

# James Varani

## List of Publications by Year in descending order

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188  
papers

14,598  
citations

30070  
54  
h-index

20358  
116  
g-index

195  
all docs

195  
docs citations

195  
times ranked

10741  
citing authors

#	ARTICLE	IF	CITATIONS
1	Liver Protein Expression in NASH Mice on a High-Fat Diet: Response to Multi-Mineral Intervention. <i>Frontiers in Nutrition</i> , 2022, 9, .	3.7	4
2	A Multi-Mineral Intervention to Modulate Colonic Mucosal Protein Profile: Results from a 90-Day Trial in Human Subjects. <i>Nutrients</i> , 2021, 13, 939.	4.1	10
3	Organoid culture to study epithelial cell differentiation and barrier formation in the colon: bridging the gap between monolayer cell culture and human subject research. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2021, 57, 174-190.	1.5	5
4	Ulcerative Colitis-Derived Colonoid Culture: A Multi-Mineral-Approach to Improve Barrier Protein Expression. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 577221.	3.7	16
5	Differentiation of human colon tissue in culture: Effects of calcium on trans-epithelial electrical resistance and tissue cohesive properties. <i>PLoS ONE</i> , 2020, 15, e0222058.	2.5	31
6	A Calcium-Rich Multimineral Intervention to Modulate Colonic Microbial Communities and Metabolomic Profiles in Humans: Results from a 90-Day Trial. <i>Cancer Prevention Research</i> , 2020, 13, 101-116.	1.5	27
7	Atrophic and hypertrophic photoaging: Clinical, histologic, and molecular features of 2 distinct phenotypes of photoaged skin. <i>Journal of the American Academy of Dermatology</i> , 2019, 81, 480-488.	1.2	34
8	Calcium-induced differentiation in normal human colonoid cultures: Cell-cell / cell-matrix adhesion, barrier formation and tissue integrity. <i>PLoS ONE</i> , 2019, 14, e0215122.	2.5	38
9	<p><p>Pro-inflammatory agents released by pathogens, dying host cells, and neutrophils act synergistically to destroy host tissues: a working hypothesis</p></p>. <i>Journal of Inflammation Research</i> , 2019, Volume 12, 35-47.	3.5	13
10	Identification, isolation, and characterization of human LGR5-positive colon adenoma cells. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	70
11	Calcium-Induced Differentiation of Human Colon Adenomas in Colonoid Culture: Calcium Alone versus Calcium with Additional Trace Elements. <i>Cancer Prevention Research</i> , 2018, 11, 413-428.	1.5	28
12	Neuronal Protein 3.1 Deficiency Leads to Reduced Cutaneous Scar Collagen Deposition and Tensile Strength due to Impaired Transforming Growth Factor- $\beta$ 1 to - $\beta$ 23 Translation. <i>American Journal of Pathology</i> , 2017, 187, 292-303.	3.8	26
13	Calcium Reduces Liver Injury in Mice on a High-Fat Diet: Alterations in Microbial and Bile Acid Profiles. <i>PLoS ONE</i> , 2016, 11, e0166178.	2.5	35
14	Nuclear histones: major virulence factors or just additional early sepsis markers? A comment. <i>Inflammopharmacology</i> , 2016, 24, 287-289.	3.9	8
15	Iron Uptake via DMT1 Integrates Cell Cycle with JAK-STAT3 Signaling to Promote Colorectal Tumorigenesis. <i>Cell Metabolism</i> , 2016, 24, 447-461.	16.2	168
16	Bone structure and function in male C57BL/6 mice: Effects of a high-fat Western-style diet with or without trace minerals. <i>Bone Reports</i> , 2016, 5, 141-149.	0.4	17
17	MDI 301 suppresses myeloid leukemia cell growth in vitro and in vivo without the toxicity associated with all-trans retinoic acid therapy. <i>Anti-Cancer Drugs</i> , 2015, 26, 763-773.	1.4	1
18	Induction of calcium sensing receptor in human colon cancer cells by calcium, vitamin D and aquamin: Promotion of a more differentiated, less malignant and indolent phenotype. <i>Molecular Carcinogenesis</i> , 2015, 54, 543-553.	2.7	30

