# Vito Quaranta

List of Publications by Year
in descending order

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|---|---|---|---|
| 185 papers | 15,688 citations | 18436 62 h-index | 18606 119 g-index |
| 197 all docs | 197 docs citations | 197 times ranked | 13737 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Real-time luminescence enables continuous drugâ€“response analysis in adherent and suspension cell lines. Cancer Biology and Therapy, 2022, 23, 358-368. | 1.5 | 0 |
| 2 | Organoids as a Systems Platform for SCLC Brain Metastasis. Frontiers in Oncology, 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. Cell Reports, 2022, 39, 110991. | 2.9 | 5 |
| 4 | Ralph A. Reisfeld, PhD: In Memoriam (1926â€“2020). Cancer Research, 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. Cancer Cell, 2021, 39, 346-360.e7. | 7.7 | 422 |
| 6 | ASCL1 represses a SOX9<sup>+</sup> neural crest stem-like state in small cell lung cancer. Genes and Development, 2021, 35, 847-869. | 2.7 | 32 |
| 7 | Thunor: visualization and analysis of high-throughput doseâ€“response datasets. Nucleic Acids Research, 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. PLoS Biology, 2021, 19, e3000797. | 2.6 | 21 |
| 9 | Beyond Programmed Death-Ligand 1: B7-H6 Emerges as a Potential Immunotherapy Target in SCLC. Journal of Thoracic Oncology, 2021, 16, 1211-1223. | 0.5 | 17 |
| 10 | MuSyC is a consensus framework that unifies multi-drug synergy metrics for combinatorial drug discovery. Nature Communications, 2021, 12, 4607. | 5.8 | 50 |
| 11 | An Integrative Gene Expression and Mathematical Flux Balance Analysis Identifies Targetable Redox Vulnerabilities in Melanoma Cells. Cancer Research, 2020, 80, 4565-4577. | 0.4 | 6 |
| 12 | ACDC: Automated Cell Detection and Counting for Time-Lapse Fluorescence Microscopy. Applied Sciences (Switzerland), 2020, 10, 6187. | 1.3 | 9 |
| 13 | Drug-Tolerant Idling Melanoma Cells Exhibit Theory-Predicted Metabolic Low-Low Phenotype. Frontiers in Oncology, 2020, 10, 1426. | 1.3 | 24 |
| 14 | Charting the Fragmented Landscape of Drug Synergy. Trends in Pharmacological Sciences, 2020, 41, 266-280. | 4.0 | 56 |
| 15 | New Approaches to SCLC Therapy: From the Laboratory to the Clinic. Journal of Thoracic Oncology, 2020, 15, 520-540. | 0.5 | 119 |
| 16 | Dynamics of drug response informs rational combination regimens. Science Signaling, 2019, 12, . | 1.6 | 4 |
| 17 | Leveraging Mathematical Modeling to Quantify Pharmacokinetic and Pharmacodynamic Pathways: Equivalent Dose Metric. Frontiers in Physiology, 2019, 10, 616. | 1.3 | 7 |
| 18 | Systems-level network modeling of Small Cell Lung Cancer subtypes identifies master regulators and destabilizers. PLoS Computational Biology, 2019, 15, e1007343. | 1.5 | 77 |

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| 19 | Quantifying Drug Combination Synergy along Potency and Efficacy Axes. Cell Systems, 2019, 8, 97-108.e16. | 2.9 | 142 |
| 20 | Molecular subtypes of small cell lung cancer: a synthesis of human and mouse model data. Nature Reviews Cancer, 2019, 19, 289-297. | 12.8 | 692 |
| 21 | Metabolic plasticity meets gene regulation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3370-3372. | 3.3 | 22 |
| 22 | Ventricular-Subventricular Zone Contact by Glioblastoma is Not Associated with Molecular Signatures in Bulk Tumor Data. Scientific Reports, 2019, 9, 1842. | 1.6 | 25 |
| 23 | Variable Cell Line Pharmacokinetics Contribute to Non-Linear Treatment Response in Heterogeneous Cell Populations. Annals of Biomedical Engineering, 2018, 46, 899-911. | 1.3 | 5 |
| 24 | Precision Medicine with Imprecise Therapy: Computational Modeling for Chemotherapy in Breast Cancer. Translational Oncology, 2018, 11, 732-742. | 1.7 | 32 |
| 25 | Biophysical Modeling of InÂVivo Glioma Response After Whole-Brain Radiation Therapy in a Murine Model of Brain Cancer. International Journal of Radiation Oncology Biology Physics, 2018, 100, 1270-1279. | 0.4 | 29 |
