James Varani

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10889292/publications.pdf Version: 2024-02-01



IAMES VADANI

#	Article	IF	CITATIONS
1	Mechanisms of Photoaging and Chronological Skin Aging. Archives of Dermatology, 2002, 138, 1462-70.	1.4	1,352
2	Molecular basis of sun-induced premature skin ageing and retinoid antagonism. Nature, 1996, 379, 335-339.	27.8	1,312
3	Pathophysiology of Premature Skin Aging Induced by Ultraviolet Light. New England Journal of Medicine, 1997, 337, 1419-1429.	27.0	1,277
4	Decreased Collagen Production in Chronologically Aged Skin. American Journal of Pathology, 2006, 168, 1861-1868.	3.8	640
5	Vitamin A Antagonizes Decreased Cell Growth and Elevated Collagen-Degrading Matrix Metalloproteinases and Stimulates Collagen Accumulation in Naturally Aged Human Skin1. Journal of Investigative Dermatology, 2000, 114, 480-486.	0.7	524
6	Looking Older. Archives of Dermatology, 2008, 144, 666-72.	1.4	397
7	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
8	Collagen Fragmentation Promotes Oxidative Stress and Elevates Matrix Metalloproteinase-1 in Fibroblasts in Aged Human Skin. American Journal of Pathology, 2009, 174, 101-114.	3.8	356
9	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
10	Inhibition of Type I Procollagen Synthesis by Damaged Collagen in Photoaged Skin and by Collagenase-Degraded Collagen in Vitro. American Journal of Pathology, 2001, 158, 931-942.	3.8	275
11	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
12	Role of ERK and JNK pathways in regulating cell motility and matrix metalloproteinase 9 production in growth factor-stimulated human epidermal keratinocytes. Journal of Cellular Physiology, 1999, 180, 271-284.	4.1	199
13	Troglitazone Improves Psoriasis and Normalizes Models of Proliferative Skin Disease. Archives of Dermatology, 2000, 136, 609-16.	1.4	193
14	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
15	Iron Uptake via DMT1 Integrates Cell Cycle with JAK-STAT3 Signaling to Promote Colorectal Tumorigenesis. Cell Metabolism, 2016, 24, 447-461.	16.2	168
16	Improvement of Naturally Aged Skin With Vitamin A (Retinol). Archives of Dermatology, 2007, 143, 606-12.	1.4	167
17	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
18	Resorbing bone is chemotactic for monocytes. Nature, 1978, 275, 132-135.	27.8	161

#	Article	IF	CITATIONS
19	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
20	Tumor-selective proteotoxicity of verteporfin inhibits colon cancer progression independently of YAP1. Science Signaling, 2015, 8, ra98.	3.6	152
21	Inhibition of Type I Procollagen Production in Photodamage: Correlation Between Presence of High Molecular Weight Collagen Fragments and Reduced Procollagen Synthesis. Journal of Investigative Dermatology, 2002, 119, 122-129.	0.7	151
22	Decreased Extracellular-Signal-Regulated Kinase and Increased Stress-Activated MAP Kinase Activities in Aged Human Skin In Vivo. Journal of Investigative Dermatology, 2000, 115, 177-182.	0.7	147
23	IL-1RL2 and Its Ligands Contribute to the Cytokine Network in Psoriasis. Journal of Immunology, 2010, 185, 4354-4362.	0.8	146
24	Matrix metalloproteinases and matrix metalloproteinase inhibitors in acute lung injuryâ~†. Human Pathology, 2006, 37, 422-430.	2.0	138
25	Role of Stromelysin 1 and Gelatinase B in Experimental Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2001, 24, 537-544.	2.9	136
26	Characterization of Matrix Metalloproteinases Produced by Rat Alveolar Macrophages. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 1136-1144.	2.9	133
27	MECHANISMS OF ENDOTHELIAL CELL INJURY IN ACUTE INFLAMMATION. Shock, 1994, 2, 311-312.	2.1	122
28	Thrombospondin-induced attachment and spreading of human squamous carcinoma cells. Experimental Cell Research, 1986, 167, 376-390.	2.6	116
29	Role of Matrix Metalloproteinases in Models of Macrophage-Dependent Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 1145-1154.	2.9	107
30	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
31	Laminin in lung development: Effects of anti-laminin antibody in murine lung morphogenesis. Developmental Biology, 1990, 137, 26-32.	2.0	105
32	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
33	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
34	Metastatic potential of murine fibrosarcoma cells is influenced by cell surface laminin. International Journal of Cancer, 1984, 33, 651-655.	5.1	87
35	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. Journal of Investigative Dermatology, 1989, 93, 449-454.	0.7	85
36	All-Trans Retinoic Acid Stimulates Growth and Extracellular Matrix Production in Growth-Inhibited Cultured Human Skin Fibroblasts. Journal of Investigative Dermatology, 1990, 94, 717-723.	0.7	83