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19	Clinical, Histologic, and Molecular Analysis of Differences Between Erythematotelangiectatic Rosacea and Telangiectatic Photoaging. JAMA Dermatology, 2015, 151, 825.	4.1	69
20	Balanced regulation of the CCN family of matricellular proteins: a novel approach to the prevention and treatment of fibrosis and cancer. Journal of Cell Communication and Signaling, 2015, 9, 327-339.	3.4	38
21	Erlotinib-Induced Skin Inflammation Is IL-1 Mediated in KC-Tie2 Mice and Human Skin Organ Culture. Journal of Investigative Dermatology, 2015, 135, 910-913.	0.7	16
22	Tumor-selective proteotoxicity of verteporfin inhibits colon cancer progression independently of YAP1. Science Signaling, 2015, 8, ra98.	3.6	152
23	Ulcerative Dermatitis in C57BL/6NCrl Mice on a Low-Fat or High-Fat Diet With or Without a Mineralized Red-Algae Supplement. Journal of the American Association for Laboratory Animal Science, 2015, 54, 487-96.	1.2	9
24	Human colonic crypts in culture: segregation of immunochemical markers in normal versus adenoma-derived. Laboratory Investigation, 2014, 94, 222-234.	3.7	44
25	Role of Calcium sensing receptor (CaSR) in tumorigenesis. Best Practice and Research in Clinical Endocrinology and Metabolism, 2013, 27, 455-463.	4.7	42
26	Preservation of Bone Structure and Function by Lithothamnion sp. Derived Minerals. Biological Trace Element Research, 2013, 156, 210-220.	3.5	14
27	Human skin organ culture for assessment of chemically induced skin damage. Expert Review of Dermatology, 2012, 7, 295-303.	0.3	2
28	A Multimineral Natural Product from Red Marine Algae Reduces Colon Polyp Formation in C57BL/6 Mice. Nutrition and Cancer, 2012, 64, 1020-1028.	2.0	42
29	Growth Control in Colon Epithelial Cells: Gadolinium Enhances Calcium-Mediated Growth Regulation. Biological Trace Element Research, 2012, 150, 467-476.	3.5	14
30	Human Colon Tissue in Organ Culture. , 2012, , 69-80.		2
31	A Multi-Mineral Natural Product Inhibits Liver Tumor Formation in C57BL/6 Mice. Biological Trace Element Research, 2012, 147, 267-274.	3.5	21
32	Gadolinium-induced fibrosis is counter-regulated by CCN3 in human dermal fibroblasts: a model for potential treatment of nephrogenic systemic fibrosis. Journal of Cell Communication and Signaling, 2012, 6, 97-105.	3.4	10
33	Stimulation of Fibroblast Proliferation by Insoluble Gadolinium Salts. Biological Trace Element Research, 2012, 145, 257-267.	3.5	40
34	Progression of ulcerative dermatitis lesions in C57BL/6Crl mice and the development of a scoring system for dermatitis lesions. Journal of the American Association for Laboratory Animal Science, 2012, 51, 586-93.	1.2	29
35	Effects of a synthetic retinoid on skin structure, matrix metalloproteinases, and procollagen in healthy and high-risk subjects with diabetes. Journal of Diabetes and Its Complications, 2011, 25, 398-404.	2.3	16
36	Fibroblast Response to Lanthanoid Metal Ion Stimulation: Potential Contribution to Fibrotic Tissue Injury. Biological Trace Element Research, 2011, 144, 621-635.	3.5	48

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37	Human colon tissue in organ culture: calcium and multi-mineral-induced mucosal differentiation. In <i>Vitro Cellular and Developmental Biology - Animal</i> , 2011, 47, 32-38.	1.5	16
38	Calcium, calcium-sensing receptor and growth control in the colonic mucosa. <i>Histology and Histopathology</i> , 2011, 26, 769-79.	0.7	5
39	Collagenolytic Activity Is Suppressed in Organ-Cultured Human Skin Exposed to a Gadolinium-Based MRI Contrast Agent. <i>Investigative Radiology</i> , 2010, 45, 42-48.	6.2	19
40	Responses of Human Skin in Organ Culture and Human Skin Fibroblasts to a Gadolinium-Based MRI Contrast Agent. <i>Investigative Radiology</i> , 2010, 45, 733-739.	6.2	22
41	A Mineral-Rich Extract from the Red Marine Algae <i>Lithothamnion calcareum</i> Preserves Bone Structure and Function in Female Mice on a Western-Style Diet. <i>Calcified Tissue International</i> , 2010, 86, 313-324.	3.1	71
42	A multi-component herbal preparation (PADMA 28) improves structure/function of corticosteroid-treated skin, leading to improved wound healing of subsequently induced abrasion wounds in rats. <i>Archives of Dermatological Research</i> , 2010, 302, 669-677.	1.9	6
43	Human colon tissue in organ culture: preservation of normal and neoplastic characteristics. In <i>Vitro Cellular and Developmental Biology - Animal</i> , 2010, 46, 114-122.	1.5	28
44	A Mineral-Rich Red Algae Extract Inhibits Polyp Formation and Inflammation in the Gastrointestinal Tract of Mice on a High-Fat Diet. <i>Integrative Cancer Therapies</i> , 2010, 9, 93-99.	2.0	76
45	IL-1RL2 and Its Ligands Contribute to the Cytokine Network in Psoriasis. <i>Journal of Immunology</i> , 2010, 185, 4354-4362.	0.8	146
46	Fibroblast aging: intrinsic and extrinsic factors. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2010, 7, 65-70.	0.5	14
47	Fibroblast Response to Gadolinium. <i>Investigative Radiology</i> , 2010, 45, 769-777.	6.2	37
48	Calcium and calcium sensing receptor modulates the expression of thymidylate synthase, NAD(P)H:quinone oxidoreductase 1 and survivin in human colon carcinoma cells: Promotion of cytotoxic response to mitomycin C and fluorouracil. <i>Molecular Carcinogenesis</i> , 2009, 48, 202-211.	2.7	29
49	Impaired keratinocyte function on matrix metalloproteinase-1 (MMP-1) damaged collagen. <i>Archives of Dermatological Research</i> , 2009, 301, 497-506.	1.9	14
50	The Göttingen minipig for assessment of retinoid efficacy in the skin: comparison of results from topically treated animals with results from organ-cultured skin. In <i>Vitro Cellular and Developmental Biology - Animal</i> , 2009, 45, 551-557.	1.5	5
51	A combination of curcumin and ginger extract improves abrasion wound healing in corticosteroid-impaired hairless rat skin. <i>Wound Repair and Regeneration</i> , 2009, 17, 360-366.	3.0	70
52	Growth-inhibitory effects of a mineralized extract from the red marine algae, <i>Lithothamnion calcareum</i> , on Ca <sup>2+</sup> -sensitive and Ca <sup>2+</sup> -resistant human colon carcinoma cells. <i>Cancer Letters</i> , 2009, 283, 186-192.	7.2	37
53	Collagen Fragmentation Promotes Oxidative Stress and Elevates Matrix Metalloproteinase-1 in Fibroblasts in Aged Human Skin. <i>American Journal of Pathology</i> , 2009, 174, 101-114.	3.8	356
54	Regulation of Collagen Turnover in Human Skin Fibroblasts Exposed to a Gadolinium-Based Contrast Agent. <i>Investigative Radiology</i> , 2009, 44, 433-439.	6.2	34

