

Vito Quaranta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1193050/publications.pdf>

Version: 2024-02-01

185
papers

15,688
citations

18465

62
h-index

18633

119
g-index

197
all docs

197
docs citations

197
times ranked

13737
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time luminescence enables continuous drug response analysis in adherent and suspension cell lines. <i>Cancer Biology and Therapy</i> , 2022, 23, 358-368.	1.5	0
2	Organoids as a Systems Platform for SCLC Brain Metastasis. <i>Frontiers in Oncology</i> , 2022, 12, 881989.	1.3	5
3	Activation of STAT3 through combined SRC and EGFR signaling drives resistance to a mitotic kinesin inhibitor in glioblastoma. <i>Cell Reports</i> , 2022, 39, 110991.	2.9	5
4	Ralph A. Reisfeld, PhD: In Memoriam (1926–2020). <i>Cancer Research</i> , 2021, 81, 1429-1430.	0.4	0
5	Patterns of transcription factor programs and immune pathway activation define four major subtypes of SCLC with distinct therapeutic vulnerabilities. <i>Cancer Cell</i> , 2021, 39, 346-360.e7.	7.7	422
6	ASCL1 represses a SOX9 ⁺ neural crest stem-like state in small cell lung cancer. <i>Genes and Development</i> , 2021, 35, 847-869.	2.7	32
7	Thunor: visualization and analysis of high-throughput dose response datasets. <i>Nucleic Acids Research</i> , 2021, 49, W633-W640.	6.5	4
8	An in vitro model of tumor heterogeneity resolves genetic, epigenetic, and stochastic sources of cell state variability. <i>PLoS Biology</i> , 2021, 19, e3000797.	2.6	21
9	Beyond Programmed Death-Ligand 1: B7-H6 Emerges as a Potential Immunotherapy Target in SCLC. <i>Journal of Thoracic Oncology</i> , 2021, 16, 1211-1223.	0.5	17
10	MuSyC is a consensus framework that unifies multi-drug synergy metrics for combinatorial drug discovery. <i>Nature Communications</i> , 2021, 12, 4607.	5.8	50
11	An Integrative Gene Expression and Mathematical Flux Balance Analysis Identifies Targetable Redox Vulnerabilities in Melanoma Cells. <i>Cancer Research</i> , 2020, 80, 4565-4577.	0.4	6
12	ACDC: Automated Cell Detection and Counting for Time-Lapse Fluorescence Microscopy. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6187.	1.3	9
13	Drug-Tolerant Idling Melanoma Cells Exhibit Theory-Predicted Metabolic Low-Low Phenotype. <i>Frontiers in Oncology</i> , 2020, 10, 1426.	1.3	24
14	Charting the Fragmented Landscape of Drug Synergy. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 266-280.	4.0	56
15	New Approaches to SCLC Therapy: From the Laboratory to the Clinic. <i>Journal of Thoracic Oncology</i> , 2020, 15, 520-540.	0.5	119
16	Dynamics of drug response informs rational combination regimens. <i>Science Signaling</i> , 2019, 12, .	1.6	4
17	Leveraging Mathematical Modeling to Quantify Pharmacokinetic and Pharmacodynamic Pathways: Equivalent Dose Metric. <i>Frontiers in Physiology</i> , 2019, 10, 616.	1.3	7
18	Systems-level network modeling of Small Cell Lung Cancer subtypes identifies master regulators and destabilizers. <i>PLoS Computational Biology</i> , 2019, 15, e1007343.	1.5	77

