Ulf Anderegg

List of Publications by Year
in descending order

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Version: 2024-02-01

43 papers	2,078 citations	236925 25 h-index	265206 42 g-index
43 all docs	43 docs citations	43 times ranked	3272 citing authors

#	Article	IF	Citations
1	Regenerative potential of glycosaminoglycans for skin and bone. Journal of Molecular Medicine, 2012, 90, 625-635.	3.9	161
2	Differential Regulation of Hyaluronan Metabolism in the Epidermal and Dermal Compartments of Human Skin by UVB Irradiation. Journal of Investigative Dermatology, 2007, 127, 687-697.	0.7	138
3	Human Thy-1 (CD90) on Activated Endothelial Cells Is a Counterreceptor for the Leukocyte Integrin Mac-1 (CD11b/CD18). Journal of Immunology, 2004, 172, 3850-3859.	0.8	130
4	Hyaluronan fragments induce cytokine and metalloprotease upregulation in human melanoma cells in part by signalling via TLR4. Experimental Dermatology, 2008, 17, 100-107.	2.9	121
5	Hyaluronan/collagen hydrogels containing sulfated hyaluronan improve wound healing by sustained release of heparin-binding EGF-like growth factor. Acta Biomaterialia, 2019, 86, 135-147.	8.3	113
6	Interaction of human Thy-1 (CD 90) with the integrin Î±vÎ²3 (CD51/CD61): an important mechanism mediating melanoma cell adhesion to activated endothelium. Oncogene, 2005, 24, 4710-4720.	5.9	91
7	Mapping heterogeneity in patient-derived melanoma cultures by single-cell RNA-seq. Oncotarget, 2017, 8, 846-862.	1.8	87
8	Thy-1 (CD90) promotes bone formation and protects against obesity. Science Translational Medicine, 2018, 10, .	12.4	76
9	Growth promoting substrates for human dermal fibroblasts provided by artificial extracellular matrices composed of collagen I and sulfated glycosaminoglycans. Biomaterials, 2011, 32, 8938-8946.	11.4	75
10	ADAM10 Is the Constitutive Functional Sheddase of CD44 in Human Melanoma Cells. Journal of Investigative Dermatology, 2009, 129, 1471-1482.	0.7	74
11	miR-638 promotes melanoma metastasis and protects melanoma cells from apoptosis and autophagy. Oncotarget, 2015, 6, 2966-2980.	1.8	72
12	More than just a filler â€“ the role of hyaluronan for skin homeostasis. Experimental Dermatology, 2014, 23, 295-303.	2.9	69
13	Topologically defined composites of collagen types I and V as in vitro cell culture scaffolds. Acta Biomaterialia, 2014, 10, 2693-2702.	8.3	60
14	Dermal Hyaluronan Is Rapidly Reduced by Topical Treatment with Glucocorticoids. Journal of Investigative Dermatology, 2010, 130, 141-149.	0.7	58
15	Dermal Fibroblasts Promote the Migration of Dendritic Cells. Journal of Investigative Dermatology, 2010, 130, 444-454.	0.7	58
16	TGFÎ² functionalized starPEG-heparin hydrogels modulate human dermal fibroblast growth and differentiation. Acta Biomaterialia, 2015, 25, 65-75.	8.3	55
17	Glycosaminoglycan derivatives: promising candidates for the design of functional biomaterials. Journal of Materials Science: Materials in Medicine, 2015, 26, 232.	3.6	53
18	Molecular weight specific impact of soluble and immobilized hyaluronan on CD44 expressing melanoma cells in 3D collagen matrices. Acta Biomaterialia, 2017, 50, 259-270.	8.3	53