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55	Dermal Connective Tissue as the Foundation for Healthy-Looking Skin. , 2009, , 269-286.		0
56	Effects of Gadolinium-Based Magnetic Resonance Imaging Contrast Agents on Human Skin in Organ Culture and Human Skin Fibroblasts. Investigative Radiology, 2009, 44, 74-81.	6.2	75
57	Skin damage in the aged: itâ€™s more than cosmetic. Expert Review of Dermatology, 2009, 4, 549-551.	0.3	1
58	Curcumin and Ginger Extract Improves Abrasion Wound Healing in Damaged Skin. FASEB Journal, 2009, 23, 469.3.	0.5	0
59	MMPâ€1 Reduced in Organ Cultured Human Skin and Dermal Fibroblasts by Ginger and Curcumin. FASEB Journal, 2009, 23, 469.4.	0.5	0
60	Establishment and characteristics of Gottingen minipig skin in organ culture and monolayer cell culture: relevance to drug safety testing. In Vitro Cellular and Developmental Biology - Animal, 2008, 44, 245-252.	1.5	20
61	Inhibition of retinoic acid-induced skin irritation in calorie-restricted mice. Archives of Dermatological Research, 2008, 300, 27-35.	1.9	11
62	MDI 301, a nonirritating retinoid, improves abrasion wound healing in damaged/atrophic skin. Wound Repair and Regeneration, 2008, 16, 117-124.	3.0	24
63	Mechanisms of neutrophil-mediated injury. Clinical and Experimental Immunology, 2008, 93, 2-2.	2.6	3
64	7-Chloro-5-(4-hydroxyphenyl)-1-methyl-3-(naphthalen-2-ylmethyl)-4,5-dihydro-1 <i>H</i> -benzo[b][1,4]diazepin-2(3 <i>H</i> )-one (Bz-423), a Benzodiazepine, Suppresses Keratinocyte Proliferation and Has Antipsoriatic Activity in the Human Skin-Severe, Combined Immunodeficient Mouse Transplant Model. Journal of Pharmacology and Experimental Therapeutics, 2008, 324, 938-947.	2.5	17
65	Looking Older. Archives of Dermatology, 2008, 144, 666-72.	1.4	397
66	Control of cell motility during tissue invasion. , 2008, , 11-19.		0
67	Antiâ€oxidant activity increased in human dermal fibroblasts and intact skin by Zingiber officinale CO 2 extract. FASEB Journal, 2008, 22, 897.11.	0.5	0
68	MDI 301, A nonâ€irritating retinoid, improves abrasion wound healing in both aged and diabetic skin. FASEB Journal, 2008, 22, 1121.3.	0.5	0
69	Determination of Rodent Tropoelastin in the Skin by Competitive ELISA. FASEB Journal, 2008, 22, 1121.4.	0.5	0
70	Human Skin in Organ Culture and Human Skin Cells (Keratinocytes and Fibroblasts) in Monolayer Culture for Assessment of Chemically Induced Skin Damage. Toxicologic Pathology, 2007, 35, 693-701.	1.8	41
71	Improvement of Naturally Aged Skin With Vitamin A (Retinol). Archives of Dermatology, 2007, 143, 606-12.	1.4	167
72	In Vivo Stimulation of De Novo Collagen Production Caused by Cross-linked Hyaluronic Acid Dermal Filler Injections in Photodamaged Human Skin. Archives of Dermatology, 2007, 143, 155-63.	1.4	382