#	ARTICLE	IF	CITATIONS
19	Quantifying Drug Combination Synergy along Potency and Efficacy Axes. <i>Cell Systems</i> , 2019, 8, 97-108.e16.	2.9	142
20	Molecular subtypes of small cell lung cancer: a synthesis of human and mouse model data. <i>Nature Reviews Cancer</i> , 2019, 19, 289-297.	12.8	692
21	Metabolic plasticity meets gene regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3370-3372.	3.3	22
22	Ventricular-Subventricular Zone Contact by Glioblastoma is Not Associated with Molecular Signatures in Bulk Tumor Data. <i>Scientific Reports</i> , 2019, 9, 1842.	1.6	25
23	Variable Cell Line Pharmacokinetics Contribute to Non-Linear Treatment Response in Heterogeneous Cell Populations. <i>Annals of Biomedical Engineering</i> , 2018, 46, 899-911.	1.3	5
24	Precision Medicine with Imprecise Therapy: Computational Modeling for Chemotherapy in Breast Cancer. <i>Translational Oncology</i> , 2018, 11, 732-742.	1.7	32
25	Biophysical Modeling of In Vivo Glioma Response After Whole-Brain Radiation Therapy in a Murine Model of Brain Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 1270-1279.	0.4	29
26	A Nonquiescent Quiescent Population State in Drug-Treated, BRAF-Mutated Melanoma. <i>Biophysical Journal</i> , 2018, 114, 1499-1511.	0.2	34
27	A drift-diffusion checkpoint model predicts a highly variable and growth-factor-sensitive portion of the cell cycle G1 phase. <i>PLoS ONE</i> , 2018, 13, e0192087.	1.1	5
28	Integrin alpha6 maintains the structural integrity of the kidney collecting system. <i>Matrix Biology</i> , 2017, 57-58, 244-257.	1.5	24
29	Dependence On Glycolysis Sensitizes BRAF-mutated Melanomas For Increased Response To Targeted BRAF Inhibition. <i>Scientific Reports</i> , 2017, 7, 42604.	1.6	41
30	A mechanically coupled reaction-diffusion model that incorporates intra-tumoural heterogeneity to predict in vivo glioma growth. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20161010.	1.5	66
31	Mathematical models of cell phenotype regulation and reprogramming: Make cancer cells sensitive again!. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017, 1867, 167-175.	3.3	21
32	Novel Hybrid Phenotype Revealed in Small Cell Lung Cancer by a Transcription Factor Network Model That Can Explain Tumor Heterogeneity. <i>Cancer Research</i> , 2017, 77, 1063-1074.	0.4	81
33	A Predictive Mathematical Modeling Approach for the Study of Doxorubicin Treatment in Triple Negative Breast Cancer. <i>Scientific Reports</i> , 2017, 7, 5725.	1.6	37
34	Altered TGF- β signaling drives cooperation between breast cancer cell populations. <i>FASEB Journal</i> , 2016, 30, 3441-3452.	0.2	11
35	An unbiased metric of antiproliferative drug effect in vitro. <i>Nature Methods</i> , 2016, 13, 497-500.	9.0	92
36	Automated Analysis of Cell-Matrix Adhesions in 2D and 3D Environments. <i>Scientific Reports</i> , 2015, 5, 8124.	1.6	14

#	ARTICLE	IF	CITATIONS
37	Integrin $\beta 3$ regulates kidney collecting duct development via TRAF6-dependent K63-linked polyubiquitination of Akt. <i>Molecular Biology of the Cell</i> , 2015, 26, 1857-1874.	0.9	27
38	Predicting <i>in vivo</i> glioma growth with the reaction diffusion equation constrained by quantitative magnetic resonance imaging data. <i>Physical Biology</i> , 2015, 12, 046006.	0.8	42
39	Toward a Science of Tumor Forecasting for Clinical Oncology. <i>Cancer Research</i> , 2015, 75, 918-923.	0.4	74
40	Quantifying heterogeneity and dynamics of clonal fitness in response to perturbation. <i>Journal of Cellular Physiology</i> , 2015, 230, 1403-1412.	2.0	23
41	Quantitative Approaches to Heterogeneity and Growth Variability in Cell Populations. <i>Springer Proceedings in Mathematics and Statistics</i> , 2014, , 15-27.	0.1	0
42	Derivation and experimental comparison of cell-division probability densities. <i>Journal of Theoretical Biology</i> , 2014, 359, 129-135.	0.8	11
43	Co-expression network analysis identifies Spleen Tyrosine Kinase (SYK) as a candidate oncogenic driver in a subset of small-cell lung cancer. <i>BMC Systems Biology</i> , 2013, 7, S1.	3.0	83
44	What Lies Beneath: Looking Beyond Tumor Genetics Shows the Complexity of Signaling Networks Underlying Drug Sensitivity. <i>Science Signaling</i> , 2013, 6, pe32.	1.6	8
45	Beyond genetics in personalized cancer treatment: assessing dynamics and heterogeneity of tumor responses. <i>Personalized Medicine</i> , 2013, 10, 221-225.	0.8	5
46	Clinically Relevant Modeling of Tumor Growth and Treatment Response. <i>Science Translational Medicine</i> , 2013, 5, 187ps9.	5.8	145
47	Network Analysis of the Focal Adhesion to Invadopodia Transition Identifies a PI3K-PKC β Invasive Signaling Axis. <i>Science Signaling</i> , 2012, 5, ra66.	1.6	69
48	Computational investigation of intrinsic and extrinsic mechanisms underlying the formation of carcinoma. <i>Mathematical Medicine and Biology</i> , 2012, 29, 67-84.	0.8	15
49	CellAnimation: an open source MATLAB framework for microscopy assays. <i>Bioinformatics</i> , 2012, 28, 138-139.	1.8	18
50	Establishment and Validation of Computational Model for MT1-MMP Dependent ECM Degradation and Intervention Strategies. <i>PLoS Computational Biology</i> , 2012, 8, e1002479.	1.5	66
51	Thrombospondin-1 acts as a ligand for CD148 tyrosine phosphatase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1985-1990.	3.3	48
52	The contribution of age structure to cell population responses to targeted therapeutics. <i>Journal of Theoretical Biology</i> , 2012, 311, 19-27.	0.8	48
53	Fractional proliferation: a method to deconvolve cell population dynamics from single-cell data. <i>Nature Methods</i> , 2012, 9, 923-928.	9.0	104
54	Development of High-Throughput Quantitative Assays for Glucose Uptake in Cancer Cell Lines. <i>Molecular Imaging and Biology</i> , 2011, 13, 840-852.	1.3	27

