

James Varani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10889292/publications.pdf>

Version: 2024-02-01

188
papers

14,598
citations

31902

53
h-index

20900

115
g-index

195
all docs

195
docs citations

195
times ranked

10741
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of Photoaging and Chronological Skin Aging. Archives of Dermatology, 2002, 138, 1462-70.	1.7	1,352
2	Molecular basis of sun-induced premature skin ageing and retinoid antagonism. Nature, 1996, 379, 335-339.	13.7	1,312
3	Pathophysiology of Premature Skin Aging Induced by Ultraviolet Light. New England Journal of Medicine, 1997, 337, 1419-1429.	13.9	1,277
4	Decreased Collagen Production in Chronologically Aged Skin. American Journal of Pathology, 2006, 168, 1861-1868.	1.9	640
5	Vitamin A Antagonizes Decreased Cell Growth and Elevated Collagen-Degrading Matrix Metalloproteinases and Stimulates Collagen Accumulation in Naturally Aged Human Skin ¹ . Journal of Investigative Dermatology, 2000, 114, 480-486.	0.3	524
6	Looking Older. Archives of Dermatology, 2008, 144, 666-72.	1.7	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.	1.7	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.	1.9	356
9	Matrix Metalloproteinase-1 is the Major Collagenolytic Enzyme Responsible for Collagen Damage in UV-irradiated Human Skin ¹ . Photochemistry and Photobiology, 2003, 78, 43.	1.3	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.	1.9	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.	0.3	213
12	Role of ERK and JNK pathways in regulating cell motility and matrix metalloproteinase 9 production in growth factor-stimulated human epidermal keratinocytes. , 1999, 180, 271-284.		199
13	Troglitazone Improves Psoriasis and Normalizes Models of Proliferative Skin Disease. Archives of Dermatology, 2000, 136, 609-16.	1.7	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.	0.3	172
15	Iron Uptake via DMT1 Integrates Cell Cycle with JAK-STAT3 Signaling to Promote Colorectal Tumorigenesis. Cell Metabolism, 2016, 24, 447-461.	7.2	168
16	Improvement of Naturally Aged Skin With Vitamin A (Retinol). Archives of Dermatology, 2007, 143, 606-12.	1.7	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.	2.0	164
18	Resorbing bone is chemotactic for monocytes. Nature, 1978, 275, 132-135.	13.7	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. <i>Cancer Research</i> , 2003, 63, 67-71.	0.4	160
20	Tumor-selective proteotoxicity of verteporfin inhibits colon cancer progression independently of YAP1. <i>Science Signaling</i> , 2015, 8, ra98.	1.6	152
21	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.	0.3	151
22	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.	0.3	147
23	IL-1RL2 and Its Ligands Contribute to the Cytokine Network in Psoriasis. <i>Journal of Immunology</i> , 2010, 185, 4354-4362.	0.4	146
24	Matrix metalloproteinases and matrix metalloproteinase inhibitors in acute lung injury. <i>Human Pathology</i> , 2006, 37, 422-430.	1.1	138
25	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.	1.4	136
26	Characterization of Matrix Metalloproteinases Produced by Rat Alveolar Macrophages. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 20, 1136-1144.	1.4	133
27	MECHANISMS OF ENDOTHELIAL CELL INJURY IN ACUTE INFLAMMATION. <i>Shock</i> , 1994, 2, 311-312.	1.0	122
28	Thrombospondin-induced attachment and spreading of human squamous carcinoma cells. <i>Experimental Cell Research</i> , 1986, 167, 376-390.	1.2	116
29	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.	1.4	107
30	Calcium sensing receptor in human colon carcinoma: interaction with Ca(2+) and 1,25-dihydroxyvitamin D(3). <i>Cancer Research</i> , 2005, 65, 493-8.	0.4	107
31	Laminin in lung development: Effects of anti-laminin antibody in murine lung morphogenesis. <i>Developmental Biology</i> , 1990, 137, 26-32.	0.9	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. <i>Journal of Investigative Dermatology</i> , 2006, 126, 732-739.	0.3	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. <i>Experimental and Molecular Pathology</i> , 2004, 76, 189-195.	0.9	91
34	Metastatic potential of murine fibrosarcoma cells is influenced by cell surface laminin. <i>International Journal of Cancer</i> , 1984, 33, 651-655.	2.3	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. <i>Journal of Investigative Dermatology</i> , 1989, 93, 449-454.	0.3	85
36	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.	0.3	83