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73	Control of normal and abnormal proliferation in the epidermis: EGF receptor function and epidermal hyperplasia. Expert Review of Dermatology, 2007, 2, 629-638.	0.3	0
74	Regulation of E-cadherin and $\beta$ -catenin by $Ca^{2+}$ in colon carcinoma is dependent on calcium-sensing receptor expression and function. International Journal of Cancer, 2007, 121, 1455-1462.	5.1	68
75	Matrix metalloproteinase-3 (stromelysin-1) in acute inflammatory tissue injury. Experimental and Molecular Pathology, 2007, 83, 169-176.	2.1	48
76	MDI 301, a non-irritating retinoid, induces changes in human skin that underlie repair. Archives of Dermatological Research, 2007, 298, 439-448.	1.9	19
77	Thiazolidinediones: potential as therapeutics for psoriasis and perhaps other hyperproliferative skin disease. Expert Opinion on Investigational Drugs, 2006, 15, 1453-1468.	4.1	15
78	Decreased Collagen Production in Chronologically Aged Skin. American Journal of Pathology, 2006, 168, 1861-1868.	3.8	640
79	Pomegranate as a cosmeceutical source: Pomegranate fractions promote proliferation and procollagen synthesis and inhibit matrix metalloproteinase-1 production in human skin cells. Journal of Ethnopharmacology, 2006, 103, 311-318.	4.1	164
80	Matrix metalloproteinases and matrix metalloproteinase inhibitors in acute lung injury. Human Pathology, 2006, 37, 422-430.	2.0	138
81	Retinoid-Induced Epidermal Hyperplasia Is Mediated by Epidermal Growth Factor Receptor Activation Via Specific Induction of its Ligands Heparin-Binding EGF and Amphiregulin in Human Skin In Vivo. Journal of Investigative Dermatology, 2006, 126, 732-739.	0.7	100
82	Matrix Metalloproteinase Expression in Normal Skin Associated With Basal Cell Carcinoma and in Distal Skin From the Same Patients. Archives of Facial Plastic Surgery, 2005, 7, 238-243.	0.7	31
83	PADMA 28: A Multi-Component Herbal Preparation with Retinoid-Like Dermal Activity but Without Epidermal Effects. Journal of Investigative Dermatology, 2005, 124, 524-529.	0.7	21
84	Matrix metalloproteinase expression in basal cell carcinoma: relationship between enzyme profile and collagen fragmentation pattern. Experimental and Molecular Pathology, 2005, 79, 151-160.	2.1	30
85	Pretreatment of diabetic rats with lipoic acid improves healing of subsequently-induced abrasion wounds. Archives of Dermatological Research, 2005, 297, 75-83.	1.9	22
86	A Novel Benzodiazepine Selectively Inhibits Keratinocyte Proliferation and Reduces Retinoid-Induced Epidermal Hyperplasia in Organ-Cultured Human Skin. Journal of Pharmacology and Experimental Therapeutics, 2005, 313, 56-63.	2.5	6
87	BP-1107 [{2-[4-(2,4-Dioxo-thiazolidin-5-ylmethyl)-phenoxy]-ethyl}-methyl-amide]: A Novel Synthetic Thiazolidinedione That Inhibits Epidermal Hyperplasia in Psoriatic Skin-Severe-Combined Immunodeficient Mouse Transplants after Topical Application. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 996-1004.	2.5	12
88	Topical Pretreatment of Diabetic Rats With All-trans Retinoic Acid Improves Healing of Subsequently Induced Abrasion Wounds. Diabetes, 2005, 54, 855-861.	0.6	41
89	Amphiregulin and Epidermal Hyperplasia. American Journal of Pathology, 2005, 166, 1009-1016.	3.8	49
90	Chapter 12 Endothelial cell injury and defense. Advances in Molecular and Cell Biology, 2005, , 335-364.	0.1	1