#	ARTICLE	IF	CITATIONS
55	Laminin α 3 β 2 cleavage by matriptase alters motility parameters of prostate cancer cells. <i>Prostate</i> , 2011, 71, 184-196.	1.2	28
56	Influence of cell cycle phase on apparent diffusion coefficient in synchronized cells detected using temporal diffusion spectroscopy. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 920-926.	1.9	32
57	Laminin α 3 β 2 β 1 integrin interactions negatively regulate invadopodia. <i>Journal of Cellular Physiology</i> , 2010, 223, 134-142.	2.0	26
58	MT1-MMP-mediated basement membrane remodeling modulates renal development. <i>Experimental Cell Research</i> , 2010, 316, 2993-3005.	1.2	24
59	Epitope mapping of function-blocking monoclonal antibody CM6 suggests a weak integrin binding site on the laminin α 3 β 2 LG2 domain. <i>Journal of Cellular Physiology</i> , 2010, 223, 541-548.	2.0	6
60	The role of a recombinant fragment of laminin-332 in integrin β 1-dependent cell binding, spreading and migration. <i>Biomaterials</i> , 2010, 31, 5110-5121.	5.7	11
61	DNA copy number aberrations in small-cell lung cancer reveal activation of the focal adhesion pathway. <i>Oncogene</i> , 2010, 29, 6331-6342.	2.6	41
62	Not all noise is waste. <i>Nature Methods</i> , 2010, 7, 269-272.	9.0	9
63	Lysophosphatidic Acid Upregulates Laminin-332 Expression during A431 Cell Colony Dispersal. <i>Journal of Oncology</i> , 2010, 2010, 1-8.	0.6	8
64	Linking Changes in Epithelial Morphogenesis to Cancer Mutations Using Computational Modeling. <i>PLoS Computational Biology</i> , 2010, 6, e1000900.	1.5	38
65	An Off-Lattice Hybrid Discrete-Continuum Model of Tumor Growth and Invasion. <i>Biophysical Journal</i> , 2010, 98, 37-47.	0.2	79
66	Bimodal Analysis Reveals a General Scaling Law Governing Nondirected and Chemotactic Cell Motility. <i>Biophysical Journal</i> , 2010, 99, 367-376.	0.2	9
67	Laminins and Cancer Progression. , 2010, , 87-109.		2
68	Human Mammary Epithelial Cells Exhibit a Bimodal Correlated Random Walk Pattern. <i>PLoS ONE</i> , 2010, 5, e9636.	1.1	37
69	Cadherin-Bound β -Catenin Feeds into the Wnt Pathway upon Adherens Junctions Dissociation: Evidence for an Intersection between β -Catenin Pools. <i>PLoS ONE</i> , 2009, 4, e4580.	1.1	154
70	Microenvironmental Independence Associated with Tumor Progression. <i>Cancer Research</i> , 2009, 69, 8797-8806.	0.4	60
71	A Decreased Ratio of Laminin-332 β 3 to β 2 Subunit mRNA is Associated with Poor Prognosis in Colon Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009, 18, 1584-1590.	1.1	16
72	Nest expansion assay: a cancer systems biology approach to in vitro invasion measurements. <i>BMC Research Notes</i> , 2009, 2, 130.	0.6	27