#	Article	IF	CITATIONS
37	Identification of laminin domains involved in branching morphogenesis: Effects of anti-laminin monoclonal antibodies on mouse embryonic lung development. Developmental Biology, 1991, 146, 531-541.	2.0	80
38	Mechanisms of Neutrophil-Mediated Killing of Endothelial Cells. Journal of Leukocyte Biology, 1990, 48, 97-102.	3.3	79
39	A Mineral-Rich Red Algae Extract Inhibits Polyp Formation and Inflammation in the Gastrointestinal Tract of Mice on a High-Fat Diet. Integrative Cancer Therapies, 2010, 9, 93-99.	2.0	76
40	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
41	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
42	Enzyme-linked lectin assay (ELLA): Use of alkaline phosphatase-conjugated Griffonia simplicifolia B4 isolectin for the detection of α-d-galactopyranosyl end groups. Analytical Biochemistry, 1983, 130, 437-444.	2.4	74
43	Modulation of differentiation and proliferation in human colon carcinoma cells by transforming growth factor β1 and β2. International Journal of Cancer, 1990, 46, 493-499.	5.1	73
44	A Mineral-Rich Extract from the Red Marine Algae Lithothamnion calcareum Preserves Bone Structure and Function in Female Mice on a Western-Style Diet. Calcified Tissue International, 2010, 86, 313-324.	3.1	71
45	A combination of curcumin and ginger extract improves abrasion wound healing in corticosteroidâ€impaired hairless rat skin. Wound Repair and Regeneration, 2009, 17, 360-366.	3.0	70
46	Identification, isolation, and characterization of human LGR5-positive colon adenoma cells. Development (Cambridge), 2018, 145, .	2.5	70
47	Clinical, Histologic, and Molecular Analysis of Differences Between Erythematotelangiectatic Rosacea and Telangiectatic Photoaging. JAMA Dermatology, 2015, 151, 825.	4.1	69
48	The Role of Metalloelastase in Immune Complex-Induced Acute Lung Injury. American Journal of Pathology, 2001, 158, 2139-2144.	3.8	68
49	Regulation of E-cadherin and β-catenin by Ca2+ in colon carcinoma is dependent on calcium-sensing receptor expression and function. International Journal of Cancer, 2007, 121, 1455-1462.	5.1	68
50	Themotaxis of metastatic tumor cells. Cancer and Metastasis Reviews, 1982, 1, 17-28.	5.9	63
51	Heparin-Binding Epidermal-Growth-Factor-Like Growth Factor Activation of Keratinocyte ErbB Receptors Mediates Epidermal Hyperplasia, a Prominent Side-Effect of Retinoid Therapy. Journal of Investigative Dermatology, 2001, 117, 1335-1341.	0.7	61
52	Characterization of thrombospondin synthesis, secretion and cell surface expression by human tumor cells. Clinical and Experimental Metastasis, 1989, 7, 265-276.	3.3	60
53	Mechanisms of Neutrophil-Dependent and Neutrophil-Independent Endothelial Cell Injury. NeuroSignals, 1994, 3, 1-14.	0.9	57
54	Heterogeneity of Vascular Endothelial Cells: Differences in Susceptibility to Neutrophil-mediated Injury. Microvascular Research, 1998, 56, 203-211.	2.5	55