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91	Calcium sensing receptor in human colon carcinoma: interaction with Ca(2+) and 1,25-dihydroxyvitamin D(3). Cancer Research, 2005, 65, 493-8.	0.9	107
92	Epithelial cell invasion of the stroma in human skin organ culture. Frontiers in Bioscience - Landmark, 2004, 9, 2989.	3.0	4
93	Reduced Fibroblast Interaction with Intact Collagen as a Mechanism for Depressed Collagen Synthesis in Photodamaged Skin. Journal of Investigative Dermatology, 2004, 122, 1471-1479.	0.7	172
94	Matrix metalloproteinases in acute inflammation: induction of MMP-3 and MMP-9 in fibroblasts and epithelial cells following exposure to pro-inflammatory mediators in vitro. Experimental and Molecular Pathology, 2004, 76, 189-195.	2.1	91
95	Marasmius oreades lectin induces renal thrombotic microangiopathic lesions. Experimental and Molecular Pathology, 2004, 77, 77-84.	2.1	19
96	Retinoid-induced epidermal hyperplasia in human skin organ culture: inhibition with soy extract and soy isoflavones. Experimental and Molecular Pathology, 2004, 77, 176-183.	2.1	27
97	?-Lipoic acid-based PPAR? agonists for treating inflammatory skin diseases. Archives of Dermatological Research, 2004, 296, 97-104.	1.9	31
98	Rosiglitazone Inhibits Proliferation, Motility, and Matrix Metalloproteinase Production in Keratinocytes. Journal of Investigative Dermatology, 2004, 122, 130-139.	0.7	54
99	Role of Metalloelastase in a Model of Allergic Lung Responses Induced by Cockroach Allergen. American Journal of Pathology, 2004, 165, 1921-1930.	3.8	48
100	All-trans-Retinoic Acid Suppresses Matrix Metalloproteinase Activity and Increases Collagen Synthesis in Diabetic Human Skin in Organ Culture. American Journal of Pathology, 2004, 165, 167-174.	3.8	75
101	Separation of retinoid-induced epidermal and dermal thickening from skin irritation. Archives of Dermatological Research, 2003, 295, 255-262.	1.9	26
102	Vascular expression of matrix metalloproteinase-13 (collagenase-3) in basal cell carcinoma. Experimental and Molecular Pathology, 2003, 74, 230-237.	2.1	20
103	Collagen Degradation in Aged/Photodamaged Skin In Vivo and After Exposure to Matrix Metalloproteinase-1 In Vitro. Journal of Investigative Dermatology, 2003, 120, 842-848.	0.7	213
104	Matrix Metalloproteinase-1 is the Major Collagenolytic Enzyme Responsible for Collagen Damage in UV-irradiated Human Skin. Photochemistry and Photobiology, 2003, 78, 43-48.	2.5	25
105	Matrix Metalloproteinase-1 is the Major Collagenolytic Enzyme Responsible for Collagen Damage in UV-irradiated Human Skin. Photochemistry and Photobiology, 2003, 78, 43.	2.5	305
106	Extracellular calcium and calcium sensing receptor function in human colon carcinomas: promotion of E-cadherin expression and suppression of beta-catenin/TCF activation. Cancer Research, 2003, 63, 67-71.	0.9	160
107	All-trans Retinoic Acid Improves Structure and Function of Diabetic Rat Skin in Organ Culture. Diabetes, 2002, 51, 3510-3516.	0.6	29
108	Mechanisms of Photoaging and Chronological Skin Aging. Archives of Dermatology, 2002, 138, 1462-70.	1.4	1,352



