Silvya Stuchi Maria Engler

List of Publications by Year
in descending order

99 papers	2,412 citations	172386 29 h-index	243529 44 g-index
102 all docs	102 docs citations	102 times ranked	4228 citing authors

#	Article	IF	Citations
1	Kynurenine inhibits melanogenesis in human melanocyteâ€keratinocyte coâ€cultures and in a reconstructed 3D skin model. Experimental Dermatology, 2022, 31, 427-432.	1.4	3
2	Upregulation of the novel lncRNA U731166 is associated with migration, invasion and vemurafenib resistance in melanoma. Journal of Cellular and Molecular Medicine, 2022, 26, 671-683.	1.6	6
3	Redox-Related Proteins in Melanoma Progression. Antioxidants, 2022, 11, 438.	2.2	12
4	Immortalized keratinocytes cells generates an effective model of Epidermal Human Equivalent for irritation and corrosion tests. Toxicology in Vitro, 2021, 71, 105069.	1.1	2
5	Skin Equivalent Models: Protocols for In Vitro Reconstruction for Dermal Toxicity Evaluation. Methods in Molecular Biology, 2021, 2240, 31-41.	0.4	4
6	Anhydroecgonine methyl ester, a cocaine pyrolysis product, contributes to cocaine-induced rat primary hippocampal neuronal death in a synergistic and time-dependent manner. Archives of Toxicology, 2021, 95, 1779-1791.	1.9	4
7	In Vitro Evaluation of the Photoprotective Potential of Quinolinic Alkaloids Isolated from the Antarctic Marine Fungus Penicillium echinulatum for Topical Use. Marine Biotechnology, 2021, 23, 357-372.	1.1	11
8	Glutamic acid promotes hair growth in mice. Scientific Reports, 2021, 11, 15453.	1.6	15
9	Nanostructured lipid carriers enhances the safety profile of tretinoin: in vitro and healthy human volunteersâ€™ studies. Nanomedicine, 2021, 16, 1391-1409.	1.7	5
10	TOP1 modulation during melanoma progression and in adaptative resistance to BRAF and MEK inhibitors. Pharmacological Research, 2021, 173, 105911.	3.1	5
11	Quercetin increases mitochondrial proteins (VDAC and SDH) and downmodulates AXL and PIM-1 tyrosine kinase receptors in NRAS melanoma cells. Biological Chemistry, 2021, .	1.2	0
12	Xanthan gum-based hydrogel containing nanocapsules for cutaneous diphenyl diselenide delivery in melanoma therapy. Investigational New Drugs, 2020, 38, 662-674.	1.2	31
13	Immortalized equivalent human epidermis as a platform to evaluation hair dyes toxicity: Efficiency comparison between 3D and monolayer culture. Chemico-Biological Interactions, 2020, 330, 109227.	1.7	2
14	Toxicity of topically applied drugs beyond skin irritation: Static skin model vs. Two organs-on-a-chip. International Journal of Pharmaceutics, 2020, 589, 119788.	2.6	21
15	Effect of nanoemulsion modification with chitosan and sodium alginate on the topical delivery and efficacy of the cytotoxic agent piplartine in 2D and 3D skin cancer models. International Journal of Biological Macromolecules, 2020, 165, 1055-1065.	3.6	30
16	Survivin modulation in the antimelanoma activity of prodiginines. European Journal of Pharmacology, 2020, 888, 173465.	1.7	13
17	Development of Epidermal Equivalent from Electrospun Synthetic Polymers for In Vitro Irritation/Corrosion Testing. Nanomaterials, 2020, 10, 2528.	1.9	6
18	Indoleamine 2,3-dioxygenase in melanoma progression and BRAF inhibitor resistance. Pharmacological Research, 2020, 159, 104998.	3.1	10

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19	Targeting mitochondria in melanoma: Interplay between MAPK signaling pathway and mitochondrial dynamics. Biochemical Pharmacology, 2020, 178, 114104.	2.0	15