#	Article	IF	CITATIONS
55	Rosiglitazone Inhibits Proliferation, Motility, and Matrix Metalloproteinase Production in Keratinocytes. Journal of Investigative Dermatology, 2004, 122, 130-139.	0.7	54
56	Vascular endothelial cell killing by combinations of membrane-active agents and hydrogen peroxide. Free Radical Biology and Medicine, 1989, 7, 369-376.	2.9	52
57	Lysophosphatides enhance superoxide responses of stimulated human neutrophils. Inflammation, 1989, 13, 163-174.	3.8	52
58	Inhibition of cytotoxicity by intracellular superoxide dismutase supplementation. Free Radical Biology and Medicine, 1990, 9, 307-314.	2.9	51
59	Killing of endothelial cells and release of arachidonic acid. Inflammation, 1993, 17, 295-319.	3.8	51
60	Anti-CD11a Ameliorates Disease in the Human Psoriatic Skin–SCID Mouse Transplant Model: Comparison of Antibody to CD11a with Cyclosporin A and Clobetasol Propionate. Laboratory Investigation, 2001, 81, 1253-1261.	3.7	49
61	Amphiregulin and Epidermal Hyperplasia. American Journal of Pathology, 2005, 166, 1009-1016.	3.8	49
62	Thrombospondin binding by human squamous carcinoma and melanoma cells: Relationship to biological activity. Experimental Cell Research, 1988, 174, 319-329.	2.6	48
63	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
64	Matrix metalloproteinase-3 (stromelysin-1) in acute inflammatory tissue injury. Experimental and Molecular Pathology, 2007, 83, 169-176.	2.1	48
65	Fibroblast Response to Lanthanoid Metal Ion Stimulation: Potential Contribution to Fibrotic Tissue Injury. Biological Trace Element Research, 2011, 144, 621-635.	3.5	48
66	Cyclic Stretching of Mesangial Cells Up-Regulates Intercellular Adhesion Molecule-1 and Leukocyte Adherence. American Journal of Pathology, 2001, 158, 11-17.	3.8	45
67	Human colonic crypts in culture: segregation of immunochemical markers in normal versus adenoma-derived. Laboratory Investigation, 2014, 94, 222-234.	3.7	44
68	Laminin expression in the mouse lung increases with development and stimulates spontaneous organotypic rearrangement of mixed lung cells. Developmental Dynamics, 1992, 195, 43-54.	1.8	43
69	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
70	Role of Calcium sensing receptor (CaSR) in tumorigenesis. Best Practice and Research in Clinical Endocrinology and Metabolism, 2013, 27, 455-463.	4.7	42
71	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
72	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

#	Article	IF	CITATIONS
73	Products of cells cultured from gliomas. IV. Extracellular matrix proteins of gliomas. International Journal of Cancer, 1986, 37, 867-874.	5.1	40
74	Stimulation of Fibroblast Proliferation by Insoluble Gadolinium Salts. Biological Trace Element Research, 2012, 145, 257-267.	3.5	40
75	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
76	Calcium-induced differentiation in normal human colonoid cultures: Cell-cell / cell-matrix adhesion, barrier formation and tissue integrity. PLoS ONE, 2019, 14, e0215122.	2.5	38
77	Hydrogen peroxide-induced cell and tissue injury: Protective effects of Mn2+. Inflammation, 1991, 15, 291-301.	3.8	37
78	Growth-inhibitory effects of a mineralized extract from the red marine algae, Lithothamnion calcareum, on Ca2+-sensitive and Ca2+-resistant human colon carcinoma cells. Cancer Letters, 2009, 283, 186-192.	7.2	37
79	Fibroblast Response to Gadolinium. Investigative Radiology, 2010, 45, 769-777.	6.2	37
80	Production and utilization of extracellular matrix components by human melanocytes. Experimental Cell Research, 1989, 180, 314-325.	2.6	36
81	Directional motility in strongly malignant murine tumor cells. International Journal of Cancer, 1985, 35, 559-564.	5.1	35
82	Calcium Reduces Liver Injury in Mice on a High-Fat Diet: Alterations in Microbial and Bile Acid Profiles. PLoS ONE, 2016, 11, e0166178.	2.5	35
83	Tumor type-specific differences in cell-substrate adhesion among human tumor cell lines. International Journal of Cancer, 1987, 39, 397-403.	5.1	34
84	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
85	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. Inflammopharmacology, 1999, 7, 47-62.	3.9	34
86	Regulation of Collagen Turnover in Human Skin Fibroblasts Exposed to a Gadolinium-Based Contrast Agent. Investigative Radiology, 2009, 44, 433-439.	6.2	34
87	Atrophic and hypertrophic photoaging: Clinical, histologic, and molecular features of 2 distinct phenotypes of photoaged skin. Journal of the American Academy of Dermatology, 2019, 81, 480-488.	1.2	34
88	Enzyme-linked lectin assay (ELLA). Experimental Cell Research, 1984, 151, 96-103.	2.6	33
89	Inhibitory Effect of Gamma Interferon on Cultured Human Keratinocyte Thrombospondin Production, Distribution, and Biologic Activities. Journal of Investigative Dermatology, 1988, 91, 213-218.	0.7	32
90		1.9	31