| 26 | A Nonquiescent â€œldlingâ€•Population State in Drug-Treated, BRAF-Mutated Melanoma. Biophysical Journal, 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. PLoS ONE, 2018, 13, e0192087. | 1.1 | 5 |
| 28 | Integrin alpha6 maintains the structural integrity of the kidney collecting system. Matrix Biology, 2017, 57-58, 244-257. | 1.5 | 24 |
| 29 | Dependence On Glycolysis Sensitizes BRAF-mutated Melanomas For Increased Response To Targeted BRAF Inhibition. Scientific Reports, 2017, 7, 42604. | 1.6 | 41 |
| 30 | A mechanically coupled reactionâ€“diffusion model that incorporates intra-tumoural heterogeneity to predict in vivo glioma growth. Journal of the Royal Society Interface, 2017, 14, 20161010. | 1.5 | 66 |
| 31 | Mathematical models of cell phenotype regulation and reprogramming: Make cancer cells sensitive again!. Biochimica Et Biophysica Acta: Reviews on Cancer, 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. Cancer Research, 2017, 77, 1063-1074. | 0.4 | 81 |
| 33 | A Predictive Mathematical Modeling Approach for the Study of Doxorubicin Treatment in Triple Negative Breast Cancer. Scientific Reports, 2017, 7, 5725. | 1.6 | 37 |
| 34 | Altered TGFâ€Î±/Î² signaling drives cooperation between breast cancer cell populations. FASEB Journal, 2016, 30, 3441-3452. | 0.2 | 11 |
| 35 | An unbiased metric of antiproliferative drug effect in vitro. Nature Methods, 2016, 13, 497-500. | 9.0 | 92 |
| 36 | Automated Analysis of Cell-Matrix Adhesions in 2D and 3D Environments. Scientific Reports, 2015, 5, 8124. | 1.6 | 14 |

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| 37 | Integrin Î±3Î²1 regulates kidney collecting duct development via TRAF6-dependent K63-linked polyubiquitination of Akt. Molecular Biology of the Cell, 2015, 26, 1857-1874. | 0.9 | 27 |
| 38 | Predictingin vivoglioma growth with the reaction diffusion equation constrained by quantitative magnetic resonance imaging data. Physical Biology, 2015, 12, 046006. | 0.8 | 42 |
| 39 | Toward a Science of Tumor Forecasting for Clinical Oncology. Cancer Research, 2015, 75, 918-923. | 0.4 | 74 |
| 40 | Quantifying heterogeneity and dynamics of clonal fitness in response to perturbation. Journal of Cellular Physiology, 2015, 230, 1403-1412. | 2.0 | 23 |
| 41 | Quantitative Approaches to Heterogeneity and Growth Variability in Cell Populations. Springer Proceedings in Mathematics and Statistics, 2014, , 15-27. | 0.1 | 0 |
| 42 | Derivation and experimental comparison of cell-division probability densities. Journal of Theoretical Biology, 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. BMC Systems Biology, 2013, 7, S1. | 3.0 | 83 |
| 44 | What Lies Beneath: Looking Beyond Tumor Genetics Shows the Complexity of Signaling Networks Underlying Drug Sensitivity. Science Signaling, 2013, 6, pe32. | 1.6 | 8 |
| 45 | Beyond genetics in personalized cancer treatment: assessing dynamics and heterogeneity of tumor responses. Personalized Medicine, 2013, 10, 221-225. | 0.8 | 5 |
| 46 | Clinically Relevant Modeling of Tumor Growth and Treatment Response. Science Translational Medicine, 2013, 5, 187ps9. | 5.8 | 145 |
| 47 | Network Analysis of the Focal Adhesion to Invadopodia Transition Identifies a PI3K-PKCÎ± Invasive Signaling Axis. Science Signaling, 2012, 5, ra66. | 1.6 | 69 |
| 48 | Computational investigation of intrinsic and extrinsic mechanisms underlying the formation of carcinoma. Mathematical Medicine and Biology, 2012, 29, 67-84. | 0.8 | 15 |
| 49 | CellAnimation: an open source MATLAB framework for microscopy assays. Bioinformatics, 2012, 28, 138-139. | 1.8 | 18 |
| 50 | Establishment and Validation of Computational Model for MT1-MMP Dependent ECM Degradation and Intervention Strategies. PLoS Computational Biology, 2012, 8, e1002479. | 1.5 | 66 |
| 51 | Thrombospondin-1 acts as a ligand for CD148 tyrosine phosphatase. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1985-1990. | 3.3 | 48 |
