

# C Michael Dipersio

## List of Publications by Year in descending order

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36  
papers

2,329  
citations

361413

20  
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361022

35  
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89  
all docs

89  
docs citations

89  
times ranked

2888  
citing authors

#	ARTICLE	IF	CITATIONS
1	$\alpha 3 \beta 1$ integrin promotes keratinocyte cell survival through activation of a MEK/ERK signaling pathway. Journal of Cell Science, 2004, 117, 4043-4054.	2.0	422
2	$\alpha 3 \beta 1$ Integrin Is Required for Normal Development of the Epidermal Basement Membrane. Journal of Cell Biology, 1997, 137, 729-742.	5.2	385
3	Novel Roles for $\alpha 3 \beta 1$ 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
4	An FAK-YAP-mTOR Signaling Axis Regulates Stem Cell-Based Tissue Renewal in Mice. Cell Stem Cell, 2017, 21, 91-106.e6.	11.1	176
5	Integrin $\alpha 3 \beta 1$ directs the stabilization of a polarized lamellipodium in epithelial cells through activation of Rac1. Journal of Cell Science, 2004, 117, 3947-3959.	2.0	115
6	$\alpha 3 \beta 1$ integrin regulates MMP-9 mRNA stability in immortalized keratinocytes: a novel mechanism of integrin-mediated MMP gene expression. Journal of Cell Science, 2005, 118, 1185-1195.	2.0	106
7	Integrin $\alpha 3 \beta 1$ -Dependent Activation of FAK/Src Regulates Rac1-Mediated Keratinocyte Polarization on Laminin-5. Journal of Investigative Dermatology, 2007, 127, 31-40.	0.7	85
8	$\alpha 3 \beta 1$ integrin in epidermis promotes wound angiogenesis and keratinocyte-to-endothelial-cell crosstalk through the induction of MRP3. Journal of Cell Science, 2009, 122, 1778-1787.	2.0	80
9	$\alpha 3 \beta 1$ integrin-controlled Smad7 regulates reepithelialization during wound healing in mice. Journal of Clinical Investigation, 2008, 118, 965-74.	8.2	80
10	Suppression of Integrin $\alpha 3 \beta 1$ in Breast Cancer Cells Reduces <i>Cyclooxygenase-2</i> Gene Expression and Inhibits Tumorigenesis, Invasion, and Cross-Talk to Endothelial Cells. Cancer Research, 2010, 70, 6359-6367.	0.9	75
11	Integrin-mediated regulation of epidermal wound functions. Cell and Tissue Research, 2016, 365, 467-482.	2.9	59
12	Integrin $\alpha 3 \beta 1$ as a breast cancer target. Expert Opinion on Therapeutic Targets, 2011, 15, 1197-1210.	3.4	55
13	Integrin Regulation of Epidermal Functions in Wounds. Advances in Wound Care, 2014, 3, 229-246.	5.1	55
14	Endothelial $\alpha 3 \beta 1$ -Integrin Represses Pathological Angiogenesis and Sustains Endothelial-VEGF. American Journal of Pathology, 2010, 177, 1534-1548.	3.8	54
15	An Immortalization-Dependent Switch in Integrin Function Up-regulates MMP-9 to Enhance Tumor Cell Invasion. Cancer Research, 2008, 68, 7371-7379.	0.9	43
16	Beyond adhesion: Emerging roles for integrins in control of the tumor microenvironment. F1000Research, 2017, 6, 1612.	1.6	43
17	Reduced Fibulin-2 Contributes to Loss of Basement Membrane Integrity and Skin Blistering in Mice Lacking Integrin $\alpha 3 \beta 1$ in the Epidermis. Journal of Investigative Dermatology, 2014, 134, 1609-1617.	0.7	41
18	Integrin $\alpha 3 \beta 1$ Potentiates TGF $\beta$ -Mediated Induction of MMP-9 in Immortalized Keratinocytes. Journal of Investigative Dermatology, 2008, 128, 575-586.	0.7	36