#	ARTICLE	IF	CITATIONS
37	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.	0.9	80
38	Mechanisms of Neutrophil-Mediated Killing of Endothelial Cells. <i>Journal of Leukocyte Biology</i> , 1990, 48, 97-102.	1.5	79
39	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.	0.8	76
40	All-trans-Retinoic Acid Suppresses Matrix Metalloproteinase Activity and Increases Collagen Synthesis in Diabetic Human Skin in Organ Culture. <i>American Journal of Pathology</i> , 2004, 165, 167-174.	1.9	75
41	Effects of Gadolinium-Based Magnetic Resonance Imaging Contrast Agents on Human Skin in Organ Culture and Human Skin Fibroblasts. <i>Investigative Radiology</i> , 2009, 44, 74-81.	3.5	75
42	Enzyme-linked lectin assay (ELLA): Use of alkaline phosphatase-conjugated <i>Griffonia simplicifolia</i> B4 isolectin for the detection of α -D-galactopyranosyl end groups. <i>Analytical Biochemistry</i> , 1983, 130, 437-444.	1.1	74
43	Modulation of differentiation and proliferation in human colon carcinoma cells by transforming growth factor β 1 and β 2. <i>International Journal of Cancer</i> , 1990, 46, 493-499.	2.3	73
44	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.	1.5	71
45	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.	1.5	70
46	Identification, isolation, and characterization of human LGR5-positive colon adenoma cells. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	70
47	Clinical, Histologic, and Molecular Analysis of Differences Between Erythematotelangiectatic Rosacea and Telangiectatic Photoaging. <i>JAMA Dermatology</i> , 2015, 151, 825.	2.0	69
48	The Role of Metalloelastase in Immune Complex-Induced Acute Lung Injury. <i>American Journal of Pathology</i> , 2001, 158, 2139-2144.	1.9	68
49	Regulation of E-cadherin and β -catenin by Ca^{2+} in colon carcinoma is dependent on calcium-sensing receptor expression and function. <i>International Journal of Cancer</i> , 2007, 121, 1455-1462.	2.3	68
50	Therotaxis of metastatic tumor cells. <i>Cancer and Metastasis Reviews</i> , 1982, 1, 17-28.	2.7	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. <i>Journal of Investigative Dermatology</i> , 2001, 117, 1335-1341.	0.3	61
52	Characterization of thrombospondin synthesis, secretion and cell surface expression by human tumor cells. <i>Clinical and Experimental Metastasis</i> , 1989, 7, 265-276.	1.7	60
53	Mechanisms of Neutrophil-Dependent and Neutrophil-Independent Endothelial Cell Injury. <i>NeuroSignals</i> , 1994, 3, 1-14.	0.5	57
54	Heterogeneity of Vascular Endothelial Cells: Differences in Susceptibility to Neutrophil-mediated Injury. <i>Microvascular Research</i> , 1998, 56, 203-211.	1.1	55