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109	Inhibition of Type I Procollagen Production in Photodamage: Correlation Between Presence of High Molecular Weight Collagen Fragments and Reduced Procollagen Synthesis. <i>Journal of Investigative Dermatology</i> , 2002, 119, 122-129.	0.7	151
110	Differential expression of an alpha-galactosyl-containing trisaccharide on high- and low-malignant murine sarcoma cells: identification and regulation. <i>Clinical and Experimental Metastasis</i> , 2002, 19, 1-8.	3.3	2
111	Cyclic Stretching of Mesangial Cells Up-Regulates Intercellular Adhesion Molecule-1 and Leukocyte Adherence. <i>American Journal of Pathology</i> , 2001, 158, 11-17.	3.8	45
112	Inhibition of Type I Procollagen Synthesis by Damaged Collagen in Photoaged Skin and by Collagenase-Degraded Collagen in Vitro. <i>American Journal of Pathology</i> , 2001, 158, 931-942.	3.8	275
113	The Role of Metalloelastase in Immune Complex-Induced Acute Lung Injury. <i>American Journal of Pathology</i> , 2001, 158, 2139-2144.	3.8	68
114	Heparin-Binding Epidermal-Growth-Factor-Like Growth Factor Activation of Keratinocyte ErbB Receptors Mediates Epidermal Hyperplasia, a Prominent Side-Effect of Retinoid Therapy. <i>Journal of Investigative Dermatology</i> , 2001, 117, 1335-1341.	0.7	61
115	Anti-CD11a Ameliorates Disease in the Human Psoriatic Skin SCID Mouse Transplant Model: Comparison of Antibody to CD11a with Cyclosporin A and Clobetasol Propionate. <i>Laboratory Investigation</i> , 2001, 81, 1253-1261.	3.7	49
116	Role of Stromelysin 1 and Gelatinase B in Experimental Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001, 24, 537-544.	2.9	136
117	Decreased Extracellular-Signal-Regulated Kinase and Increased Stress-Activated MAP Kinase Activities in Aged Human Skin In Vivo. <i>Journal of Investigative Dermatology</i> , 2000, 115, 177-182.	0.7	147
118	Vitamin A Antagonizes Decreased Cell Growth and Elevated Collagen-Degrading Matrix Metalloproteinases and Stimulates Collagen Accumulation in Naturally Aged Human Skin1. <i>Journal of Investigative Dermatology</i> , 2000, 114, 480-486.	0.7	524
119	Time-dependent inhibition of immune complex-induced lung injury by catalase: relationship to alterations in macrophage and neutrophil matrix metalloproteinase elaboration. <i>Free Radical Biology and Medicine</i> , 2000, 29, 8-16.	2.9	15
120	Troglitazone Improves Psoriasis and Normalizes Models of Proliferative Skin Disease. <i>Archives of Dermatology</i> , 2000, 136, 609-16.	1.4	193
121	ENDOTHELIAL CELL DETERMINANTS OF SUSCEPTIBILITY TO NEUTROPHIL-MEDIATED KILLING. <i>Shock</i> , 1999, 12, 111-117.	2.1	30
122	Characterization of Matrix Metalloproteinases Produced by Rat Alveolar Macrophages. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 20, 1136-1144.	2.9	133
123	Role of Matrix Metalloproteinases in Models of Macrophage-Dependent Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 20, 1145-1154.	2.9	107
124	Can we learn from the pathogenetic strategies of group A hemolytic streptococci how tissues are injured and organs fail in post-infectious and inflammatory sequelae?. <i>FEMS Immunology and Medical Microbiology</i> , 1999, 25, 325-338.	2.7	22
125	PADMA-28, a traditional tibetan herbal preparation inhibits the respiratory burst in human neutrophils, the killing of epithelial cells by mixtures of oxidants and pro-inflammatory agonists and peroxidation of lipids. <i>Inflammopharmacology</i> , 1999, 7, 47-62.	3.9	34
126	Role of ERK and JNK pathways in regulating cell motility and matrix metalloproteinase 9 production in growth factor-stimulated human epidermal keratinocytes. <i>Journal of Cellular Physiology</i> , 1999, 180, 271-284.	4.1	199



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127	Attachment and growth of anchorage-dependent cells on a novel, charged-surface microcarrier under serum-free conditions. Cytotechnology, 1998, 28, 101-109.	1.6	20
128	Heterogeneity of Vascular Endothelial Cells: Differences in Susceptibility to Neutrophil-mediated Injury. Microvascular Research, 1998, 56, 203-211.	2.5	55
129	Human Psoriatic Skin in Organ Culture: Comparison with Normal Skin Exposed to Exogenous Growth Factors and Effects of an Antibody to the EGF Receptor. Pathobiology, 1998, 66, 253-259.	3.8	34
130	Elaboration of Matrix Metalloproteinase Inhibitors by Human Skin in Organ Culture and by Skin Cells in Monolayer Culture: Relationship to Invasion. Invasion & Metastasis, 1998, 18, 27-34.	0.5	14
131	Diethyldithiocarbamate and Nitric Oxide Synergize with Oxidants and with Membrane-Damaging Agents to Injure Mammalian Cells. Free Radical Research, 1997, 27, 143-164.	3.3	23
132	Pathophysiology of Premature Skin Aging Induced by Ultraviolet Light. New England Journal of Medicine, 1997, 337, 1419-1429.	27.0	1,277
133	Human diploid fibroblast growth on polystyrene microcarriers in aggregates. Cytotechnology, 1996, 22, 111-117.	1.6	7
134	Molecular basis of sun-induced premature skin ageing and retinoid antagonism. Nature, 1996, 379, 335-339.	27.8	1,312
135	Modulation of adhesive properties of DEAE-dextran with laminin. Journal of Biomedical Materials Research Part B, 1995, 29, 993-997.	3.1	14
136	all-trans-Retinoic acid preserves viability of fibroblasts and keratinocytes in full-thickness human skin and fibroblasts in isolated dermis in organ culture. Archives of Dermatological Research, 1994, 286, 443-447.	1.9	8
137	Control of AKR fibroblast phenotype by fibronectin: Regulation of cell-surface fibronectin binding receptor by fibronectin. Journal of Cellular Physiology, 1994, 161, 470-482.	4.1	20
138	Mechanisms of Neutrophil-Dependent and Neutrophil-Independent Endothelial Cell Injury. NeuroSignals, 1994, 3, 1-14.	0.9	57
139	MECHANISMS OF ENDOTHELIAL CELL INJURY IN ACUTE INFLAMMATION. Shock, 1994, 2, 311-312.	2.1	122
140	Differences in cell surface carbohydrates, and in laminin and fibronectin synthesis, between adherent and non-adherent ehrlich ascites tumor cells. International Journal of Cancer, 1993, 55, 1029-1035.	5.1	11
141	Killing of endothelial cells and release of arachidonic acid. Inflammation, 1993, 17, 295-319.	3.8	51
142	Retinoid Toxicity for Fibroblasts and Epithelial Cells Is Separable From Growth Promoting Activity. Journal of Investigative Dermatology, 1993, 101, 839-842.	0.7	9
143	Interaction of viable group a streptococci and hydrogen peroxide in killing of vascular endothelial cells. Free Radical Biology and Medicine, 1993, 14, 495-500.	2.9	19
144	Mesangial cell killing by leukocytes: Role of leukocyte oxidants and proteolytic enzymes. Kidney International, 1992, 42, 1169-1177.	5.2	23