20	Tumor Models and Cancer Systems Biology for the Investigation of Anticancer Drugs and Resistance Development. Handbook of Experimental Pharmacology, 2020, 265, 269-301.	0.9	2
21	Advanced Glycation End Product Inhibition by Alkaloids from Ocotea paranapiacabensis for the Prevention of Skin Aging. Journal of Natural Products, 2020, 83, 649-656.	1.5	13
22	Skin Irritation Testing beyond Tissue Viability: Fucoxanthin Effects on Inflammation, Homeostasis, and Metabolism. Pharmaceutics, 2020, 12, 136.	2.0	30
23	Fucoxanthin for Topical Administration, a Phototoxic vs. Photoprotective Potential in a Tiered Strategy Assessed by In Vitro Methods. Antioxidants, 2020, 9, 328.	2.2	30
24	In vivo antitumoral effect of 4-nerolidylcatechol (4-NC) in NRAS-mutant human melanoma. Food and Chemical Toxicology, 2020, 141, 111371.	1.8	2
25	Air Particulate Matter Induces Skin Barrier Dysfunction and Water Transport Alteration on a Reconstructed Human Epidermis Model. Journal of Investigative Dermatology, 2020, 140, 2343-2352.e3.	0.3	21
26	Metalloproteinases Suppression Driven by the Curcumin Analog DM-1 Modulates Invasion in BRAF-Resistant Melanomas. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 1038-1050.	0.9	4
27	Melatonin inhibits human melanoma cells proliferation and invasion via cell cycle arrest and cytoskeleton remodeling. Melatonin Research, 2020, 3, 194-209.	0.7	12
28	Pioglitazone-Mediated Attenuation of Experimental Colitis Relies on Cleaving of Annexin A1 Released by Macrophages. Frontiers in Pharmacology, 2020, 11, 591561.	1.6	8
29	Indoleamine 2,3â€dioxygenase and tryptophan 2,3â€dioxygenase expression in HPV infection, SILs, and cervical cancer. Cancer Cytopathology, 2019, 127, 586-597.	1.4	19
30	Propolis Reduces the Expression of Autophagy-Related Proteins in Chondrocytes under Interleukin-1Î² Stimulus. International Journal of Molecular Sciences, 2019, 20, 3768.	1.8	8
31	Topical formulation of quercetin encapsulated in natural lipid nanocarriers: Evaluation of biological properties and phototoxic effect. Journal of Drug Delivery Science and Technology, 2019, 53, 101148.	1.4	22
32	Leveraging transcriptional dynamics to improve BRAF inhibitor responses in melanoma. EBioMedicine, 2019, 48, 178-190.	2.7	66
33	HDAC Inhibition Enhances the In Vivo Efficacy of MEK Inhibitor Therapy in Uveal Melanoma. Clinical Cancer Research, 2019, 25, 5686-5701.	3.2	75
34	ER stress promotes antitumor effects in BRAFi/MEKi resistant human melanoma induced by natural compound 4-nerolidylcathecol (4-NC). Pharmacological Research, 2019, 141, 63-72.	3.1	14
35	Protein Disulfide Isomerase: A novel potential therapeutic opportunity for melanoma. FASEB Journal, 2019, 33, lb95.	0.2	1
36	Artepillin C Induces Selective Oxidative Stress and Inhibits Migration and Invasion in a Comprehensive Panel of Human Cervical Cancer Cell Lines. Anti-Cancer Agents in Medicinal Chemistry, 2019, 18, 1750-1760.	0.9	11

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37	Abstract 378: HDAC inhibition enhances MEK antagonist therapy in uveal melanoma through combined blockade of YAP, AKT and RTK signaling. , 2019, , .		0
38	Connections of annexin A1 and translocator protein-18â€¯kDa on toll like receptor stimulated BV-2 cells. Experimental Cell Research, 2018, 367, 282-290.	1.2	7
