

James Varani

List of Publications by Year in descending order

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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 | 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 |
| 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. | 1.7 | 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. | 0.7 | 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. | 1.8 | 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. | 1.1 | 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. | 0.7 | 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. | 0.6 | 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. | 1.1 | 38 |
| 9 | <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 |
| 10 | Identification, isolation, and characterization of human LGR5-positive colon adenoma cells. <i>Development (Cambridge)</i> , 2018, 145, . | 1.2 | 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. | 0.7 | 28 |
| 12 | 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 |
| 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. | 1.1 | 35 |
| 14 | Nuclear histones: major virulence factors or just additional early sepsis markers? A comment. <i>Inflammopharmacology</i> , 2016, 24, 287-289. | 1.9 | 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. | 7.2 | 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. | 0.2 | 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. | 0.7 | 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. | 1.3 | 30 |

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|----|---|-----|-----------|
| 19 | Clinical, Histologic, and Molecular Analysis of Differences Between Erythematotelangiectatic Rosacea and Telangiectatic Photoaging. <i>JAMA Dermatology</i> , 2015, 151, 825. | 2.0 | 69 |
| 20 | Balanced regulation of the CCN family of matricellular proteins: a novel approach to the prevention and treatment of fibrosis and cancer. <i>Journal of Cell Communication and Signaling</i> , 2015, 9, 327-339. | 1.8 | 38 |
| 21 | Erlotinib-Induced Skin Inflammation Is IL-1 Mediated in KC-Tie2 Mice and Human Skin Organ Culture. <i>Journal of Investigative Dermatology</i> , 2015, 135, 910-913. | 0.3 | 16 |
| 22 | Tumor-selective proteotoxicity of verteporfin inhibits colon cancer progression independently of YAP1. <i>Science Signaling</i> , 2015, 8, ra98. | 1.6 | 152 |
| 23 | Ulcerative Dermatitis in C57BL/6NCrl Mice on a Low-Fat or High-Fat Diet With or Without a Mineralized Red-Algae Supplement. <i>Journal of the American Association for Laboratory Animal Science</i> , 2015, 54, 487-96. | 0.6 | 9 |
| 24 | 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 |
| 25 | 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 |
| 26 | Preservation of Bone Structure and Function by Lithothamnion sp. Derived Minerals. <i>Biological Trace Element Research</i> , 2013, 156, 210-220. | 1.9 | 14 |
| 27 | Human skin organ culture for assessment of chemically induced skin damage. <i>Expert Review of Dermatology</i> , 2012, 7, 295-303. | 0.3 | 2 |
| 28 | A Multiminerall 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 |
| 29 | 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 |
| 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. <i>Biological Trace Element Research</i> , 2012, 147, 267-274. | 1.9 | 21 |
| 32 | 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 |
| 33 | Stimulation of Fibroblast Proliferation by Insoluble Gadolinium Salts. <i>Biological Trace Element Research</i> , 2012, 145, 257-267. | 1.9 | 40 |
| 34 | 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 |