#	ARTICLE	IF	CITATIONS
73	Microenvironment driven invasion: a multiscale multimodel investigation. <i>Journal of Mathematical Biology</i> , 2009, 58, 579-624.	0.8	92
74	Trait Variability of Cancer Cells Quantified by High-Content Automated Microscopy of Single Cells. <i>Methods in Enzymology</i> , 2009, 467, 23-57.	0.4	24
75	Defining the role of laminin-332 in carcinoma. <i>Matrix Biology</i> , 2009, 28, 445-455.	1.5	81
76	Transforming Growth Factor β 2 Induces Clustering of HER2 and Integrins by Activating Src-Focal Adhesion Kinase and Receptor Association to the Cytoskeleton. <i>Cancer Research</i> , 2009, 69, 475-482.	0.4	126
77	A spatial model of tumor-host interaction: Application of chemotherapy. <i>Mathematical Biosciences and Engineering</i> , 2009, 6, 521-546.	1.0	79
78	Integrative mathematical oncology. <i>Nature Reviews Cancer</i> , 2008, 8, 227-234.	12.8	387
79	Dissection of the osteogenic effects of laminin-332 utilizing specific LG domains: LG3 induces osteogenic differentiation, but not mineralization. <i>Experimental Cell Research</i> , 2008, 314, 763-773.	1.2	27
80	A novel circular invasion assay mimics in vivo invasive behavior of cancer cell lines and distinguishes single-cell motility in vitro. <i>BMC Cancer</i> , 2008, 8, 198.	1.1	80
81	Invasion emerges from cancer cell adaptation to competitive microenvironments: Quantitative predictions from multiscale mathematical models. <i>Seminars in Cancer Biology</i> , 2008, 18, 338-348.	4.3	64
82	Model-controlled hydrodynamic focusing to generate multiple overlapping gradients of surface-immobilized proteins in microfluidic devices. <i>Lab on A Chip</i> , 2008, 8, 238-244.	3.1	25
83	Migration of isogenic cell lines quantified by dynamic multivariate analysis of single-cell motility. <i>Cell Adhesion and Migration</i> , 2008, 2, 127-136.	1.1	9
84	Laminin-332 Is a Substrate for Hepsin, a Protease Associated with Prostate Cancer Progression. <i>Journal of Biological Chemistry</i> , 2008, 283, 30576-30584.	1.6	83
85	Modeling of Effects of Nutrient Gradients on Cell Proliferation in Microfluidic Bioreactor. <i>Biotechnology Progress</i> , 2007, 23, 1347-1354.	1.3	6
86	Biological Scales. <i>FASEB Journal</i> , 2007, 21, A97.	0.2	0
87	Binding of Integrins to Laminins. <i>FASEB Journal</i> , 2007, 21, A152.	0.2	0
88	Tumor Morphology and Phenotypic Evolution Driven by Selective Pressure from the Microenvironment. <i>Cell</i> , 2006, 127, 905-915.	13.5	714
89	Dispersal of epithelial cancer cell colonies by lysophosphatidic acid (LPA). <i>Journal of Cellular Physiology</i> , 2006, 206, 337-346.	2.0	21
90	Integrin α 6 β 4-erbB2 Complex Inhibits Haptotaxis by Up-regulating E-cadherin Cell-Cell Junctions in Keratinocytes. <i>Journal of Biological Chemistry</i> , 2005, 280, 8004-8015.	1.6	36