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19	The interplay of fibronectin functionalization and TGF-Î²1 presence on fibroblast proliferation, differentiation and migration in 3D matrices. Biomaterials Science, 2015, 3, 1291-1301.	5.4	52
20	Fibroblast fate regulation by time dependent TGF-Î²1 and IL-10 stimulation in biomimetic 3D matrices. Biomaterials Science, 2017, 5, 1858-1867.	5.4	51
21	Artificial extracellular matrix composed of collagen I and highly sulfated hyaluronan interferes with TGFÎ²1 signaling and prevents TGFÎ²1-induced myofibroblast differentiation. Acta Biomaterialia, 2013, 9, 7775-7786.	8.3	49
22	Controlling the Balance of Fibroblast Proliferation and Differentiation: Impact of Thy-1. Journal of Investigative Dermatology, 2015, 135, 1893-1902.	0.7	44
23	Thyâ€1: more than a marker for mesenchymal stromal cells. FASEB Journal, 2019, 33, 6689-6696.	0.5	41
24	Anti-Inflammatory Action of Keratinocyte-Derived Vaspin. American Journal of Pathology, 2016, 186, 639-651.	3.8	33
25	Melanoma Cells Control HA Synthesis in Peritumoral Fibroblasts via PDGF-AA and PDGF-CC: Impact on Melanoma Cell Proliferation. Journal of Investigative Dermatology, 2012, 132, 385-393.	0.7	30
26	Suppression of hyaluronan synthase 2 expression reflects the atrophogenic potential of glucocorticoids. Experimental Dermatology, 2010, 19, 757-759.	2.9	28
27	Matrix Remodeling and Hyaluronan Production by Myofibroblasts and Cancer-Associated Fibroblasts in 3D Collagen Matrices. Gels, 2020, 6, 33.	4.5	23
28	3D Scaffoldâ€Based Macrophage Fibroblast Coculture Model Reveals ILâ€10 Dependence of Wound Resolution Phase. Advanced Biology, 2020, 4, e1900220.	3.0	23
29	Mimicking Paracrine TGFÎ²1 Signals during Myofibroblast Differentiation in 3D Collagen Networks. Scientific Reports, 2017, 7, 5664.	3.3	21
30	Biomimetic tissue models reveal the role of hyaluronan in melanoma proliferation and invasion. Biomaterials Science, 2020, 8, 1405-1417.	5.4	18
31	Polymer hydrogel particles as biocompatible AFM probes to study CD44/hyaluronic acid interactions on cells. Polymer, 2016, 102, 342-349.	3.8	16
32	Danger signal extracellular calcium initiates differentiation of monocytes into SPP1/osteopontin-producing macrophages. Cell Death and Disease, 2022, 13, 53.	6.3	15
33	Collagen/glycosaminoglycan-based matrices for controlling skin cell responses. Biological Chemistry, 2021, 402, 1325-1335.	2.5	14
34	Quantitative proteomics reveals altered expression of extracellular matrix related proteins of human primary dermal fibroblasts in response to sulfated hyaluronan and collagen applied as artificial extracellular matrix. Journal of Materials Science: Materials in Medicine, 2012, 23, 3053-3065.	3.6	13
35	Artificial extracellular matrices support cell growth and matrix synthesis of human dermal fibroblasts in macroporous 3D scaffolds. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1390-1402.	2.7	13
36	Thy-1 Deficiency Augments Bone Loss in Obesity by Affecting Bone Formation and Resorption. Frontiers in Cell and Developmental Biology, 2018, 6, 127.	3.7	13

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37	Thy-1/Î²3 Integrin Interaction-Induced Apoptosis of Dermal Fibroblasts Is Mediated by Up-Regulation of FasL Expression. Journal of Investigative Dermatology, 2016, 136, 526-529.	0.7	11
38	Sulfated hyaluronic acid inhibits the hyaluronidase CEMIP and regulates the HA metabolism, proliferation and differentiation of fibroblasts. Matrix Biology, 2022, 109, 173-191.	3.6	10
39	Orf virus infection of human keratinocytes and dermal fibroblasts: Limited virus detection and interference with intercellular adhesion moleculeâ€1 upâ€regulation. Experimental Dermatology, 2019, 28, 142-151.	2.9	9
40	Protease-Triggered Release of Stabilized CXCL12 from Coated Scaffolds in an Ex Vivo Wound Model. Pharmaceutics, 2021, 13, 1597.	4.5	3
41	Minocycline does not alter collagen type I metabolism of dermal fibroblasts in culture. Archives of Dermatological Research, 2002, 294, 103-108.	1.9	2
42	Influence of hyaluronic acid binding on the actin cortex measured by optical forces. Journal of Biophotonics, 2020, 13, e201960215.	2.3	2
43	Protease-Triggered Release of Stabilized CXCL12 from Coated Biomaterials for Improved Implant Integration and Wound Healing. SSRN Electronic Journal, 0, , .	0.4	0