#	ARTICLE	IF	CITATIONS
55	Rosiglitazone Inhibits Proliferation, Motility, and Matrix Metalloproteinase Production in Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2004, 122, 130-139.	0.3	54
56	Vascular endothelial cell killing by combinations of membrane-active agents and hydrogen peroxide. <i>Free Radical Biology and Medicine</i> , 1989, 7, 369-376.	1.3	52
57	Lysophosphatides enhance superoxide responses of stimulated human neutrophils. <i>Inflammation</i> , 1989, 13, 163-174.	1.7	52
58	Inhibition of cytotoxicity by intracellular superoxide dismutase supplementation. <i>Free Radical Biology and Medicine</i> , 1990, 9, 307-314.	1.3	51
59	Killing of endothelial cells and release of arachidonic acid. <i>Inflammation</i> , 1993, 17, 295-319.	1.7	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. <i>Laboratory Investigation</i> , 2001, 81, 1253-1261.	1.7	49
61	Amphiregulin and Epidermal Hyperplasia. <i>American Journal of Pathology</i> , 2005, 166, 1009-1016.	1.9	49
62	Thrombospondin binding by human squamous carcinoma and melanoma cells: Relationship to biological activity. <i>Experimental Cell Research</i> , 1988, 174, 319-329.	1.2	48
63	Role of Metalloelastase in a Model of Allergic Lung Responses Induced by Cockroach Allergen. <i>American Journal of Pathology</i> , 2004, 165, 1921-1930.	1.9	48
64	Matrix metalloproteinase-3 (stromelysin-1) in acute inflammatory tissue injury. <i>Experimental and Molecular Pathology</i> , 2007, 83, 169-176.	0.9	48
65	Fibroblast Response to Lanthanoid Metal Ion Stimulation: Potential Contribution to Fibrotic Tissue Injury. <i>Biological Trace Element Research</i> , 2011, 144, 621-635.	1.9	48
66	Cyclic Stretching of Mesangial Cells Up-Regulates Intercellular Adhesion Molecule-1 and Leukocyte Adherence. <i>American Journal of Pathology</i> , 2001, 158, 11-17.	1.9	45
67	Human colonic crypts in culture: segregation of immunochemical markers in normal versus adenoma-derived. <i>Laboratory Investigation</i> , 2014, 94, 222-234.	1.7	44
68	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.	0.8	43
69	A Multimineral Natural Product from Red Marine Algae Reduces Colon Polyp Formation in C57BL/6 Mice. <i>Nutrition and Cancer</i> , 2012, 64, 1020-1028.	0.9	42
70	Role of Calcium sensing receptor (CaSR) in tumorigenesis. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2013, 27, 455-463.	2.2	42
71	Topical Pretreatment of Diabetic Rats With All-trans Retinoic Acid Improves Healing of Subsequently Induced Abrasion Wounds. <i>Diabetes</i> , 2005, 54, 855-861.	0.3	41
72	Human Skin in Organ Culture and Human Skin Cells (Keratinocytes and Fibroblasts) in Monolayer Culture for Assessment of Chemically Induced Skin Damage. <i>Toxicologic Pathology</i> , 2007, 35, 693-701.	0.9	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.	2.3	40
74	Stimulation of Fibroblast Proliferation by Insoluble Gadolinium Salts. Biological Trace Element Research, 2012, 145, 257-267.	1.9	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.	1.8	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.	1.1	38
77	Hydrogen peroxide-induced cell and tissue injury: Protective effects of Mn ²⁺ . Inflammation, 1991, 15, 291-301.	1.7	37
78	Growth-inhibitory effects of a mineralized extract from the red marine algae, Lithothamnion calcareum, on Ca ²⁺ -sensitive and Ca ²⁺ -resistant human colon carcinoma cells. Cancer Letters, 2009, 283, 186-192.	3.2	37
79	Fibroblast Response to Gadolinium. Investigative Radiology, 2010, 45, 769-777.	3.5	37
80	Production and utilization of extracellular matrix components by human melanocytes. Experimental Cell Research, 1989, 180, 314-325.	1.2	36
81	Directional motility in strongly malignant murine tumor cells. International Journal of Cancer, 1985, 35, 559-564.	2.3	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.	1.1	35
83	Tumor type-specific differences in cell-substrate adhesion among human tumor cell lines. International Journal of Cancer, 1987, 39, 397-403.	2.3	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.	1.9	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.	1.9	34
86	Regulation of Collagen Turnover in Human Skin Fibroblasts Exposed to a Gadolinium-Based Contrast Agent. Investigative Radiology, 2009, 44, 433-439.	3.5	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.	0.6	34
88	Enzyme-linked lectin assay (ELLA). Experimental Cell Research, 1984, 151, 96-103.	1.2	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.	0.3	32
90	?-Lipoic acid-based PPAR? agonists for treating inflammatory skin diseases. Archives of Dermatological Research, 2004, 296, 97-104.	1.1	31