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145	Laminin expression in the mouse lung increases with development and stimulates spontaneous organotypic rearrangement of mixed lung cells. <i>Developmental Dynamics</i> , 1992, 195, 43-54.	1.8	43
146	Identification of laminin domains involved in branching morphogenesis: Effects of anti-laminin monoclonal antibodies on mouse embryonic lung development. <i>Developmental Biology</i> , 1991, 146, 531-541.	2.0	80
147	Induction of Proliferation of Growth-Inhibited Keratinocytes and Fibroblasts in Monolayer Culture by Sodium Lauryl Sulfate: Comparison with All-Trans Retinoic Acid. <i>Journal of Investigative Dermatology</i> , 1991, 97, 917-921.	0.7	30
148	Production of fibronectin by human tumor cells and interaction with exogenous fibronectin: Comparison of cell lines obtained from colon adenocarcinomas and squamous carcinomas of the upper aerodigestive tract. <i>International Journal of Cancer</i> , 1991, 47, 421-425.	5.1	20
149	Hydrogen peroxide-induced cell and tissue injury: Protective effects of Mn <sup>2+</sup> . <i>Inflammation</i> , 1991, 15, 291-301.	3.8	37
150	Mechanisms of Neutrophil-Mediated Killing of Endothelial Cells. <i>Journal of Leukocyte Biology</i> , 1990, 48, 97-102.	3.3	79
151	Thrombospondin Binding by Keratinocytes: Modulation under Conditions which Alter Thrombospondin Biosynthesis. <i>Dermatology</i> , 1990, 180, 60-65.	2.1	5
152	All-Trans Retinoic Acid Stimulates Growth and Extracellular Matrix Production in Growth-Inhibited Cultured Human Skin Fibroblasts. <i>Journal of Investigative Dermatology</i> , 1990, 94, 717-723.	0.7	83
153	Inhibition of cytotoxicity by intracellular superoxide dismutase supplementation. <i>Free Radical Biology and Medicine</i> , 1990, 9, 307-314.	2.9	51
154	Time-dependent inhibition of oxygen radical induced lung injury. <i>Inflammation</i> , 1990, 14, 509-522.	3.8	12
155	Modulation of differentiation and proliferation in human colon carcinoma cells by transforming growth factor $\beta$ 1 and $\beta$ 2. <i>International Journal of Cancer</i> , 1990, 46, 493-499.	5.1	73
156	Modulation of fibronectin synthesis and fibronectin binding during transformation and differentiation of mouse AKR fibroblasts. <i>Journal of Cellular Physiology</i> , 1990, 143, 445-454.	4.1	29
157	Modulation of Squamous Carcinoma Cell Growth, Morphology, Adhesiveness and Extracellular Matrix Production by Interferon- $\gamma$ ; and Tumor Necrosis Factor- $\alpha$ . <i>Pathobiology</i> , 1990, 58, 279-286.	3.8	16
158	Laminin in lung development: Effects of anti-laminin antibody in murine lung morphogenesis. <i>Developmental Biology</i> , 1990, 137, 26-32.	2.0	105
159	Vascular endothelial cell killing by combinations of membrane-active agents and hydrogen peroxide. <i>Free Radical Biology and Medicine</i> , 1989, 7, 369-376.	2.9	52
160	Characterization of thrombospondin synthesis, secretion and cell surface expression by human tumor cells. <i>Clinical and Experimental Metastasis</i> , 1989, 7, 265-276.	3.3	60
161	Laminin receptor expression on murine tumor cells: Correlation with sensitivity to natural cell-mediated cytotoxicity. <i>International Journal of Cancer</i> , 1989, 43, 737-742.	5.1	8
162	Fibronectin/laminin and their receptors in aberrant growth control in FR3T3 cells transformed by ha-ras oncogene and epidermal growth factor gene. <i>International Journal of Cancer</i> , 1989, 44, 325-331.	5.1	18