| 35 | Effects of a synthetic retinoid on skin structure, matrix metalloproteinases, and procollagen in healthy and high-risk subjects with diabetes. <i>Journal of Diabetes and Its Complications</i> , 2011, 25, 398-404. | 1.2 | 16 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | Human colon tissue in organ culture: calcium and multi-mineral-induced mucosal differentiation. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2011, 47, 32-38. | 0.7 | 16 |
| 38 | Calcium, calcium-sensing receptor and growth control in the colonic mucosa. <i>Histology and Histopathology</i> , 2011, 26, 769-79. | 0.5 | 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. | 3.5 | 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. | 3.5 | 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. | 1.5 | 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. | 1.1 | 6 |
| 43 | 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 |
| 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. | 0.8 | 76 |
| 45 | IL-1RL2 and Its Ligands Contribute to the Cytokine Network in Psoriasis. <i>Journal of Immunology</i> , 2010, 185, 4354-4362. | 0.4 | 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. | 3.5 | 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. | 1.3 | 29 |
| 49 | Impaired keratinocyte function on matrix metalloproteinase-1 (MMP-1) damaged collagen. <i>Archives of Dermatological Research</i> , 2009, 301, 497-506. | 1.1 | 14 |
| 50 | The GÄrttingen 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 |
| 51 | A combination of curcumin and ginger extract improves abrasion wound healing in corticosteroid-impaird hairless rat skin. <i>Wound Repair and Regeneration</i> , 2009, 17, 360-366. | 1.5 | 70 |
| 52 | Growth-inhibitory effects of a mineralized extract from the red marine algae, <i>Lithothamnion calcareum</i> , on Ca ²⁺ -sensitive and Ca ²⁺ -resistant human colon carcinoma cells. <i>Cancer Letters</i> , 2009, 283, 186-192. | 3.2 | 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. | 1.9 | 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. | 3.5 | 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. | 3.5 | 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. | 0.2 | 0 |
| 59 | MMPâ€™s Reduced in Organ Cultured Human Skin and Dermal Fibroblasts by Ginger and Curcumin. FASEB Journal, 2009, 23, 469.4. | 0.2 | 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. | 0.7 | 20 |
| 61 | Inhibition of retinoic acid-induced skin irritation in calorie-restricted mice. Archives of Dermatological Research, 2008, 300, 27-35. | 1.1 | 11 |
| 62 | MDI 301, a nonirritating retinoid, improves abrasion wound healing in damaged/atrophic skin. Wound Repair and Regeneration, 2008, 16, 117-124. | 1.5 | 24 |
| 63 | Mechanisms of neutrophil-mediated injury. Clinical and Experimental Immunology, 2008, 93, 2-2. | 1.1 | 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. | 1.3 | 17 |
| 65 | Looking Older. Archives of Dermatology, 2008, 144, 666-72. | 1.7 | 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. | 0.2 | 0 |
| 68 | MDI 301, A nonâ€™irritating retinoid, improves abrasion wound healing in both aged and diabetic skin. FASEB Journal, 2008, 22, 1121.3. | 0.2 | 0 |
| 69 | Determination of Rodent Tropoelastin in the Skin by Competitive ELISA. FASEB Journal, 2008, 22, 1121.4. | 0.2 | 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. | 0.9 | 41 |
| 71 | Improvement of Naturally Aged Skin With Vitamin A (Retinol). Archives of Dermatology, 2007, 143, 606-12. | 1.7 | 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. | 1.7 | 382 |