#	ARTICLE	IF	CITATIONS
91	Membrane-type Matrix Metalloproteinase-1 (MT1-MMP) Is a Processing Enzyme for Human Laminin β 2 Chain. <i>Journal of Biological Chemistry</i> , 2005, 280, 88-93.	1.6	116
92	A simplified laminin nomenclature. <i>Matrix Biology</i> , 2005, 24, 326-332.	1.5	760
93	Mathematical modeling of cancer: The future of prognosis and treatment. <i>Clinica Chimica Acta</i> , 2005, 357, 173-179.	0.5	96
94	Proteolytic processing of laminin α 5 by MT1-MMP in tissues and its effects on epithelial cell morphology. <i>FASEB Journal</i> , 2004, 18, 1-22.	0.2	70
95	Tumor cell α 3 β 1 integrin and vascular laminin-5 mediate pulmonary arrest and metastasis. <i>Journal of Cell Biology</i> , 2004, 164, 935-941.	2.3	185
96	Kisspeptin-10, a KiSS-1/metastin-derived decapeptide, is a physiological invasion inhibitor of primary human trophoblasts. <i>Journal of Cell Science</i> , 2004, 117, 1319-1328.	1.2	314
97	Epithelial cell motility on laminin-5: regulation by matrix assembly, proteolysis, integrins and erbB receptors. <i>Matrix Biology</i> , 2004, 23, 75-85.	1.5	90
98	Tales from the crypt[ic] sites of the extracellular matrix. <i>Trends in Cell Biology</i> , 2003, 13, 366-375.	3.6	181
99	De novo identification of tumor-specific internalizing human antibody-receptor pairs by phage-display methods. <i>Journal of Immunological Methods</i> , 2003, 274, 185-197.	0.6	39
100	Remodeling of the Microenvironment by Aggressive Melanoma Tumor Cells. <i>Annals of the New York Academy of Sciences</i> , 2003, 995, 151-161.	1.8	102
101	Matrix metalloproteinases process the laminin-5 β 2-chain and regulate epithelial cell migration. <i>Biochemical and Biophysical Research Communications</i> , 2003, 303, 1012-1017.	1.0	91
102	Binding to EGF receptor of a laminin-5 EGF-like fragment liberated during MMP-dependent mammary gland involution. <i>Journal of Cell Biology</i> , 2003, 161, 197-209.	2.3	277
103	Cancer Invasion: Watch Your Neighbourhood!. <i>Tumori</i> , 2003, 89, 343-348.	0.6	28
104	Cancer invasion: watch your neighbourhood!. <i>Tumori</i> , 2003, 89, 343-8.	0.6	12
105	Discrete Proteolysis of Focal Contact and Adherens Junction Components in <i>Porphyromonas gingivalis</i> -Infected Oral Keratinocytes: a Strategy for Cell Adhesion and Migration Disabling. <i>Infection and Immunity</i> , 2002, 70, 5846-5856.	1.0	72
106	Motility cues in the tumor microenvironment. <i>Differentiation</i> , 2002, 70, 590-598.	1.0	32
107	Localization and possible role of two different α v β 3 integrin conformations in resting and resorbing osteoclasts. <i>Journal of Cell Science</i> , 2002, 115, 2919-2929.	1.2	63
108	Normalizing DNA microarray data. <i>Current Issues in Molecular Biology</i> , 2002, 4, 57-64.	1.0	66

#	ARTICLE	IF	CITATIONS
109	Localization and possible role of two different alpha v beta 3 integrin conformations in resting and resorbing osteoclasts. <i>Journal of Cell Science</i> , 2002, 115, 2919-29.	1.2	52
110	Involvement of Laminin Binding Integrins and Laminin-5 in Branching Morphogenesis of the Ureteric Bud during Kidney Development. <i>Developmental Biology</i> , 2001, 238, 289-302.	0.9	79
111	Human Hepatocellular Carcinoma (HCC) Cells Require Both $\alpha 3 \beta 1$ Integrin and Matrix Metalloproteinases Activity for Migration and Invasion. <i>Laboratory Investigation</i> , 2001, 81, 613-627.	1.7	134
112	Inhibitory Role of $\alpha 6 \beta 4$ -Associated ErbB-2 and Phosphoinositide 3-Kinase in Keratinocyte Haptotactic Migration Dependent on $\alpha 3 \beta 1$ Integrin. <i>Journal of Cell Biology</i> , 2001, 153, 465-478.	2.3	105
113	The LG3 Module of Laminin-5 Harbors a Binding Site for Integrin $\alpha 3 \beta 1$ That Promotes Cell Adhesion, Spreading, and Migration. <i>Journal of Biological Chemistry</i> , 2001, 276, 33045-33053.	1.6	95
114	Characterization of Morphological and Cytoskeletal Changes in MCF10A Breast Epithelial Cells Plated on Laminin-5: Comparison with Breast Cancer Cell Line MCF7. <i>Cell Communication and Adhesion</i> , 2001, 8, 29-44.	1.0	12
115	Cell Migration through Extracellular Matrix. <i>Journal of Cell Biology</i> , 2000, 149, 1167-1170.	2.3	66
116	Role of Cell Surface Metalloprotease Mt1-Mmp in Epithelial Cell Migration over Laminin-5. <i>Journal of Cell Biology</i> , 2000, 148, 615-624.	2.3	596
117	Expression and Function of $\alpha 3 \beta 3$ and $\alpha 3 \beta 5$ Integrins in the Developing Pancreas. <i>Journal of Cell Biology</i> , 2000, 150, 1445-1460.	2.3	147
118	Antibody-Induced Activation of $\beta 1$ Integrin Receptors Stimulates cAMP-Dependent Migration of Breast Cells on Laminin-5. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , 2000, 4, 129-135.	1.7	15
119	Laminin 5 in the Human Thymus: Control of T Cell Proliferation via $\alpha 6 \beta 4$ Integrins. <i>Journal of Cell Biology</i> , 1999, 144, 563-574.	2.3	37
120	Evidence that laminin-5 is a component of the tooth surface internal basal lamina, supporting epithelial cell adhesion. <i>Journal of Periodontal Research</i> , 1999, 34, 16-24.	1.4	27
121	Molecular cloning and characterization of CD4 in an aquatic mammal, the white whale <i>Delphinapterus leucas</i> . <i>Immunogenetics</i> , 1999, 49, 376-383.	1.2	41
122	Expression of Matrix Metalloprotease-2-Cleaved Laminin-5 in Breast Remodeling Stimulated by Sex Steroids. <i>American Journal of Pathology</i> , 1999, 154, 1193-1201.	1.9	71
123	Migration of breast epithelial cells on Laminin-5: differential role of integrins in normal and transformed cell types. <i>Breast Cancer Research and Treatment</i> , 1998, 51, 57-69.	1.1	66
124	Mode of Adsorption and Orientation of an Extracellular Matrix Protein Affect Its Cell-Adhesion-Promoting Activity. <i>Analytical Biochemistry</i> , 1998, 265, 1-7.	1.1	9
125	Activation of $\alpha 3 \beta 3$ Integrin on Human Osteoclast-like Cells Stimulates Adhesion and Migration in Response to Osteopontin. <i>Biochemical and Biophysical Research Communications</i> , 1998, 249, 522-525.	1.0	57
126	Characterization of a Tight Molecular Complex between Integrin $\alpha 6 \beta 4$ and Laminin-5 Extracellular Matrix. <i>Biochemical and Biophysical Research Communications</i> , 1998, 251, 49-55.	1.0	28