| 52 | The contribution of age structure to cell population responses to targeted therapeutics. Journal of Theoretical Biology, 2012, 311, 19-27. | 0.8 | 48 |
| 53 | Fractional proliferation: a method to deconvolve cell population dynamics from single-cell data. Nature Methods, 2012, 9, 923-928. | 9.0 | 104 |
| 54 | Development of High-Throughput Quantitative Assays for Glucose Uptake in Cancer Cell Lines. Molecular Imaging and Biology, 2011, 13, 840-852. | 1.3 | 27 |

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| 55 | Laminin€332 cleavage by matriptase alters motility parameters of prostate cancer cells. Prostate, 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. Magnetic Resonance in Medicine, 2011, 65, 920-926. | 1.9 | 32 |
| 57 | Laminin€332â€“Î²1 integrin interactions negatively regulate invadopodia. Journal of Cellular Physiology, 2010, 223, 134-142. | 2.0 | 26 |
| 58 | MT1-MMP-mediated basement membrane remodeling modulates renal development. Experimental Cell Research, 2010, 316, 2993-3005. | 1.2 | 24 |
| 59 | Epitope mapping of functionâ€blocking monoclonal antibody CM6 suggests a â€œweakâ€•integrin binding site on the laminin€332 LG2 domain. Journal of Cellular Physiology, 2010, 223, 541-548. | 2.0 | 6 |
| 60 | The role of a recombinant fragment of laminin-332 in integrin Î±3Î²1-dependent cell binding, spreading and migration. Biomaterials, 2010, 31, 5110-5121. | 5.7 | 11 |
| 61 | DNA copy number aberrations in small-cell lung cancer reveal activation of the focal adhesion pathway. Oncogene, 2010, 29, 6331-6342. | 2.6 | 41 |
| 62 | Not all noise is waste. Nature Methods, 2010, 7, 269-272. | 9.0 | 9 |
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| 64 | Linking Changes in Epithelial Morphogenesis to Cancer Mutations Using Computational Modeling. PLoS Computational Biology, 2010, 6, e1000900. | 1.5 | 38 |
| 65 | An Off-Lattice Hybrid Discrete-Continuum Model of Tumor Growth and Invasion. Biophysical Journal, 2010, 98, 37-47. | 0.2 | 79 |
| 66 | Bimodal Analysis Reveals a General Scaling Law Governing Nondirected and Chemotactic Cell Motility. Biophysical Journal, 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. PLoS ONE, 2010, 5, e9636. | 1.1 | 37 |
| 69 | Cadherin-Bound Î²-Catenin Feeds into the Wnt Pathway upon Adherens Junctions Dissociation: Evidence for an Intersection between Î²-Catenin Pools. PLoS ONE, 2009, 4, e4580. | 1.1 | 154 |
| 70 | Microenvironmental Independence Associated with Tumor Progression. Cancer Research, 2009, 69, 8797-8806. | 0.4 | 60 |
| 71 | A Decreased Ratio of Laminin-332 Î²3 to Î³2 Subunit mRNA is Associated with Poor Prognosis in Colon Cancer. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 1584-1590. | 1.1 | 16 |
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| 73 | Microenvironment driven invasion: a multiscale multimodel investigation. Journal of Mathematical Biology, 2009, 58, 579-624. | 0.8 | 92 |
| 74 | Trait Variability of Cancer Cells Quantified by High-Content Automated Microscopy of Single Cells. Methods in Enzymology, 2009, 467, 23-57. | 0.4 | 24 |
| 75 | Defining the role of laminin-332 in carcinoma. Matrix Biology, 2009, 28, 445-455. | 1.5 | 81 |
| 76 | Transforming Growth Factor Î² Induces Clustering of HER2 and Integrins by Activating Src-Focal Adhesion Kinase and Receptor Association to the Cytoskeleton. Cancer Research, 2009, 69, 475-482. | 0.4 | 126 |
| 77 | A spatial model of tumor-host interaction: Application of chemotherapy. Mathematical Biosciences and Engineering, 2009, 6, 521-546. | 1.0 | 79 |
| 78 | Integrative mathematical oncology. Nature Reviews Cancer, 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. Experimental Cell Research, 2008, 314, 763-773. | 1.2 | 27 |
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| 82 | Model-controlled hydrodynamic focusing to generate multiple overlapping gradients of surface-immobilized proteins in microfluidic devices. Lab on A Chip, 2008, 8, 238-244. | 3.1 | 25 |