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19	Suppression of integrin $\alpha 3 \beta 1$ by $\alpha 9 \beta 1$ in the epidermis controls the paracrine resolution of wound angiogenesis. <i>Journal of Cell Biology</i> , 2017, 216, 1473-1488.	5.2	26
20	Regulation of Fibulin-2 Gene Expression by Integrin $\alpha 3 \beta 1$ Contributes to the Invasive Phenotype of Transformed Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2418-2427.	0.7	21
21	Integrin $\alpha 3 \beta 1$ Signaling through MEK/ERK Determines Alternative Polyadenylation of the MMP-9 mRNA Transcript in Immortalized Mouse Keratinocytes. <i>PLoS ONE</i> , 2015, 10, e0119539.	2.5	20
22	Integrin Regulation of CAF Differentiation and Function. <i>Cancers</i> , 2019, 11, 715.	3.7	20
23	Keratinocyte Integrin $\alpha 3 \beta 1$ Promotes Secretion of IL-1 $\beta$ to Effect Paracrine Regulation of Fibroblast Gene Expression and Differentiation. <i>Journal of Investigative Dermatology</i> , 2019, 139, 2029-2038.e3.	0.7	18
24	Double Duty for Rac1 in Epidermal Wound Healing. <i>Science's STKE: Signal Transduction Knowledge Environment</i> , 2007, 2007, pe33.	3.9	15
25	Integrin $\alpha 3 \beta 1$ controls mRNA splicing that determines cyclooxygenase-2 (Cox-2) mRNA stability in breast cancer cells. <i>Journal of Cell Science</i> , 2014, 127, 1179-89.	2.0	15
26	Integrin $\alpha 3 \beta 1$ Represses Reelin Expression in Breast Cancer Cells to Promote Invasion. <i>Cancers</i> , 2021, 13, 344.	3.7	14
27	Opposing Roles of Epidermal Integrins $\alpha 3 \beta 1$ and $\alpha 9 \beta 1$ in Regulation of mTLD/BMP-1 $\alpha$ -Mediated Laminin- $\beta 2$ Processing during Wound Healing. <i>Journal of Investigative Dermatology</i> , 2018, 138, 444-451.	0.7	13
28	Integrin $\alpha 3 \beta 1$ Promotes Invasive and Metastatic Properties of Breast Cancer Cells through Induction of the Brn-2 Transcription Factor. <i>Cancers</i> , 2021, 13, 480.	3.7	13
29	Expression of integrin $\alpha 3 \beta 1$ and cyclooxygenase-2 (COX2) are positively correlated in human breast cancer. <i>BMC Cancer</i> , 2014, 14, 459.	2.6	12
30	Integrin $\alpha 4 \beta 1$ is required for $\alpha 1 \beta 1$ and Nrf2 $\alpha$ -dependent, Cox $\alpha 2$ induction in fibroblasts, supporting a mechanism that suppresses $\alpha \beta$ SMA expression. <i>Wound Repair and Regeneration</i> , 2021, 29, 597-601.	3.0	8
31	Integrin $\alpha 3 \beta 1$ on Tumor Keratinocytes Is Essential to Maintain Tumor Growth and Promotes a Tumor-Supportive Keratinocyte Secretome. <i>Journal of Investigative Dermatology</i> , 2021, 141, 142-151.e6.	0.7	7
32	Establishment of a Murine Pro-acinar Cell Line to Characterize Roles for FGF2 and $\alpha 3 \beta 1$ Integrins in Regulating Pro-acinar Characteristics. <i>Scientific Reports</i> , 2019, 9, 10984.	3.3	6
33	Epidermal Integrin $\alpha 3 \beta 1$ Regulates Tumor-Derived Proteases BMP-1, Matrix Metalloprotease-9, and Matrix Metalloprotease-3. <i>JID Innovations</i> , 2021, 1, 100017.	2.4	3
34	Comparative use of CRISPR and RNAi to modulate integrin $\alpha 3 \beta 1$ in triple negative breast cancer cells reveals that some pro-invasive/pro-metastatic $\alpha 3 \beta 1$ functions are independent of global regulation of the transcriptome. <i>PLoS ONE</i> , 2021, 16, e0254714.	2.5	2
35	Crosstalk Between Cell $\alpha$ Cell and Cell $\alpha$ Matrix Adhesion. , 0, , 271-294.		1
36	Loss of Integrin $\alpha 9 \beta 1$ on Tumor Keratinocytes Enhances the Stromal Vasculature and Growth of Cutaneous Tumors. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1966-1975.e8.	0.7	1