#	ARTICLE	IF	CITATIONS
91	Matrix Metalloproteinase Expression in Normal Skin Associated With Basal Cell Carcinoma and in Distal Skin From the Same Patients. <i>Archives of Facial Plastic Surgery</i> , 2005, 7, 238-243.	0.8	31
92	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.	1.1	31
93	Lipoteichoic acid-antilipoteichoic acid complexes induce superoxide generation by human neutrophils. <i>Inflammation</i> , 1988, 12, 525-548.	1.7	30
94	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.	0.3	30
95	ENDOTHELIAL CELL DETERMINANTS OF SUSCEPTIBILITY TO NEUTROPHIL-MEDIATED KILLING. <i>Shock</i> , 1999, 12, 111-117.	1.0	30
96	Matrix metalloproteinase expression in basal cell carcinoma: relationship between enzyme profile and collagen fragmentation pattern. <i>Experimental and Molecular Pathology</i> , 2005, 79, 151-160.	0.9	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. <i>Molecular Carcinogenesis</i> , 2015, 54, 543-553.	1.3	30
98	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.	2.0	29
99	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.	2.0	29
100	All-trans Retinoic Acid Improves Structure and Function of Diabetic Rat Skin in Organ Culture. <i>Diabetes</i> , 2002, 51, 3510-3516.	0.3	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. <i>Molecular Carcinogenesis</i> , 2009, 48, 202-211.	1.3	29
102	Progression of ulcerative dermatitis lesions in C57BL/6Crl mice and the development of a scoring system for dermatitis lesions. <i>Journal of the American Association for Laboratory Animal Science</i> , 2012, 51, 586-93.	0.6	29
103	Human colon tissue in organ culture: preservation of normal and neoplastic characteristics. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2010, 46, 114-122.	0.7	28
104	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.	0.7	28
105	Retinoid-induced epidermal hyperplasia in human skin organ culture: inhibition with soy extract and soy isoflavones. <i>Experimental and Molecular Pathology</i> , 2004, 77, 176-183.	0.9	27
106	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.	0.7	27
107	Separation of retinoid-induced epidermal and dermal thickening from skin irritation. <i>Archives of Dermatological Research</i> , 2003, 295, 255-262.	1.1	26
108	Neuronal Protein 3.1 Deficiency Leads to Reduced Cutaneous Scar Collagen Deposition and Tensile Strength due to Impaired Transforming Growth Factor- β 1 to β 3 Translation. <i>American Journal of Pathology</i> , 2017, 187, 292-303.	1.9	26