39	Allergens of permanent hair dyes induces epidermal damage, skin barrier loss and IL-1 Î± increase in epidermal in vitro model. Food and Chemical Toxicology, 2018, 112, 265-272.	1.8	12
40	Skin corrosion test: a comparison between reconstructed human epidermis and full thickness skin models. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 125, 51-57.	2.0	26
41	Targeting protein disulfide isomerase to overcome resistance to BRAF inhibitors in melanoma. Free Radical Biology and Medicine, 2018, 128, S62.	1.3	2
42	4-Nerolidylcatechol induces autophagy in human glioblastoma cells. Brazilian Journal of Pharmaceutical Sciences, 2018, 53, .	1.2	2
43	Assessing the effects of advanced glycation end products in the skin. British Journal of Dermatology, 2017, 176, 12-13.	1.4	1
44	Inhibition of proliferation and invasion in 2D and 3D models by 2-methoxyestradiol in human melanoma cells. Pharmacological Research, 2017, 119, 242-250.	3.1	32
45	542 Evaluation of native and non-native bio-inks for 3D printing of human tissues. Journal of Investigative Dermatology, 2017, 137, S94.	0.3	0
46	A new reconstructed human epidermis for in vitro skin irritation testing. Toxicology in Vitro, 2017, 42, 31-37.	1.1	51
47	Improved tympanic membrane regeneration after myringoplastic surgery using an artificial biograft. Materials Science and Engineering C, 2017, 73, 48-58.	3.8	20
48	Toxicogenomic and bioinformatics platforms to identify key molecular mechanisms of a curcumin-analogue DM-1 toxicity in melanoma cells. Pharmacological Research, 2017, 125, 178-187.	3.1	15
49	Co-encapsulation of paclitaxel and C6 ceramide in tributyrin-containing nanocarriers improve co-localization in the skin and potentiate cytotoxic effects in 2D and 3D models. European Journal of Pharmaceutical Sciences, 2017, 109, 131-143.	1.9	46
50	Molecular effects of 1-naphthyl-methylcarbamate and solar radiation exposures on human melanocytes. Toxicology in Vitro, 2017, 38, 67-76.	1.1	3
51	Methyl-Î²-cyclodextrin treatment combined to incubation with interleukin-4 reproduces major features of atopic dermatitis in a 3D-culture model. Archives of Dermatological Research, 2017, 309, 63-69.	1.1	16
52	Targeting the hedgehog transcription factors GLI1 and GLI2 restores sensitivity to vemurafenib-resistant human melanoma cells. Oncogene, 2017, 36, 1849-1861.	2.6	75
53	Oxidative Stress Triggered by Apigenin Induces Apoptosis in a Comprehensive Panel of Human Cervical Cancer-Derived Cell Lines. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-18.	1.9	64
54	Abstract 5341: HPV16 E6 oncoprotein modulates the DPPIV/CD26 in primary keratinocytes. , 2017, , .		0

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55	LINE-1 hypomethylation and mutational status in cutaneous melanomas. Journal of Investigative Medicine, 2016, 64, 899-904.	0.7	10
56	Anti-wrinkle and anti-whitening effects of jucÃ¡ (Libidibia ferrea Mart.) extracts. Archives of Dermatological Research, 2016, 308, 643-654.	1.1	29
57	Vemurafenib resistance increases melanoma invasiveness and modulates the tumor microenvironment by MMP-2 upregulation. Pharmacological Research, 2016, 111, 523-533.	3.1	70
58	Ozone Gas as a Benign Sterilization Treatment for PLGA Nanofiber Scaffolds. Tissue Engineering - Part C: Methods, 2016, 22, 338-347.	1.1	21
59	Abstract 4669: Targeting hedgehog transcription factors GLI1 and GLI2 restores sensitivity to vemurafenib-resistant human melanoma cells. , 2016, , .		2