#	Article	IF	CITATIONS
91	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
92	Differentiation of human colon tissue in culture: Effects of calcium on trans-epithelial electrical resistance and tissue cohesive properties. PLoS ONE, 2020, 15, e0222058.	2.5	31
93	Lipoteichoic acid-antilipoteichoic acid complexes induce superoxide generation by human neutrophils. Inflammation, 1988, 12, 525-548.	3.8	30
94	Induction of Proliferation of Growth-Inhibited Keratinocytes and Fibroblasts in Monolayer Culture by Sodium Lauryl Sulfate: Comparison with All-Trans Retinoic Acid. Journal of Investigative Dermatology, 1991, 97, 917-921.	0.7	30
95	ENDOTHELIAL CELL DETERMINANTS OF SUSCEPTIBILITY TO NEUTROPHIL-MEDIATED KILLING. Shock, 1999, 12, 111-117.	2.1	30
96	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
97	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. Molecular Carcinogenesis, 2015, 54, 543-553.	2.7	30
98	Modulation of fibronectin, laminin, and cellular adhesion in the transformation and differentiation of murine AKR fibroblasts. Journal of Cellular Physiology, 1987, 133, 415-425.	4.1	29
99	Modulation of fibronectin synthesis and fibronectin binding during transformation and differentiation of mouse AKR fibroblasts. Journal of Cellular Physiology, 1990, 143, 445-454.	4.1	29
100	All-trans Retinoic Acid Improves Structure and Function of Diabetic Rat Skin in Organ Culture. Diabetes, 2002, 51, 3510-3516.	0.6	29
101	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. Molecular Carcinogenesis, 2009, 48, 202-211.	2.7	29
102	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
103	Human colon tissue in organ culture: preservation of normal and neoplastic characteristics. In Vitro Cellular and Developmental Biology - Animal, 2010, 46, 114-122.	1.5	28
104	Calcium-Induced Differentiation of Human Colon Adenomas in Colonoid Culture: Calcium Alone versus Calcium with Additional Trace Elements. Cancer Prevention Research, 2018, 11, 413-428.	1.5	28
105	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
106	A Calcium-Rich Multimineral Intervention to Modulate Colonic Microbial Communities and Metabolomic Profiles in Humans: Results from a 90-Day Trial. Cancer Prevention Research, 2020, 13, 101-116.	1.5	27
107	Separation of retinoid-induced epidermal and dermal thickening from skin irritation. Archives of Dermatological Research, 2003, 295, 255-262.	1.9	26
108	Neuronal Protein 3.1 Deficiency Leads to Reduced Cutaneous Scar Collagen Deposition and Tensile Strength due to Impaired Transforming Growth Factor-β1 to -β3 Translation. American Journal of Pathology, 2017, 187, 292-303.	3.8	26

#	Article	IF	CITATIONS
109	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
110	MDI 301, a nonirritating retinoid, improves abrasion wound healing in damaged/atrophic skin. Wound Repair and Regeneration, 2008, 16, 117-124.	3.0	24
111	Attachment, spreading and growthin vitro of highly malignant and low malignant murine fibrosarcoma cells. Clinical and Experimental Metastasis, 1985, 3, 45-59.	3.3	23
112	Mesangial cell killing by leukocytes: Role of leukocyte oxidants and proteolytic enzymes. Kidney International, 1992, 42, 1169-1177.	5.2	23
113	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
114	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
115	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?. FEMS Immunology and Medical Microbiology, 1999, 25, 325-338.	2.7	22
116	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
117	Responses of Human Skin in Organ Culture and Human Skin Fibroblasts to a Gadolinium-Based MRI Contrast Agent. Investigative Radiology, 2010, 45, 733-739.	6.2	22
118	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
119	A Multi-Mineral Natural Product Inhibits Liver Tumor Formation in C57BL/6 Mice. Biological Trace Element Research, 2012, 147, 267-274.	3.5	21
120	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. International Journal of Cancer, 1991, 47, 421-425.	5.1	20
121	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
122	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
123	Vascular expression of matrix metalloproteinase-13 (collagenase-3) in basal cell carcinoma. Experimental and Molecular Pathology, 2003, 74, 230-237.	2.1	20
124	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
125	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
126	Marasmius oreades lectin induces renal thrombotic microangiopathic lesions. Experimental and Molecular Pathology, 2004, 77, 77-84.	2.1	19