#	ARTICLE	IF	CITATIONS
109	Matrix Metalloproteinase-1 is the Major Collagenolytic Enzyme Responsible for Collagen Damage in UV-irradiated Human Skin. <i>Photochemistry and Photobiology</i> , 2003, 78, 43-48.	1.3	25
110	MDI 301, a nonirritating retinoid, improves abrasion wound healing in damaged/atrophic skin. <i>Wound Repair and Regeneration</i> , 2008, 16, 117-124.	1.5	24
111	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.	1.7	23
112	Mesangial cell killing by leukocytes: Role of leukocyte oxidants and proteolytic enzymes. <i>Kidney International</i> , 1992, 42, 1169-1177.	2.6	23
113	Diethyldithiocarbamate and Nitric Oxide Synergize with Oxidants and with Membrane-Damaging Agents to Injure Mammalian Cells. <i>Free Radical Research</i> , 1997, 27, 143-164.	1.5	23
114	Responses of normal and malignant cells to collagen, collagen-derived peptides and the C5-related tumor cell chemotactic peptide. <i>Cell Differentiation</i> , 1981, 10, 329-332.	1.3	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?. <i>FEMS Immunology and Medical Microbiology</i> , 1999, 25, 325-338.	2.7	22
116	Pretreatment of diabetic rats with lipoic acid improves healing of subsequently-induced abrasion wounds. <i>Archives of Dermatological Research</i> , 2005, 297, 75-83.	1.1	22
117	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.	3.5	22
118	PADMA 28: A Multi-Component Herbal Preparation with Retinoid-Like Dermal Activity but Without Epidermal Effects. <i>Journal of Investigative Dermatology</i> , 2005, 124, 524-529.	0.3	21
119	A Multi-Mineral Natural Product Inhibits Liver Tumor Formation in C57BL/6 Mice. <i>Biological Trace Element Research</i> , 2012, 147, 267-274.	1.9	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. <i>International Journal of Cancer</i> , 1991, 47, 421-425.	2.3	20
121	Control of AKR fibroblast phenotype by fibronectin: Regulation of cell-surface fibronectin binding receptor by fibronectin. <i>Journal of Cellular Physiology</i> , 1994, 161, 470-482.	2.0	20
122	Attachment and growth of anchorage-dependent cells on a novel, charged-surface microcarrier under serum-free conditions. <i>Cytotechnology</i> , 1998, 28, 101-109.	0.7	20
123	Vascular expression of matrix metalloproteinase-13 (collagenase-3) in basal cell carcinoma. <i>Experimental and Molecular Pathology</i> , 2003, 74, 230-237.	0.9	20
124	Establishment and characteristics of Gottingen minipig skin in organ culture and monolayer cell culture: relevance to drug safety testing. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2008, 44, 245-252.	0.7	20
125	Interaction of viable group a streptococci and hydrogen peroxide in killing of vascular endothelial cells. <i>Free Radical Biology and Medicine</i> , 1993, 14, 495-500.	1.3	19
126	Marasmius oreades lectin induces renal thrombotic microangiopathic lesions. <i>Experimental and Molecular Pathology</i> , 2004, 77, 77-84.	0.9	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.	1.1	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.	3.5	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.	2.3	18
130	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.	1.3	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.	0.2	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.	1.9	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.	1.2	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.	0.7	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.	0.3	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.	1.8	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.	1.7	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.	1.3	15
139	Thiazolidinediones: potential as therapeutics for psoriasis and perhaps other hyperproliferative skin disease. Expert Opinion on Investigational Drugs, 2006, 15, 1453-1468.	1.9	15
140	Size increase induced in Walker ascites cells by chemotactic factors. Cancer Letters, 1980, 9, 313-318.	3.2	14
141	Modulation of adhesive properties of DEAE-dextran with laminin. Journal of Biomedical Materials Research Part B, 1995, 29, 993-997.	3.0	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.	1.1	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. <i>Biological Trace Element Research</i> , 2012, 150, 467-476.	1.9	14
146	Preservation of Bone Structure and Function by Lithothamnion sp. Derived Minerals. <i>Biological Trace Element Research</i> , 2013, 156, 210-220.	1.9	14
147	Plasminogen activator production by human tumor cells: Effect on tumor cell-extracellular matrix interactions. <i>International Journal of Cancer</i> , 1987, 40, 772-777.	2.3	13
148	Formation and use of poly-L-histidine-catalase complexes. <i>Inflammation</i> , 1989, 13, 465-474.	1.7	13
149	<p>Pro-inflammatory agents released by pathogens, dying host cells, and neutrophils act synergistically to destroy host tissues: a working hypothesis</p>. <i>Journal of Inflammation Research</i> , 2019, Volume 12, 35-47.	1.6	13
150	Time-dependent inhibition of oxygen radical induced lung injury. <i>Inflammation</i> , 1990, 14, 509-522.	1.7	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. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 315, 996-1004.	1.3	12
152	Differences in cell surface carbohydrates, and in laminin and fibronectin synthesis, between adherent and non-adherent ehrlich ascites tumor cells. <i>International Journal of Cancer</i> , 1993, 55, 1029-1035.	2.3	11
153	Inhibition of retinoic acid-induced skin irritation in calorie-restricted mice. <i>Archives of Dermatological Research</i> , 2008, 300, 27-35.	1.1	11
154	Gadolinium-induced fibrosis is counter-regulated by CCN3 in human dermal fibroblasts: a model for potential treatment of nephrogenic systemic fibrosis. <i>Journal of Cell Communication and Signaling</i> , 2012, 6, 97-105.	1.8	10
155	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.	1.7	10
156	ARACHIDONIC ACID METABOLISM IN MURINE FIBROSARCOMA CELLS WITH DIFFERING <i>IN VIVO</i> AND <i>IN VITRO</i> CHARACTERISTICS. <i>International Journal of Cancer</i> , 1985, 36, 383-388.	2.3	9
157	Retinoid Toxicity for Fibroblasts and Epithelial Cells Is Separable From Growth Promoting Activity. <i>Journal of Investigative Dermatology</i> , 1993, 101, 839-842.	0.3	9
158	Ulcerative Dermatitis in C57BL/6NCrl Mice on a Low-Fat or High-Fat Diet With or Without a Mineralized Red-Algae Supplement. <i>Journal of the American Association for Laboratory Animal Science</i> , 2015, 54, 487-96.	0.6	9
159	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.	2.3	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. <i>Archives of Dermatological Research</i> , 1994, 286, 443-447.	1.1	8
161	Nuclear histones: major virulence factors or just additional early sepsis markers? A comment. <i>Inflammopharmacology</i> , 2016, 24, 287-289.	1.9	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. <i>Clinical and Experimental Metastasis</i> , 1986, 4, 51-61.	1.7	7

