

# Molecular Mechanisms of Stress-Responsive Changes in Skin

Skin Pharmacology and Physiology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Simple Uniaxial and Uniform Biaxial Deformation of Nearly Isotropic Incompressible Tissues. Biophysical Journal, 1969, 9, 781-791.	0.2	37
2	Mechanical properties of the esophageal wall. Journal of Clinical Investigation, 1971, 50, 1456-1465.	3.9	48
3	Relation of sarcomere lengths to filling pressures in normal and hypertrophied hearts. The Bulletin of Mathematical Biophysics, 1971, 33, 203-214.	0.5	2
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5	Hysteretic behavior of soft living animal tissue. Annals of Biomedical Engineering, 1972, 1, 182-203.	1.3	15
6	Cumulative microdamage model to describe the hysteresis of living tissue. Annals of Biomedical Engineering, 1972, 1, 204-211.	1.3	27
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8	Ventricular and Arterial Wall Stresses Based on Large Deformation Analyses. Biophysical Journal, 1973, 13, 1141-1159.	0.2	118
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11	Large deformation analysis of some basic problems in biophysics. The Bulletin of Mathematical Biophysics, 1976, 38, 701-712.	0.5	85
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24	Effect of initial stresses on the wave propagation in arteries. Journal of Mathematical Biology, 1983, 18, 53-67.	0.8	15
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1888	Folate receptor targeting of radiolabeled liposomes reduces intratumoral liposome accumulation in human KB carcinoma xenografts. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 7647-7656.	3.3	15
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1895	Vinculin and the mechanical response of adherent fibroblasts to matrix deformation. <i>Scientific Reports</i> , 2018, 8, 17967.	1.6	14
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1912	Bimodal sensing of guidance cues in mechanically distinct microenvironments. <i>Nature Communications</i> , 2018, 9, 4891.	5.8	52
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1917	Stromal fibroblast activation protein alpha promotes gastric cancer progression via epithelial-mesenchymal transition through Wnt/ $\beta$ -catenin pathway. <i>BMC Cancer</i> , 2018, 18, 1099.	1.1	45
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1938	Antifibrogenic effect of melatonin in rats with experimental liver cirrhosis induced by carbon tetrachloride. <i>JGH Open</i> , 2018, 2, 117-123.	0.7	12
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1951	Endothelial cell activation on 3D-matrices derived from PDGF-BB-stimulated fibroblasts is mediated by Snail1. <i>Oncogenesis</i> , 2018, 7, 76.	2.1	25
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1956	A changing paradigm: management and treatment of the HCV/HIV-co-infected patient. <i>Hepatology International</i> , 2018, 12, 500-509.	1.9	17
1957	Frustrated endocytosis controls contractility-independent mechanotransduction at clathrin-coated structures. <i>Nature Communications</i> , 2018, 9, 3825.	5.8	88



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1961	Extracellular Interactions between Fibulins and Transforming Growth Factor (TGF)- $\beta$ 2 in Physiological and Pathological Conditions. International Journal of Molecular Sciences, 2018, 19, 2787.	1.8	42
1962	Oxidative Stress-Protective and Anti-Melanogenic Effects of Loliolide and Ethanol Extract from Fresh Water Green Algae, Prasiola japonica. International Journal of Molecular Sciences, 2018, 19, 2825.	1.8	24
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1978	Identification of grade and origin specific cell populations in serous epithelial ovarian cancer by single cell RNA-seq. <i>PLoS ONE</i> , 2018, 13, e0206785.	1.1	86
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1981	The past, present and future of protein-based materials. <i>Open Biology</i> , 2018, 8, .	1.5	73
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1987	Generation of a 3D Liver Model Comprising Human Extracellular Matrix in an Alginate/Gelatin-Based Bioink by Extrusion Bioprinting for Infection and Transduction Studies. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3129.	1.8	107
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2005	Chromatin de-condensation by switching substrate elasticity. <i>Scientific Reports</i> , 2018, 8, 12655.	1.6	14
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2007	Lysyl oxidase (LOX) limits VSMC proliferation and neointimal thickening through its extracellular enzymatic activity. <i>Scientific Reports</i> , 2018, 8, 13258.	1.6	13
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2020	The Interplay between Circulating Tumor Cells and the Immune System: From Immune Escape to Cancer Immunotherapy. <i>Diagnostics</i> , 2018, 8, 59.	1.3	57
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2024	Macrophages of distinct origins contribute to tumor development in the lung. <i>Journal of Experimental Medicine</i> , 2018, 215, 2536-2553.	4.2	203
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2027	Intermittent Hypoxia Mimicking Sleep Apnea Increases Passive Stiffness of Myocardial Extracellular Matrix. A Multiscale Study. <i>Frontiers in Physiology</i> , 2018, 9, 1143.	1.3	32
2028	Inhibitory Effect of <i>Opuntia humifusa</i> Fruit Water Extract on Solar Ultraviolet-Induced MMP-1 Expression. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2503.	1.8	11
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2198	TGF- $\beta$ 1-SOX9 axis-inducible COL10A1 promotes invasion and metastasis in gastric cancer via epithelial-to-mesenchymal transition. <i>Cell Death and Disease</i> , 2018, 9, 849.	2.7	128
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2502	Mechanical stresses associated with flattening of human femoropopliteal artery specimens during planar biaxial testing and their effects on the calculated physiologic stress "stretch state. <i>Biomechanics and Modeling in Mechanobiology</i> , 2019, 18, 1591-1605.	1.4	17
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2504	Interactions in the (Pre)metastatic Niche Support Metastasis Formation. <i>Frontiers in Oncology</i> , 2019, 9, 219.	1.3	104
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2512	Atomic Force Microscopy on Biological Materials Related to Pathological Conditions. <i>Scanning</i> , 2019, 2019, 1-25.	0.7	66
2513	Tumour-Derived Laminin $\alpha 5$ (LAMA5) Promotes Colorectal Liver Metastasis Growth, Branching Angiogenesis and Notch Pathway Inhibition. <i>Cancers</i> , 2019, 11, 630.	1.7	52
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2516	Finite element analysis for blood accumulation in intracerebral hemorrhage. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 4681-4686.	0.8	0

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2533	Molecular Mechanisms of Dermal Aging and Antiaging Approaches. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2126.	1.8	332
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2971	The Importance of Mechanical Forces for in vitro Endothelial Cell Biology. <i>Frontiers in Physiology</i> , 2020, 11, 684.	1.3	102
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2994	Engineering Gels with Time-Evolving Viscoelasticity. <i>Materials</i> , 2020, 13, 438.	1.3	17
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3056	A cell-centric view of lung alveologenesis. <i>Developmental Dynamics</i> , 2021, 250, 482-496.	0.8	23
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