60	Curcumin Analog DM-1 in Monotherapy or Combinatory Treatment with Dacarbazine as a Strategy to Inhibit In Vivo Melanoma Progression. PLoS ONE, 2015, 10, e0118702.	1.1	24
61	DNA Methylation Levels of Melanoma Risk Genes Are Associated with Clinical Characteristics of Melanoma Patients. BioMed Research International, 2015, 2015, 1-8.	0.9	17
62	Glycated Reconstructed Human Skin as a Platform to Study the Pathogenesis of Skin Aging. Tissue Engineering - Part A, 2015, 21, 2417-2425.	1.6	54
63	Three-Dimensional Systems in Polybutylcyanoacrylate Nanoparticles Safety Evaluation. International Journal of Polymeric Materials and Polymeric Biomaterials, 2015, 64, 695-707.	1.8	1
64	The oxidation of p-phenylenediamine, an ingredient used for permanent hair dyeing purposes, leads to the formation of hydroxyl radicals: Oxidative stress and DNA damage in human immortalized keratinocytes. Toxicology Letters, 2015, 239, 194-204.	0.4	46
65	MMP-9/RECK Imbalance: A Mechanism Associated with High-Grade Cervical Lesions and Genital Infection by Human Papillomavirus and Chlamydia trachomatis. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1539-1547.	1.1	28
66	Sensitive Simultaneous Detection of Seven Sexually Transmitted Agents in Semen by Multiplex-PCR and of HPV by Single PCR. PLoS ONE, 2014, 9, e98862.	1.1	57
67	Melanin Photosensitization and the Effect of Visible Light on Epithelial Cells. PLoS ONE, 2014, 9, e113266.	1.1	92
68	Inhibition of autophagy enhances the effects of the <scp>AKT</scp> inhibitor <scp>MK</scp>â€2206 when combined with paclitaxel and carboplatin in <scp>BRAF</scp> wildâ€type melanoma. Pigment Cell and Melanoma Research, 2014, 27, 465-478.	1.5	50
69	MMPâ€9 expression increases according to the grade of squamous intraepithelial lesion in cervical smears. Diagnostic Cytopathology, 2014, 42, 827-833.	0.5	10
70	Basic Red 51, a permitted semi-permanent hair dye, is cytotoxic to human skin cells: Studies in monolayer and 3D skin model using human keratinocytes (HaCaT). Toxicology Letters, 2014, 227, 139-149.	0.4	30
71	Human leukocyte antigen (HLA)-G and cervical cancer immunoediting: A candidate molecule for therapeutic intervention and prognostic biomarker?. Biochimica Et Biophysica Acta: Reviews on Cancer, 2014, 1846, 576-589.	3.3	25
72	Fibroblasts Protect Melanoma Cells from the Cytotoxic Effects of Doxorubicin. Tissue Engineering - Part A, 2014, 20, 2412-2421.	1.6	40

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73	Male infertility: a public health issue caused by sexually transmitted pathogens. Nature Reviews Urology, 2014, 11, 672-687.	1.9	168
74	Abstract 809: BRAF wild-type melanoma survival hinges upon AKT activity and adaptive autophagic reprogramming in response to chemotherapy. , 2014, , .		1
75	The curcumin analog DM-1 induces apoptotic cell death in melanoma. Tumor Biology, 2013, 34, 1119-1129.	0.8	20
76	The expanding roles of 1â€methylâ€tryptophan (1â€<scp>MT</scp>): in addition to inhibiting kynurenine production, 1â€<scp>MT</scp> activates the synthesis of melatonin in skin cells. FEBS Journal, 2013, 280, 4782-4792.	2.2	27
77	Cell cycle arrest, extracellular matrix changes and intrinsic apoptosis in human melanoma cells are induced by Boron Neutron Capture Therapy. Toxicology in Vitro, 2013, 27, 1196-1204.	1.1	13