#	ARTICLE	IF	CITATIONS
127	Integrin $\alpha 6 \beta 1$ Induces CD81-dependent Cell Motility without Engaging the Extracellular Matrix Migration Substrate. <i>Molecular Biology of the Cell</i> , 1997, 8, 2253-2265.	0.9	64
128	Induction of Cell Migration by Matrix Metalloprotease-2 Cleavage of Laminin-5. <i>Science</i> , 1997, 277, 225-228.	6.0	1,120
129	Coating of titanium alloy with soluble laminin-5 promotes cell attachment and hemidesmosome assembly in gingival epithelial cells: potential application to dental implants. <i>Journal of Periodontal Research</i> , 1997, 32, 287-294.	1.4	71
130	Integrins and laminins in tissue remodeling. <i>Kidney International</i> , 1997, 51, 1441-1446.	2.6	10
131	Alpha6 integrins mediate adhesion and migration of breast carcinoma cell lines. <i>Clinical and Experimental Metastasis</i> , 1997, 16, 50-61.	1.7	108
132	Rapid Disruption of an Astrocyte Interaction With the Extracellular Matrix Mediated by Integrin $\alpha 6 \beta 4$ During Focal Cerebral Ischemia/Reperfusion. <i>Stroke</i> , 1997, 28, 858-865.	1.0	147
133	Morphogenetic Effects of Soluble Laminin-5 on Cultured Epithelial Cells and Tissue Explants. <i>Experimental Cell Research</i> , 1996, 228, 262-270.	1.2	66
134	Evidence for a K ⁺ Channel Requirement in Spreading of Rat Basophilic Leukemia Cells on Fibronectin-Coated Surfaces. <i>Biochemical and Biophysical Research Communications</i> , 1996, 221, 51-58.	1.0	3
135	Activation of the Integrin $\alpha v \beta 3$ Involves a Discrete Cation-binding Site That Regulates Conformation. <i>Journal of Biological Chemistry</i> , 1996, 271, 1364-1370.	1.6	72
136	A splice variant of alpha 6 integrin is associated with malignant conversion in mouse skin tumorigenesis.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 7041-7045.	3.3	28
137	Rapid Spreading and Mature Hemidesmosome Formation in HaCaT Keratinocytes Induced by Incubation with Soluble Laminin-5r. <i>Journal of Investigative Dermatology</i> , 1995, 105, 557-561.	0.3	66
138	The Activation State of the Integrin $\alpha 6 \beta 3$ Affects Outside-in Signals Leading to Cell Spreading and Focal Adhesion Kinase Phosphorylation. <i>Journal of Biological Chemistry</i> , 1995, 270, 18133-18140.	1.6	58
139	Gradient of Integrin $\alpha 6$ Distribution in the Myocardium During Early Heart Development. <i>Cell Adhesion and Communication</i> , 1995, 3, 101-113.	1.7	30
140	Integrin cytoplasmic domains mediate inside-out signal transduction. <i>Journal of Cell Biology</i> , 1994, 124, 1047-1059.	2.3	628
141	Psoriatic lesions in patients with chronic liver disease are distinct from psoriasis vulgaris lesions, as judged on basis of integrin adhesion receptors. <i>Hepatology</i> , 1994, 20, 56-65.	3.6	37
142	Psoriatic lesions in patients with chronic liver disease are distinct from psoriasis vulgaris lesions, as judged on basis of integrin adhesion receptors. <i>Hepatology</i> , 1994, 20, 56-65.	3.6	11
143	Distinctive Functions of $\alpha 6 \beta 4$ and Other Integrins in Epithelial Cells. , 1994, , 141-161.		2
144	Immunolocalization of integrins in the normal and neoplastic colonic epithelium. <i>Vigiliae Christianae</i> , 1993, 63, 373-383.	0.1	33