#	ARTICLE	IF	CITATIONS
163	Substrate-dependent differences in production of extracellular matrix molecules by squamous carcinoma cells and diploid fibroblasts. <i>Biotechnology and Bioengineering</i> , 1989, 33, 1235-1241.	3.3	15
164	Formation and use of poly-L-histidine-catalase complexes. <i>Inflammation</i> , 1989, 13, 465-474.	3.8	13
165	Lysophosphatides enhance superoxide responses of stimulated human neutrophils. <i>Inflammation</i> , 1989, 13, 163-174.	3.8	52
166	All-Trans Retinoic Acid Stimulates Growth of Adult Human Keratinocytes Cultured in Growth Factor-Deficient Medium, Inhibits Production of Thrombospondin and Fibronectin, and Reduces Adhesion. <i>Journal of Investigative Dermatology</i> , 1989, 93, 449-454.	0.7	85
167	Production and utilization of extracellular matrix components by human melanocytes. <i>Experimental Cell Research</i> , 1989, 180, 314-325.	2.6	36
168	The Attraction of Wandering Metastatic Cells. , 1989, , 73-83.		0
169	Lipoteichoic acid-antilipoteichoic acid complexes induce superoxide generation by human neutrophils. <i>Inflammation</i> , 1988, 12, 525-548.	3.8	30
170	Inhibitory Effect of Gamma Interferon on Cultured Human Keratinocyte Thrombospondin Production, Distribution, and Biologic Activities. <i>Journal of Investigative Dermatology</i> , 1988, 91, 213-218.	0.7	32
171	Thrombospondin binding by human squamous carcinoma and melanoma cells: Relationship to biological activity. <i>Experimental Cell Research</i> , 1988, 174, 319-329.	2.6	48
172	Tumor type-specific differences in cell-substrate adhesion among human tumor cell lines. <i>International Journal of Cancer</i> , 1987, 39, 397-403.	5.1	34
173	Plasminogen activator production by human tumor cells: Effect on tumor cell-extracellular matrix interactions. <i>International Journal of Cancer</i> , 1987, 40, 772-777.	5.1	13
174	Modulation of fibronectin, laminin, and cellular adhesion in the transformation and differentiation of murine AKR fibroblasts. <i>Journal of Cellular Physiology</i> , 1987, 133, 415-425.	4.1	29
175	Thrombospondin-induced attachment and spreading of human squamous carcinoma cells. <i>Experimental Cell Research</i> , 1986, 167, 376-390.	2.6	116
176	Products of cells cultured from gliomas. IV. Extracellular matrix proteins of gliomas. <i>International Journal of Cancer</i> , 1986, 37, 867-874.	5.1	40
177	Phorbol ester binding and phorbol ester-induced arachidonic acid metabolism in a highly responsive murine fibrosarcoma cell line and in a less-responsive variant. <i>Clinical and Experimental Metastasis</i> , 1986, 4, 51-61.	3.3	7
178	Chemotaxis in Tumor Cells: Possible Mechanisms and their Implications for Therapy. , 1986, , 259-274.		0
179	Attachment, spreading and growth in vitro of highly malignant and low malignant murine fibrosarcoma cells. <i>Clinical and Experimental Metastasis</i> , 1985, 3, 45-59.	3.3	23
180	Directional motility in strongly malignant murine tumor cells. <i>International Journal of Cancer</i> , 1985, 35, 559-564.	5.1	35

#	ARTICLE	IF	CITATIONS
181	ARACHIDONIC ACID METABOLISM IN MURINE FIBROSARCOMA CELLS WITH DIFFERING <i>IN VIVO</i> AND <i>IN VITRO</i> CHARACTERISTICS. International Journal of Cancer, 1985, 36, 383-388.	5.1	9
182	Metastatic potential of murine fibrosarcoma cells is influenced by cell surface laminin. International Journal of Cancer, 1984, 33, 651-655.	5.1	87
183	Enzyme-linked lectin assay (ELLA). Experimental Cell Research, 1984, 151, 96-103.	2.6	33
184	Enzyme-linked lectin assay (ELLA): Use of alkaline phosphatase-conjugated Griffonia simplicifolia B4 isolectin for the detection of $\alpha$ -D-galactopyranosyl end groups. Analytical Biochemistry, 1983, 130, 437-444.	2.4	74
185	Therotaxis of metastatic tumor cells. Cancer and Metastasis Reviews, 1982, 1, 17-28.	5.9	63
186	Responses of normal and malignant cells to collagen, collagen-derived peptides and the C5-related tumor cell chemotactic peptide. Cell Differentiation, 1981, 10, 329-332.	0.4	22
187	Size increase induced in Walker ascites cells by chemotactic factors. Cancer Letters, 1980, 9, 313-318.	7.2	14
188	Resorbing bone is chemotactic for monocytes. Nature, 1978, 275, 132-135.	27.8	161