| 83 | Migration of isogenic cell lines quantified by dynamic multivariate analysis of single-cell motility. Cell Adhesion and Migration, 2008, 2, 127-136. | 1.1 | 9 |
| 84 | Laminin-332 Is a Substrate for Hepsin, a Protease Associated with Prostate Cancer Progression. Journal of Biological Chemistry, 2008, 283, 30576-30584. | 1.6 | 83 |
| 85 | Modeling of Effects of Nutrient Gradients on Cell Proliferation in Microfluidic Bioreactor. Biotechnology Progress, 2007, 23, 1347-1354. | 1.3 | 6 |
| 86 | Biological Scales. FASEB Journal, 2007, 21, A97. | 0.2 | 0 |
| 87 | Binding of Integrins to Laminins. FASEB Journal, 2007, 21, A152. | 0.2 | 0 |
| 88 | Tumor Morphology and Phenotypic Evolution Driven by Selective Pressure from the Microenvironment. Cell, 2006, 127, 905-915. | 13.5 | 714 |
| 89 | Dispersal of epithelial cancer cell colonies by lysophosphatidic acid (LPA). Journal of Cellular Physiology, 2006, 206, 337-346. | 2.0 | 21 |
| 90 | Integrin Î±6Î²4-erbB2 Complex Inhibits Haptotaxis by Up-regulating E-cadherin Cell-Cell Junctions in Keratinocytes. Journal of Biological Chemistry, 2005, 280, 8004-8015. | 1.6 | 36 |

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| 91 | Membrane-type Matrix Metalloproteinase-1 (MT1-MMP) Is a Processing Enzyme for Human Laminin Î³2 Chain. Journal of Biological Chemistry, 2005, 280, 88-93. | 1.6 | 116 |
| 92 | A simplified laminin nomenclature. Matrix Biology, 2005, 24, 326-332. | 1.5 | 760 |
| 93 | Mathematical modeling of cancer: The future of prognosis and treatment. Clinica Chimica Acta, 2005, 357, 173-179. | 0.5 | 96 |
| 94 | Proteolytic processing of laminâ€5 by MT1â€MMP in tissues and its effects on epithelial cell morphology. FASEB Journal, 2004, 18, 1-22. | 0.2 | 70 |
| 95 | Tumor cell Î±3Î²1 integrin and vascular laminin-5 mediate pulmonary arrest and metastasis. Journal of Cell Biology, 2004, 164, 935-941. | 2.3 | 185 |
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| 98 | Tales from the crypt[ic] sites of the extracellular matrix. Trends in Cell Biology, 2003, 13, 366-375. | 3.6 | 181 |
| 99 | De novo identification of tumor-specific internalizing human antibodyâ€“receptor pairs by phage-display methods. Journal of Immunological Methods, 2003, 274, 185-197. | 0.6 | 39 |
| 100 | Remodeling of the Microenvironment by Aggressive Melanoma Tumor Cells. Annals of the New York Academy of Sciences, 2003, 995, 151-161. | 1.8 | 102 |
| 101 | Matrix metalloproteinases process the laminin-5 Î³2-chain and regulate epithelial cell migration. Biochemical and Biophysical Research Communications, 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. Journal of Cell Biology, 2003, 161, 197-209. | 2.3 | 277 |
| 103 | Cancer Invasion: Watch Your Neighbourhood!. Tumori, 2003, 89, 343-348. | 0.6 | 28 |
| 104 | Cancer invasion: watch your neighbourhood!. Tumori, 2003, 89, 343-8. | 0.6 | 12 |
| 105 | Discrete Proteolysis of Focal Contact and Adherens Junction Components in Porphyromonas gingivalis- Infected Oral Keratinocytes: a Strategy for Cell Adhesion and Migration Disabling. Infection and Immunity, 2002, 70, 5846-5856. | 1.0 | 72 |
| 106 | Motility cues in the tumor microenvironment. Differentiation, 2002, 70, 590-598. | 1.0 | 32 |
| 107 | Localization and possible role of two different alpha v beta 3 integrin conformations in resting and resorbing osteoclasts. Journal of Cell Science, 2002, 115, 2919-2929. | 1.2 | 63 |
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| 109 | Localization and possible role of two different alpha v beta 3 integrin conformations in resting and resorbing osteoclasts. Journal of Cell Science, 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. Developmental Biology, 2001, 238, 289-302. | 0.9 | 79 |
| 111 | Human Hepatocellular Carcinoma (HCC) Cells Require Both Î±3Î²1 Integrin and Matrix Metalloproteinases Activity for Migration and Invasion. Laboratory Investigation, 2001, 81, 613-627. | 1.7 | 134 |
