²1 is not required for mural cell functions during development of blood vessels but is required for lymphatic-blood vessel separation and lymphovenous valve formation. Developmental Biology, 2014, 392, 381-392.	2.0	38
126	Î±5 and Î±v integrins cooperate to regulate vascular smooth muscle and neural crest functions in vivo. Development (Cambridge), 2015, 142, 797-808.	2.5	38

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127	Synthesis, secretion, and attachment of lets glycoprotein in normal and transformed cells. Journal of Supramolecular Structure, 1977, 7, 397-408.	2.3	36
128	Transformation-specific secreted phosphoproteins. Nature, 1980, 286, 619-621.	27.8	35
129	STRUCTURAL BIOLOGY: Changing Partners. Science, 2003, 300, 755-756.	12.6	35
130	GPR56 Plays varying roles in endogenous cancer progression. Clinical and Experimental Metastasis, 2010, 27, 241-249.	3.3	32
131	Genetic Ablation of Î±v Integrins in Epithelial Cells of the Eyelid Skin and Conjunctiva Leads to Squamous Cell Carcinoma. American Journal of Pathology, 2008, 172, 1740-1747.	3.8	28
132	Intravital imaging of metastasis in adult Zebrafish. BMC Cancer, 2017, 17, 660.	2.6	28
133	Nephronectin is Correlated with Poor Prognosis in Breast Cancer and Promotes Metastasis via its Integrin-Binding Motifs. Neoplasia, 2018, 20, 387-400.	5.3	26
134	The Lack of ADAM17 Activity during Embryonic Development Causes Hemorrhage and Impairs Vessel Formation. PLoS ONE, 2010, 5, e13433.	2.5	26
135	Heart development in fibronectin-null mice is governed by a genetic modifier on chromosome four. Mechanisms of Development, 2007, 124, 551-558.	1.7	25
136	Alternative RNA splicing in the endothelium mediated in part by Rbfox2 regulates the arterial response to low flow. ELife, 2018, 7, .	6.0	25
137	Antibodies and methods for immunohistochemistry of extracellular matrix proteins. Matrix Biology, 2018, 71-72, 10-27.	3.6	25
138	[19] Gene targeting and generation of mutant mice for studies of cell-extracellular matrix interactions. Methods in Enzymology, 1994, 245, 386-420.	1.0	17
139	The cloning, genomic organization and expression of the focal contact protein paxillin in Drosophila. Gene, 2001, 262, 291-299.	2.2	16
140	Metastatic Cells Will Take Any Help They Can Get. Cancer Cell, 2011, 20, 689-690.	16.8	15
141	Toward Responsible Human Genome Editing. JAMA - Journal of the American Medical Association, 2017, 317, 1829.	7.4	14
142	YAP Enhances Tumor Cell Dissemination by Promoting Intravascular Motility and Reentry into Systemic Circulation. Cancer Research, 2020, 80, 3867-3879.	0.9	13
143	Agrin in the Muscularis Mucosa Serves as a Biomarker Distinguishing Hyperplastic Polyps from Sessile Serrated Lesions. Clinical Cancer Research, 2020, 26, 1277-1287.	7.0	11
144	Knockout of the gene encoding the extracellular matrix protein <scp>SNED1</scp> results in early neonatal lethality and craniofacial malformations. Developmental Dynamics, 2021, 250, 274-294.	1.8	10

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145	Tumorâ€“lymphatic interactions in an activated stromal microenvironment. Journal of Cellular Biochemistry, 2007, 101, 840-850.	2.6	9
146	US policies on human embryonic stem cells. Nature Reviews Molecular Cell Biology, 2008, 9, 993-997.	37.0	9
147	Structural analysis of fibronectin with monoclonal antibodies. Journal of Supramolecular Structure and Cellular Biochemistry, 1981, 17, 153-161.	1.4	8
148	Functional Comparison of the Î±3A and Î±3B Cytoplasmic Domain Variants of the Chicken Î±3 Integrin Subunit. Experimental Cell Research, 2001, 268, 45-60.	2.6	8
149	The scaffold protein IQGAP1 is crucial for extravasation and metastasis. Scientific Reports, 2020, 10, 2439.	3.3	8
150	Fibronectin: A Versatile Gene for a Versatile Protein. Novartis Foundation Symposium, 1984, 108, 75-92.	1.1	8
151	Alternative Splicing of FN (Fibronectin) Regulates the Composition of the Arterial Wall Under Low Flow. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, e18-e32.	2.4	7
152	The immunoglobulin superfamily in Caenorhabditis elegans and Drosophila melanogaster. Development (Cambridge), 2004, 131, 2237-2238.	2.5	6
153	<scp>Î±_V</scp> integrins in Schwann cells promote attachment to axons, but are dispensable in vivo. Glia, 2021, 69, 91-108.	4.9	6
154	Platelets, Tumor Cell Invasiveness, and Metastasis. Blood, 2013, 122, SCI-31-SCI-31.	1.4	2
155	Agrin Loss in Barrett's Esophagus-Related Neoplasia and Its Utility as a Diagnostic and Predictive Biomarker. Clinical Cancer Research, 2022, 28, 1167-1179.	7.0	2
156	E and P Selectins Are Not Required for Resistance to Severe Murine Lyme Arthritis. Infection and Immunity, 1998, 66, 4557-4559.	2.2	2
157	Reply to 'UK set to reverse stance on research with chimeras'. Nature Medicine, 2007, 13, 1133-1133.	30.7	1
158	Evolving policy with science. Science, 2017, 355, 889-889.	12.6	1
159	Î±5 and Î±v integrins cooperate to regulate vascular smooth muscle and neural crest functions in vivo. Journal of Cell Science, 2015, 128, e1-e1.	2.0	1
160	Evaluating The Role Of b3â€Integrins In Angiogenesis. FASEB Journal, 2006, 20, A22.	0.5	0