#	ARTICLE	IF	CITATIONS
145	Integrin Expression and Epithelial Cell Differentiation. , 1993, , 13-27.		2
146	Immunolocalization of Integrin $\alpha 6 \beta 4$ in Mouse Junctional Epithelium Suggests an Anchoring Function to both the Internal and the External Basal Lamina. Journal of Dental Research, 1992, 71, 1503-1508.	2.5	57
147	MHC class II molecules and immunoglobulins on peripheral blood lymphocytes of the bottlenosed dolphin, <i>Tursiops truncatus</i> . The Journal of Experimental Zoology, 1992, 263, 96-104.	1.4	48
148	Cell type-specific integrin variants with alternative alpha chain cytoplasmic domains.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 10183-10187.	3.3	190
149	The internal affairs of an integrin. Trends in Cell Biology, 1991, 1, 2-4.	3.6	73
150	Laminin receptors in the retina: sequence analysis of the chick integrin alpha 6 subunit. Evidence for transcriptional and posttranslational regulation.. Journal of Cell Biology, 1991, 113, 405-416.	2.3	164
151	Surface relocation of alpha 6 beta 4 integrins and assembly of hemidesmosomes in an in vitro model of wound healing.. Journal of Cell Biology, 1991, 115, 1737-1750.	2.3	172
152	The major laminin receptor of mouse embryonic stem cells is a novel isoform of the alpha 6 beta 1 integrin.. Journal of Cell Biology, 1991, 115, 843-850.	2.3	162
153	Polarized integrin mediates human keratinocyte adhesion to basal lamina.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 6888-6892.	3.3	212
154	Intracellular transport of class II MHC molecules directed by invariant chain. Nature, 1990, 348, 600-605.	13.7	521
155	Epithelial integrins. Cell Differentiation and Development, 1990, 32, 361-365.	0.4	21
156	Epithelial integrin alpha 6 beta 4: complete primary structure of alpha 6 and variant forms of beta 4.. Journal of Cell Biology, 1990, 111, 1593-1604.	2.3	320
157	A novel vitronectin receptor integrin ($\alpha v \beta 3$) is responsible for distinct adhesive properties of carcinoma cells. Cell, 1989, 57, 59-69.	13.5	356
158	Transgenic HLA-DR β faithfully reconstitutes IE-controlled immune functions and induces cross-tolerance to β in β 0 mutant mice. Cell, 1989, 58, 583-594.	13.5	65
159	Four Ia invariant chain forms derive from a single gene by alternate splicing and alternate initiation of transcription/translation.. Journal of Experimental Medicine, 1987, 166, 444-460.	4.2	78
160	Binding of Monoclonal Antibody (4F2) to its Cell Surface Antigen on Dispersed Adenomatous Parathyroid Cells Raises Cytosolic Calcium and Inhibits Parathyroid Hormone Secretion*. Journal of Clinical Endocrinology and Metabolism, 1987, 64, 43-50.	1.8	35
161	An ELISA for detection of DNA-bound carcinogen using a monoclonal antibody to N-acetoxy-2-acetylaminofluorene-modified DNA. Journal of Immunological Methods, 1987, 98, 195-200.	0.6	8
162	The HLA-Class II-associated chondroitin sulfate proteoglycan expressed by class II positive T and monocyte-like cell lines is larger than that expressed by EBV-transformed B-lymphoblastoid cell lines. Human Immunology, 1987, 18, 315-330.	1.2	5