#	Article	IF	CITATIONS
127	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
128	Collagenolytic Activity Is Suppressed in Organ-Cultured Human Skin Exposed to a Gadolinium-Based MRI Contrast Agent. Investigative Radiology, 2010, 45, 42-48.	6.2	19
129	Fibronectin/laminin and their receptors in aberrant growth control in FR3T3 cells transformed by ha-ras oncogene and epidermal growth factor gene. International Journal of Cancer, 1989, 44, 325-331.	5.1	18
130	7-Chloro-5-(4-hydroxyphenyl)-1-methyl-3-(naphthalen-2-ylmethyl)-4,5-dihydro-1 <i>H</i> -benzo[b][1,4]diazepi (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.	n-2(3 <i>H<!--<br-->2.5</i>	i>)-one 17
131	Bone structure and function in male C57BL/6 mice: Effects of a high-fat Western-style diet with or without trace minerals. Bone Reports, 2016, 5, 141-149.	0.4	17
132	Modulation of Squamous Carcinoma Cell Growth, Morphology, Adhesiveness and Extracellular Matrix Production by Interferon-γ and Tumor Necrosis Factor-α. Pathobiology, 1990, 58, 279-286.	3.8	16
133	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
134	Human colon tissue in organ culture: calcium and multi-mineral-induced mucosal differentiation. In Vitro Cellular and Developmental Biology - Animal, 2011, 47, 32-38.	1.5	16
135	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
136	Ulcerative Colitis-Derived Colonoid Culture: A Multi-Mineral-Approach to Improve Barrier Protein Expression. Frontiers in Cell and Developmental Biology, 2020, 8, 577221.	3.7	16
137	Substrate-dependent differences in production of extracellular matrix molecules by squamous carcinoma cells and diploid fibroblasts. Biotechnology and Bioengineering, 1989, 33, 1235-1241.	3.3	15
138	Time-dependent inhibition of immune complex-induced lung injury by catalase: relationship to alterations in macrophage and neutrophil matrix metalloproteinase elaboration. Free Radical Biology and Medicine, 2000, 29, 8-16.	2.9	15
139	Thiazolidinediones: potential as therapeutics for psoriasis and perhaps other hyperproliferative skin disease. Expert Opinion on Investigational Drugs, 2006, 15, 1453-1468.	4.1	15
140	Size increase induced in Walker ascites cells by chemotactic factors. Cancer Letters, 1980, 9, 313-318.	7.2	14
141	Modulation of adhesive properties of DEAE-dextran with laminin. Journal of Biomedical Materials Research Part B, 1995, 29, 993-997.	3.1	14
142	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
143	Impaired keratinocyte function on matrix metalloproteinase-1 (MMP-1) damaged collagen. Archives of Dermatological Research, 2009, 301, 497-506.	1.9	14
144	Fibroblast aging: intrinsic and extrinsic factors. Drug Discovery Today: Therapeutic Strategies, 2010, 7, 65-70.	0.5	14

#	Article	IF	CITATIONS
145	Growth Control in Colon Epithelial Cells: Gadolinium Enhances Calcium-Mediated Growth Regulation. Biological Trace Element Research, 2012, 150, 467-476.	3.5	14
146	Preservation of Bone Structure and Function by Lithothamnion sp. Derived Minerals. Biological Trace Element Research, 2013, 156, 210-220.	3.5	14
147	Plasminogen activator production by human tumor cells: Effect on tumor cell-extracellular matrix interactions. International Journal of Cancer, 1987, 40, 772-777.	5.1	13
148	Formation and use of poly-L-histidine-catalase complexes. Inflammation, 1989, 13, 465-474.	3.8	13
149	<p>Pro-inflammatory agents released by pathogens, dying host cells, and neutrophils act synergistically to destroy host tissues: a working hypothesis</p> . Journal of Inflammation Research, 2019, Volume 12, 35-47.	3.5	13
150	Time-dependent inhibition of oxygen radical induced lung injury. Inflammation, 1990, 14, 509-522.	3.8	12
151	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
152	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
153	Inhibition of retinoic acid-induced skin irritation in calorie-restricted mice. Archives of Dermatological Research, 2008, 300, 27-35.	1.9	11
154	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
155	A Multi-Mineral Intervention to Modulate Colonic Mucosal Protein Profile: Results from a 90-Day Trial in Human Subjects. Nutrients, 2021, 13, 939.	4.1	10
156	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
157	Retinoid Toxicity for Fibroblasts and Epithelial Cells Is Separable From Growth Promoting Activity. Journal of Investigative Dermatology, 1993, 101, 839-842.	0.7	9
158	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
159	Laminin receptor expression on murine tumor cells: Correlation with sensitivity to natural cell-mediated cytotoxicity. International Journal of Cancer, 1989, 43, 737-742.	5.1	8
160	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
161	Nuclear histones: major virulence factors or just additional early sepsis markers? A comment. Inflammopharmacology, 2016, 24, 287-289.	3.9	8
162	Phorbol ester binding and phorol ester-induced arachidonic acid metabolism in a highly responsive murine fibrosarcoma cell line and in a less-responsive variant. Clinical and Experimental Metastasis, 1986, 4, 51-61.	3.3	7