78	Senescent Fibroblasts in Melanoma Initiation and Progression: An Integrated Theoretical, Experimental, and Clinical Approach. Cancer Research, 2013, 73, 6874-6885.	0.4	51
79	Dual Effect of Serum Amyloid A on the Invasiveness of Glioma Cells. Mediators of Inflammation, 2013, 2013, 1-10.	1.4	33
80	Apoptosis through Bcl-2/Bax and Cleaved Caspase Up-Regulation in Melanoma Treated by Boron Neutron Capture Therapy. PLoS ONE, 2013, 8, e59639.	1.1	25
81	Boron uptake in normal melanocytes and melanoma cells and boron biodistribution study in mice bearing B16F10 melanoma for boron neutron capture therapy. Radiation and Environmental Biophysics, 2012, 51, 319-329.	0.6	6
82	HPV16 Oncoproteins Induce MMPs/RECK-TIMP-2 Imbalance in Primary Keratinocytes: Possible Implications in Cervical Carcinogenesis. PLoS ONE, 2012, 7, e33585.	1.1	49
83	Proteasome inhibition and ROS generation by 4â€nerolidylcatechol induces melanoma cell death. Pigment Cell and Melanoma Research, 2012, 25, 354-369.	1.5	32
84	Toxicology in the 21st Century. Brazilian Journal of Pharmaceutical Sciences, 2012, 48, 5-5.	1.2	0
85	Artificial skin in perspective: concepts and applications. Pigment Cell and Melanoma Research, 2011, 24, 35-50.	1.5	185
86	RECKâ€mediated inhibition of glioma migration and invasion. Journal of Cellular Biochemistry, 2010, 110, 52-61.	1.2	33
87	Novel Primate-Specific Genes, RMEL 1, 2 and 3, with Highly Restricted Expression in Melanoma, Assessed by New Data Mining Tool. PLoS ONE, 2010, 5, e13510.	1.1	19
88	Apoptosis induction by 4-nerolidylcatechol in melanoma cell lines. Toxicology in Vitro, 2009, 23, 111-119.	1.1	36
89	Higher expression and activity of metalloproteinases in human cervical carcinoma cell lines is associated with HPV presence. Biochemistry and Cell Biology, 2006, 84, 713-719.	0.9	37
90	Downregulation of theRECK-tumor and metastasis suppressor gene in glioma invasiveness. Journal of Cellular Biochemistry, 2006, 99, 156-167.	1.2	26

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91	Co-localization of nestin and insulin and expression of islet cell markers in long-term human pancreatic nestin-positive cell cultures. Journal of Endocrinology, 2004, 183, 455-467.	1.2	32
92	Mitogenic Effects of Brazilian Arthropod Venom on Isolated Islet Beta Cells: In Vitro Morphologic Ultrastructural and Functional Studies. Journal of Investigative Medicine, 2003, 51, 79-85.	0.7	3
93	Transcriptional control of the RECK metastasis/angiogenesis suppressor gene. Cancer Detection and Prevention, 2002, 26, 435-443.	2.1	49
94	Microencapsulation and tissue engineering as an alternative treatment of diabetes. Brazilian Journal of Medical and Biological Research, 2001, 34, 691-697.	0.7	29
95	Cell death and survival alterations in Malpighian tubules of Triatoma infestans following heat shock. Biochemistry and Cell Biology, 2001, 79, 709-717.	0.9	1
96	DNA Fragmentation in Programmed Cell Death in Nucleate Erythrocytes. A Cytochemical Analysis.. Acta Histochemica Et Cytochemica, 2000, 33, 355-359.	0.8	3
97	Heat shock-induced apoptosis in germ line cells of Triatoma infestans Klug. Genetics and Molecular Biology, 2000, 23, 301-304.	0.6	3
98	Image analysis of DNA fragmentation and loss in V79 cells under apoptosis. Genetics and Molecular Biology, 2000, 23, 109-112.	0.6	12
99	Critical Electrolyte Concentration of Chicken Erythrocyte Chromatin.. Acta Histochemica Et Cytochemica, 1999, 32, 73-76.	0.8	6