#	ARTICLE	IF	CITATIONS
163	Structure of the human Ia-associated invariant (gamma)-chain gene: identification of 5' sequences shared with major histocompatibility complex class II genes.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 4484-4488.	3.3	50
164	The human invariant chain is the core protein of the human class II-associated proteoglycan.. Journal of Experimental Medicine, 1986, 164, 1422-1439.	4.2	40
165	Chloroquine affects biosynthesis of Ia molecules by inhibiting dissociation of invariant (gamma) chains from alpha-beta dimers in B cells.. Journal of Experimental Medicine, 1985, 162, 1371-1376.	4.2	119
166	A recurrent idiotype on monoclonal anti-human Ia antibodies.. Journal of Experimental Medicine, 1982, 156, 1551-1556.	4.2	6
167	HLA-DR antigens and mitogenic factors released by PWM-stimulated T lymphocytes share the framework determinant recognized by the monoclonal antibody Q5/13. Cellular Immunology, 1981, 62, 406-411.	1.4	3
168	Ia-like antigens on freshly explanted human melanoma. Clinical Immunology and Immunopathology, 1981, 19, 250-259.	2.1	29
169	Expression of Ia-like antigens on the vasculature of human kidney. Clinical Immunology and Immunopathology, 1981, 20, 11-20.	2.1	34
170	EXPRESSION OF Ia-LIKE ANTIGENS IN NORMAL HUMAN NONLYMPHOID TISSUES. Transplantation, 1981, 31, 75-78.	0.5	223
171	Distribution of antigenic determinants recognized by three monoclonal antibodies (Q2/70, Q5/6 and) Tj ETQq1 1 0,784314 rgBT /Ove	1.2	40
172	Stimulation of human T lymphocytes by PHA-activated autologous T lymphocytes: Analysis of the role of Ia-like antigens with monoclonal antibodies. Immunogenetics, 1981, 12, 267-274.	1.2	57
173	Changes in Ia-like antigen expression on malignant human cells. Immunogenetics, 1981, 12, 409-413.	1.2	59
174	The free and the ?2-microglobulin-associated heavy chains of HLA-A, B alloantigens share the antigenic determinant recognized by the monoclonal antibody Q1/28. Immunogenetics, 1981, 13, 285-295.	1.2	56
175	Cross-reactivity between human and murine lymphocyte antigens. Immunogenetics, 1981, 13, 311-317.	1.2	1
176	The monoclonal xenoantibody Q6/64 recognizes a determinant expressed by certain gene products of the A and B loci of the HLA region. Immunogenetics, 1981, 14, 403-413.	1.2	37
177	Effect of Tunicamycin on the Assembly and Antigenicity of HLA Antigens: Analysis with Monoclonal Antibodies. Scandinavian Journal of Immunology, 1981, 14, 201-205.	1.3	12
178	Characterization of Human Null Cells Isolated from Peripheral Lymphocytes by a Simultaneous Double-Rosetting Procedure. Scandinavian Journal of Immunology, 1981, 14, 225-231.	1.3	4
179	HLA Polyclonal and Monoclonal Xenoantibodies. , 1981, , 307-345.		2
180	Effect of polyclonal and monoclonal HLA-DR xenoantibodies on xenogeneic mixed lymphocyte reactions. Immunogenetics, 1980, 11-11, 413-416.	1.2	13

#	ARTICLE	IF	CITATIONS
181	Isolation of Ia-like antigen-bearing cells from human peripheral lymphocytes through the use of a monoclonal antibody to framework determinants of Ia-like antigens. Journal of Immunological Methods, 1980, 39, 343-354.	0.6	13
182	Serological, functional, and immunochemical characterization of a monoclonal antibody (MoAb) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 7	1.2	16
183	Monoclonal and Polyclonal Xenoantibodies to the HLA-A, B, C Antigenic Molecular Complex Do Not Affect the Functional Activity of C3 Receptors. Immunobiology, 1980, 158, 17-21.	0.8	1
184	Rosetting of human T lymphocytes with goat red blood cells: Effect of treatment with 2-aminoethylisothiuronium bromide (AET) and comparison with AET treated sheep red blood cells. Journal of Immunological Methods, 1979, 30, 317-328.	0.6	11
185	A Radioimmunoassay for Evaluation of Xenoantisera to Melanoma-Associated Antigens ²³ . Journal of the National Cancer Institute, 1979, 62, 455-463.	3.0	32