LukÃ¡Å¡ Lacina

List of Publications by Year
in descending order

53 papers	1,662 citations	361413 20 h-index	302126 39 g-index
54 all docs	54 docs citations	54 times ranked	2422 citing authors

#	Article	IF	Citations
1	Germline NLRP1 Mutations Cause Skin Inflammatory and Cancer Susceptibility Syndromes via Inflammasome Activation. Cell, 2016, 167, 187-202.e17.	28.9	317
2	Melanoma cells influence the differentiation pattern of human epidermal keratinocytes. Molecular Cancer, 2015, 14, 1.	19.2	178
3	Ageing as an Important Risk Factor for Cancer. Anticancer Research, 2016, 36, 5009-5018.	1.1	95
4	Simultaneous blocking of IL-6 and IL-8 is sufficient to fully inhibit CAF-induced human melanoma cell invasiveness. Histochemistry and Cell Biology, 2016, 146, 205-217.	1.7	74
5	Upregulation of ILâ€6, ILâ€8 and CXCLâ€1 production in dermal fibroblasts by normal/malignant epithelial cells in vitro: Immunohistochemical and transcriptomic analyses. Biology of the Cell, 2012, 104, 738-751.	2.0	71
6	Human Galectins Induce Conversion of Dermal Fibroblasts into Myofibroblasts and Production of Extracellular Matrix: Potential Application in Tissue Engineering and Wound Repair. Cells Tissues Organs, 2011, 194, 469-480.	2.3	58
7	Cancer Microenvironment: What Can We Learn from the Stem Cell Niche. International Journal of Molecular Sciences, 2015, 16, 24094-24110.	4.1	54
8	Two-year follow-up of two patients after severe thallium intoxication. Human and Experimental Toxicology, 2009, 28, 263-272.	2.2	51
9	Stromal fibroblasts from basal cell carcinoma affect phenotype of normal keratinocytes. British Journal of Dermatology, 2007, 156, 819-829.	1.5	45
10	Interleukin-6: Molecule in the Intersection of Cancer, Ageing and COVID-19. International Journal of Molecular Sciences, 2020, 21, 7937.	4.1	45
11	Head and neck squamous cancer stromal fibroblasts produce growth factors influencing phenotype of normal human keratinocytes. Histochemistry and Cell Biology, 2010, 133, 201-211.	1.7	43
12	The Head and Neck Squamous Cell Carcinoma Microenvironment as a Potential Target for Cancer Therapy. Cancers, 2019, 11, 440.	3.7	43
13	Functional differences between neonatal and adult fibroblasts and keratinocytes: Donor age affects epithelial-mesenchymal crosstalk in vitro. International Journal of Molecular Medicine, 2016, 38, 1063-1074.	4.0	35
14	Skin aging: the dermal perspective. Clinics in Dermatology, 2019, 37, 326-335.	1.6	33
15	Marker profiling of normal keratinocytes identifies the stroma from squamous cell carcinoma of the oral cavity as a modulatory microenvironment in co-culture. International Journal of Radiation Biology, 2007, 83, 837-848.	1.8	29
16	Fibroblasts potentiate melanoma cells in vitro invasiveness induced by UV-irradiated keratinocytes. Histochemistry and Cell Biology, 2018, 149, 503-516.	1.7	27
17	Interleukin-6: a molecule with complex biological impact in cancer. Histology and Histopathology, 2019, 34, 125-136.	0.7	26
18	Mouse 3T3 fibroblasts under the influence of fibroblasts isolated from stroma of human basal cell carcinoma acquire properties of multipotent stem cells. Biology of the Cell, 2011, 103, 233-248.	2.0	23