#	ARTICLE	IF	CITATIONS
163	Human diploid fibroblast growth on polystyrene microcarriers in aggregates. <i>Cytotechnology</i> , 1996, 22, 111-117.	0.7	7
164	A Novel Benzodiazepine Selectively Inhibits Keratinocyte Proliferation and Reduces Retinoid-Induced Epidermal Hyperplasia in Organ-Cultured Human Skin. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 313, 56-63.	1.3	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. <i>Archives of Dermatological Research</i> , 2010, 302, 669-677.	1.1	6
166	Thrombospondin Binding by Keratinocytes: Modulation under Conditions which Alter Thrombospondin Biosynthesis. <i>Dermatology</i> , 1990, 180, 60-65.	0.9	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. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2009, 45, 551-557.	0.7	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. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2021, 57, 174-190.	0.7	5
169	Calcium, calcium-sensing receptor and growth control in the colonic mucosa. <i>Histology and Histopathology</i> , 2011, 26, 769-79.	0.5	5
170	Epithelial cell invasion of the stroma in human skin organ culture. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 2989.	3.0	4
171	Liver Protein Expression in NASH Mice on a High-Fat Diet: Response to Multi-Mineral Intervention. <i>Frontiers in Nutrition</i> , 2022, 9, .	1.6	4
172	Mechanisms of neutrophil-mediated injury. <i>Clinical and Experimental Immunology</i> , 2008, 93, 2-2.	1.1	3
173	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.	1.7	2
174	Human skin organ culture for assessment of chemically induced skin damage. <i>Expert Review of Dermatology</i> , 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. <i>Advances in Molecular and Cell Biology</i> , 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. <i>Anti-Cancer Drugs</i> , 2015, 26, 763-773.	0.7	1
178	Skin damage in the aged: itâ€™s more than cosmetic. <i>Expert Review of Dermatology</i> , 2009, 4, 549-551.	0.3	1
179	Control of normal and abnormal proliferation in the epidermis: EGF receptor function and epidermal hyperplasia. <i>Expert Review of Dermatology</i> , 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	Anti-oxidant activity increased in human dermal fibroblasts and intact skin by Zingiber officinale CO 2 extract. FASEB Journal, 2008, 22, 897.11.	0.2	0
183	MDI 301, A non-irritating retinoid, improves abrasion wound healing in both aged and diabetic skin. FASEB Journal, 2008, 22, 1121.3.	0.2	0
184	Determination of Rodent Tropoelastin in the Skin by Competitive ELISA. FASEB Journal, 2008, 22, 1121.4.	0.2	0
185	Curcumin and Ginger Extract Improves Abrasion Wound Healing in Damaged Skin. FASEB Journal, 2009, 23, 469.3.	0.2	0
186	MMP-1 Reduced in Organ Cultured Human Skin and Dermal Fibroblasts by Ginger and Curcumin. FASEB Journal, 2009, 23, 469.4.	0.2	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