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|----|--|-----|-----------|
| 73 | 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 |
| 74 | 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 |
| 75 | Matrix metalloproteinase-3 (stromelysin-1) in acute inflammatory tissue injury. <i>Experimental and Molecular Pathology</i> , 2007, 83, 169-176. | 0.9 | 48 |
| 76 | MDI 301, a non-irritating retinoid, induces changes in human skin that underlie repair. <i>Archives of Dermatological Research</i> , 2007, 298, 439-448. | 1.1 | 19 |
| 77 | Thiazolidinediones: potential as therapeutics for psoriasis and perhaps other hyperproliferative skin disease. <i>Expert Opinion on Investigational Drugs</i> , 2006, 15, 1453-1468. | 1.9 | 15 |
| 78 | Decreased Collagen Production in Chronologically Aged Skin. <i>American Journal of Pathology</i> , 2006, 168, 1861-1868. | 1.9 | 640 |
| 79 | Pomegranate as a cosmeceutical source: Pomegranate fractions promote proliferation and procollagen synthesis and inhibit matrix metalloproteinase-1 production in human skin cells. <i>Journal of Ethnopharmacology</i> , 2006, 103, 311-318. | 2.0 | 164 |
| 80 | Matrix metalloproteinases and matrix metalloproteinase inhibitors in acute lung injury. <i>Human Pathology</i> , 2006, 37, 422-430. | 1.1 | 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. <i>Journal of Investigative Dermatology</i> , 2006, 126, 732-739. | 0.3 | 100 |
| 82 | 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 |
| 83 | 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 |
| 84 | 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 |
| 85 | 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 |
| 86 | 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 |
| 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. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 315, 996-1004. | 1.3 | 12 |
| 88 | 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 |
| 89 | Amphiregulin and Epidermal Hyperplasia. <i>American Journal of Pathology</i> , 2005, 166, 1009-1016. | 1.9 | 49 |
| 90 | Chapter 12 Endothelial cell injury and defense. <i>Advances in Molecular and Cell Biology</i> , 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). <i>Cancer Research</i> , 2005, 65, 493-8. | 0.4 | 107 |
| 92 | Epithelial cell invasion of the stroma in human skin organ culture. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 2989. | 3.0 | 4 |
| 93 | Reduced Fibroblast Interaction with Intact Collagen as a Mechanism for Depressed Collagen Synthesis in Photodamaged Skin. <i>Journal of Investigative Dermatology</i> , 2004, 122, 1471-1479. | 0.3 | 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. <i>Experimental and Molecular Pathology</i> , 2004, 76, 189-195. | 0.9 | 91 |
| 95 | Marasmius oreades lectin induces renal thrombotic microangiopathic lesions. <i>Experimental and Molecular Pathology</i> , 2004, 77, 77-84. | 0.9 | 19 |
| 96 | 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 |
| 97 | ?-Lipoic acid-based PPAR? agonists for treating inflammatory skin diseases. <i>Archives of Dermatological Research</i> , 2004, 296, 97-104. | 1.1 | 31 |
| 98 | Rosiglitazone Inhibits Proliferation, Motility, and Matrix Metalloproteinase Production in Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2004, 122, 130-139. | 0.3 | 54 |
| 99 | 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 |
| 100 | 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 |
| 101 | Separation of retinoid-induced epidermal and dermal thickening from skin irritation. <i>Archives of Dermatological Research</i> , 2003, 295, 255-262. | 1.1 | 26 |
| 102 | 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 |
| 103 | Collagen Degradation in Aged/Photodamaged Skin In Vivo and After Exposure to Matrix Metalloproteinase-1 In Vitro. <i>Journal of Investigative Dermatology</i> , 2003, 120, 842-848. | 0.3 | 213 |
| 104 | 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 |
| 105 | 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. | 1.3 | 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. <i>Cancer Research</i> , 2003, 63, 67-71. | 0.4 | 160 |
| 107 | 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 |
| 108 | Mechanisms of Photoaging and Chronological Skin Aging. <i>Archives of Dermatology</i> , 2002, 138, 1462-70. | 1.7 | 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. | 0.3 | 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. | 1.7 | 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. | 1.9 | 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. | 1.9 | 275 |
| 113 | The Role of Metalloelastase in Immune Complex-Induced Acute Lung Injury. <i>American Journal of Pathology</i> , 2001, 158, 2139-2144. | 1.9 | 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. | 0.3 | 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. | 1.7 | 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. | 1.4 | 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. | 0.3 | 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. | 0.3 | 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. | 1.3 | 15 |
| 120 | Troglitazone Improves Psoriasis and Normalizes Models of Proliferative Skin Disease. <i>Archives of Dermatology</i> , 2000, 136, 609-16. | 1.7 | 193 |
| 121 | ENDOTHELIAL CELL DETERMINANTS OF SUSCEPTIBILITY TO NEUTROPHIL-MEDIATED KILLING. <i>Shock</i> , 1999, 12, 111-117. | 1.0 | 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. | 1.4 | 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. | 1.4 | 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. | 1.9 | 34 |
| 126 | Role of ERK and JNK pathways in regulating cell motility and matrix metalloproteinase 9 production in growth factor-stimulated human epidermal keratinocytes. , 1999, 180, 271-284. | | 199 |

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|-----|---|------|-----------|
| 127 | 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 |
| 128 | Heterogeneity of Vascular Endothelial Cells: Differences in Susceptibility to Neutrophil-mediated Injury. <i>Microvascular Research</i> , 1998, 56, 203-211. | 1.1 | 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. <i>Pathobiology</i> , 1998, 66, 253-259. | 1.9 | 34 |
| 130 | Elaboration of Matrix Metalloproteinase Inhibitors by Human Skin in Organ Culture and by Skin Cells in Monolayer Culture: Relationship to Invasion. <i>Invasion & Metastasis</i> , 1998, 18, 27-34. | 0.5 | 14 |
| 131 | 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 |
| 132 | Pathophysiology of Premature Skin Aging Induced by Ultraviolet Light. <i>New England Journal of Medicine</i> , 1997, 337, 1419-1429. | 13.9 | 1,277 |
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