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19	Intercellular crosstalk in human malignant melanoma. Protoplasma, 2017, 254, 1143-1150.	2.1	23
20	Evolution of Cancer Progression in the Context of Darwinism. Anticancer Research, 2019, 39, 1-16.	1.1	23
21	Fibroblasts prepared from different types of malignant tumors stimulate expression of luminal marker keratin 8 in the EM-G3 breast cancer cell line. Histochemistry and Cell Biology, 2012, 137, 679-685.	1.7	22
22	The Abscopal Effect in the Era of Checkpoint Inhibitors. International Journal of Molecular Sciences, 2021, 22, 7204.	4.1	22
23	Microenvironmentâ€'driven resistance to Bâ€'Raf inhibition in a melanoma patient is accompanied by broad changes of gene methylation and expression in distal fibroblasts. International Journal of Molecular Medicine, 2018, 41, 2687-2703.	4.0	21
24	Isolation of Normal Fibroblasts and Their Cancer-Associated Counterparts (CAFs) for Biomedical Research. Methods in Molecular Biology, 2018, 1879, 393-406.	0.9	20
25	Single-Cell RNA Sequencing Unravels Heterogeneity of the Stromal Niche in Cutaneous Melanoma Heterogeneous Spheroids. Cancers, 2020, 12, 3324.	3.7	19
26	Analysis of dermal fibroblasts isolated from neonatal and child cleft lip and adult skin: Developmental implications on reconstructive surgery. International Journal of Molecular Medicine, 2017, 40, 1323-1334.	4.0	17
27	Exosomes produced by melanoma cells significantly influence the biological properties of normal and cancer-associated fibroblasts. Histochemistry and Cell Biology, 2022, 157, 153-172.	1.7	17
28	Cancer-Associated Fibroblasts Influence the Biological Properties of Malignant Tumours via Paracrine Secretion and Exosome Production. International Journal of Molecular Sciences, 2022, 23, 964.	4.1	17
29	Transient expression of keratin 19 is induced in originally negative interfollicular epidermal cells by adhesion of suspended cells. International Journal of Molecular Medicine, 2005, 16, 525-31.	4.0	17
30	Epithelial-stromal interaction in squamous cell epithelium-derived tumors: an important new player in the control of tumor biological properties. Anticancer Research, 2010, 30, 455-62.	1.1	16
31	Ecology of melanoma cell. Histology and Histopathology, 2018, 33, 247-254.	0.7	15
32	Immunocyto- and histochemical profiling of nucleostemin expression: Marker of epidermal stem cells?. Journal of Dermatological Science, 2006, 44, 73-80.	1.9	14
33	Estrogen Receptor Modulators in Viral Infections Such as SARSâ^'CoVâ^'2: Therapeutic Consequences. International Journal of Molecular Sciences, 2021, 22, 6551.	4.1	14
34	Cutaneous melanoma dissemination is dependent on the malignant cell properties and factors of intercellular crosstalk in the cancer microenvironment (Review). International Journal of Oncology, 2020, 57, 619-630.	3.3	14
35	Serum proteomic analysis of melanoma patients with immunohistochemical profiling of primary melanomas and cultured cells: Pilot study. Oncology Reports, 2019, 42, 1793-1804.	2.6	13
36	IL-6 in the Ecosystem of Head and Neck Cancer: Possible Therapeutic Perspectives. International Journal of Molecular Sciences, 2021, 22, 11027.	4.1	13

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37	Cultivation-dependent plasticity of melanoma phenotype. Tumor Biology, 2013, 34, 3345-3355.	1.8	11
38	Pediatric Inflammatory Multisystem Syndrome (PIMS) â€“ Potential role for cytokines such Is IL-6. Physiological Research, 2021, 70, 153-159.	0.9	11
39	Human galectin-2: nuclear presence in vitro and its modulation by quiescence/stress factors. Histology and Histopathology, 2008, 23, 167-78.	0.7	11
40	Assays to Study Consequences of Cytoplasmic Intermediate Filament Mutations. Methods in Enzymology, 2016, 568, 219-253.	1.0	9
41	Analysis of HPV-Positive and HPV-Negative Head and Neck Squamous Cell Carcinomas and Paired Normal Mucosae Reveals Cyclin D1 Deregulation and Compensatory Effect of Cyclin D2. Cancers, 2020, 12, 792.	3.7	9
42	Trichophyton rubrum suppurative tinea of the bald area of the scalp. Mycoses, 2011, 54, 84-86.	4.0	8
43	Desmoplastic Crosstalk in Pancreatic Ductal Adenocarcinoma Is Reflected by Different Responses of Panc-1, MIAPaCa-2, PaTu-8902, and CAPAN-2 Cell Lines to Cancer-associated/Normal Fibroblasts. Cancer Genomics and Proteomics, 2021, 18, 221-243.	2.0	8
44	Targeted Therapies for Melanoma. Cancers, 2020, 12, 2494.	3.7	7
45	Phenotypic characterization of human keratinocytes in coculture reveals differential effects of fibroblasts from benign fibrous histiocytoma (dermatofibroma) as compared to cells from its malignant form and to normal fibroblasts. Journal of Dermatological Science, 2009, 55, 18-26.	1.9	5
46	Human hair follicle and interfollicular keratinocyte reactivity to mouse HPV16-transformed cells: an in vitro study. Oncology Reports, 2008, 20, 75-80.	2.6	5
47	Human hair follicle and interfollicular keratinocyte reactivity to mouse HPV16-transformed cells: An in vitro study. Oncology Reports, 0, , .	2.6	4
48	Influence of the pre-exposure of a Zn-0.8Mg-0.2Sr absorbable alloy in bovine serum albumin containing media on its surface changes and their impact on the cytocompatibility of the material. Materials Today Communications, 2021, 28, 102556.	1.9	4
49	Melanoma xenotransplant on the chicken chorioallantoic membrane: a complex biological model for the study of cancer cell behaviour. Histochemistry and Cell Biology, 2020, 154, 177-188.	1.7	3
50	Fibroblasts as Drivers of Healing and Cancer Progression:From In vitro Experiments to Clinics. , 2016, , 121-138.		1
51	LB1543 Comprehensive molecular analysis of 61 epidermolysis bullosa families from Singapore and Malaysia. Journal of Investigative Dermatology, 2018, 138, B13.	0.7	0
52	Influence of tumor stroma on normal keratinocyte marker profile. FASEB Journal, 2008, 22, 978.2.	0.5	0
53	Abstract B26: Melanoma cells induce stem cells like fenotype of normal human keratinocytes. , 2013, , .		0