| 112 | Inhibitory Role of Î±6Î²4-Associated Erbb-2 and Phosphoinositide 3-Kinase in Keratinocyte Haptotactic Migration Dependent on Î±3Î²1 Integrin. Journal of Cell Biology, 2001, 153, 465-478. | 2.3 | 105 |
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| 114 | Characterization of Morphological and Cytoskeletal Changes in MCF10A Breast Epithelial Cells Plated on Laminin-5: Comparison with Breast Cancer Cell Line MCF7. Cell Communication and Adhesion, 2001, 8, 29-44. | 1.0 | 12 |
| 115 | Cell Migration through Extracellular Matrix. Journal of Cell Biology, 2000, 149, 1167-1170. | 2.3 | 66 |
| 116 | Role of Cell Surface Metalloprotease Mt1-Mmp in Epithelial Cell Migration over Laminin-5. Journal of Cell Biology, 2000, 148, 615-624. | 2.3 | 596 |
| 117 | Expression and Function of Î±vÎ²3 and Î±vÎ²5 Integrins in the Developing Pancreas. Journal of Cell Biology, 2000, 150, 1445-1460. | 2.3 | 147 |
| 118 | Antibody-Induced Activation of Î²1 Integrin Receptors Stimulates cAMP-Dependent Migration of Breast Cells on Laminin-5. Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications, 2000, 4, 129-135. | 1.7 | 15 |
| 119 | Laminin 5 in the Human Thymus: Control of T Cell Proliferation via Î±6Î²4 Integrins. Journal of Cell Biology, 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. Journal of Periodontal Research, 1999, 34, 16-24. | 1.4 | 27 |
| 121 | Molecular cloning and characterization of CD4 in an aquatic mammal, the white whale Delphinapterus leucas. Immunogenetics, 1999, 49, 376-383. | 1.2 | 41 |
| 122 | Expression of Matrix Metalloprotease-2-Cleaved Laminin-5 in Breast Remodeling Stimulated by Sex Steroids. American Journal of Pathology, 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. Breast Cancer Research and Treatment, 1998, 51, 57-69. | 1.1 | 66 |
| 124 | Mode of Adsorption and Orientation of an Extracellular Matrix Protein Affect Its Cell-Adhesion-Promoting Activity. Analytical Biochemistry, 1998, 265, 1-7. | 1.1 | 9 |
| 125 | Activation of Î±vÎ²3Integrin on Human Osteoclast-like Cells Stimulates Adhesion and Migration in Response to Osteopontin. Biochemical and Biophysical Research Communications, 1998, 249, 522-525. | 1.0 | 57 |
| 126 | Characterization of a Tight Molecular Complex between Integrin Î±6Î²4 and Laminin-5 Extracellular Matrix. Biochemical and Biophysical Research Communications, 1998, 251, 49-55. | 1.0 | 28 |

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| 129 | Coating of titanium alloy with soluble laminin-5 promotes cell attachment and hemidesmosome assembly in gingival epithelial cells: potential application to dental implants. Journal of Periodontal Research, 1997, 32, 287-294. | 1.4 | 71 |
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| 131 | Alphav integrins mediate adhesion and migration of breast carcinoma cell lines. Clinical and Experimental Metastasis, 1997, 16, 50-61. | 1.7 | 108 |
| 132 | Rapid Disruption of an Astrocyte Interaction With the Extracellular Matrix Mediated by Integrin Î±<sub>6</sub>Î²<sub>4</sub>During Focal Cerebral Ischemia/Reperfusion. Stroke, 1997, 28, 858-865. | 1.0 | 147 |
| 133 | Morphogenetic Effects of Soluble Laminin-5 on Cultured Epithelial Cells and Tissue Explants. Experimental Cell Research, 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. Biochemical and Biophysical Research Communications, 1996, 221, 51-58. | 1.0 | 3 |
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| 137 | Rapid Spreading and Mature Hemidesmosome Formation in HaCaT Keratinocytes Induced by Incubation with Soluble Laminin-5r. Journal of Investigative Dermatology, 1995, 105, 557-561. | 0.3 | 66 |
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| 142 | Psoriatic lesions in patients with chronic liver disease are distinct from psoriasis vulgaris lesions, as judged on basis of integrin adhesion receptors. Hepatology, 1994, 20, 56-65. | 3.6 | 11 |
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| 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 |
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