#	Article	IF	CITATIONS
163	Human diploid fibroblast growth on polystyrene microcarriers in aggregates. Cytotechnology, 1996, 22, 111-117.	1.6	7
164	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
165	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. Archives of Dermatological Research, 2010, 302, 669-677.	1.9	6
166	Thrombospondin Binding by Keratinocytes: Modulation under Conditions which Alter Thrombospondin Biosynthesis. Dermatology, 1990, 180, 60-65.	2.1	5
167	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 Vitro Cellular and Developmental Biology - Animal, 2009, 45, 551-557.	1.5	5
168	Organoid culture to study epithelial cell differentiation and barrier formation in the colon: bridging the gap between monolayer cell culture and human subject research. In Vitro Cellular and Developmental Biology - Animal, 2021, 57, 174-190.	1.5	5
169	Calcium, calcium-sensing receptor and growth control in the colonic mucosa. Histology and Histopathology, 2011, 26, 769-79.	0.7	5
170	Epithelial cell invasion of the stroma in human skin organ culture. Frontiers in Bioscience - Landmark, 2004, 9, 2989.	3.0	4
171	Liver Protein Expression in NASH Mice on a High-Fat Diet: Response to Multi-Mineral Intervention. Frontiers in Nutrition, 2022, 9, .	3.7	4
172	Mechanisms of neutrophil-mediated injury. Clinical and Experimental Immunology, 2008, 93, 2-2.	2.6	3
173	Differential expression of an alpha-galactosyl-containing trisaccharide on high- and low-malignant murine sarcoma cells: identification and regulation. Clinical and Experimental Metastasis, 2002, 19, 1-8.	3.3	2
174	Human skin organ culture for assessment of chemically induced skin damage. Expert Review of Dermatology, 2012, 7, 295-303.	0.3	2
175	Human Colon Tissue in Organ Culture. , 2012, , 69-80.		2
176	Chapter 12 Endothelial cell injury and defense. Advances in Molecular and Cell Biology, 2005, , 335-364.	0.1	1
177	MDI 301 suppresses myeloid leukemia cell growth in vitro and in vivo without the toxicity associated with all-trans retinoic acid therapy. Anti-Cancer Drugs, 2015, 26, 763-773.	1.4	1
178	Skin damage in the aged: it's more than cosmetic. Expert Review of Dermatology, 2009, 4, 549-551.	0.3	1
179	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
180	Dermal Connective Tissue as the Foundation for Healthy-Looking Skin. , 2009, , 269-286.		0

#	Article	IF	CITATIONS
181	Control of cell motility during tissue invasion. , 2008, , 11-19.		0
182	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
183	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
184	Determination of Rodent Tropoelastin in the Skin by Competitive ELISA. FASEB Journal, 2008, 22, 1121.4.	0.5	0
185	Curcumin and Ginger Extract Improves Abrasion Wound Healing in Damaged Skin. FASEB Journal, 2009, 23, 469.3.	0.5	0
186	MMPâ€l Reduced in Organ Cultured Human Skin and Dermal Fibroblasts by Ginger and Curcumin. FASEB Journal, 2009, 23, 469.4.	0.5	0
187	Chemotaxis in Tumor Cells: Possible Mechanisms and their Implications for Therapy. , 1986, , 259-274.		0
188	The Attraction of Wandering Metastatic Cells. , 1989, , 73-83.		0