JesÃºs Espada

List of Publications by Year
in descending order

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61	5,762	147801	133252
papers	citations	31 h-index	59 g-index

63	63	63	8390
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Melanin-Binding Colorants: Updating Molecular Modeling, Staining and Labeling Mechanisms, and Biomedical Perspectives. Colorants, 2022, 1, 91-120.	1.5	2
2	A Photodynamic Tool to Promote a Sustained, ROS-Dependent Growth of Human Hair Follicles in Ex Vivo Culture. Methods in Molecular Biology, 2021, 2202, 51-61.	0.9	1
3	The deleterious effects induced by an acute exposure of human skin to common air pollutants are prevented by extracts of Deschampsia antarctica. Scientific Reports, 2021, 11, 23751.	3.3	2
4	Fluorescent redox-dependent labeling of lipid droplets in cultured cells by reduced phenazine methosulfate. Heliyon, 2020, 6, e04182.	3.2	6
5	Stimulation of Stem Cell Niches and Tissue Regeneration in Mouse Skin by Switchable Protoporphyrin IX-Dependent Photogeneration of Reactive Oxygen Species In Situ. Journal of Visualized Experiments, 2020, , .	0.3	2
6	Intrinsic activation of cell growth and differentiation in ex vivo cultured human hair follicles by a transient endogenous production of ROS. Scientific Reports, 2019, 9, 4509.	3.3	8
7	Sustained Human Hair Follicle Growth Ex Vivo in a Glycosaminoglycan Hydrogel Matrix. International Journal of Molecular Sciences, 2019, 20, 1741.	4.1	7
8	A role for the Tgf-Î²/Bmp co-receptor Endoglin in the molecular oscillator that regulates the hair follicle cycle. Journal of Molecular Cell Biology, 2019, 11, 39-52.	3.3	27
9	An Update on Src Family of Nonreceptor Tyrosine Kinases Biology. International Review of Cell and Molecular Biology, 2017, 331, 83-122.	3.2	58
10	Switching on a transient endogenous ROS production in mammalian cells and tissues. Methods, 2016, 109, 180-189.	3.8	23
11	In situ production of ROS in the skin by photodynamic therapy as a powerful tool in clinical dermatology. Methods, 2016, 109, 190-202.	3.8	39
12	Epigenetic inactivation of the p53-induced long noncoding RNA TP53 target 1 in human cancer. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7535-E7544.	7.1	140
13	Current methods to unravel ROS biology. Methods, 2016, 109, 1-2.	3.8	3
14	Antiandrogenic drugs, a therapeutic option for frontal fibrosing alopecia patients. Journal of the American Academy of Dermatology, 2016, 74, e77.	1.2	11
15	Photoactivation of ROS Production In Situ Transiently Activates Cell Proliferation in Mouse Skin and in the Hair Follicle Stem Cell Niche Promoting Hair Growth and Wound Healing. Journal of Investigative Dermatology, 2015, 135, 2611-2622.	0.7	66
16	Nuevos modelos experimentales para el estudio de la homeostasis y la enfermedad cutÃ¡nea. Actas Dermo-sifiliogrÃ¡ficas, 2015, 106, 17-28.	0.4	5
17	Cryptomphalus aspersa mollusc eggs extract promotes migration and prevents cutaneous ageing in keratinocytes and dermal fibroblasts in vitro. International Journal of Cosmetic Science, 2015, 37, 41-55.	2.6	18
18	Cellular Intrinsic Factors Involved in the Resistance of Squamous Cell Carcinoma to Photodynamic Therapy. Journal of Investigative Dermatology, 2014, 134, 2428-2437.	0.7	42

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19	Standard DNA Methylation Analysis in Mouse Epidermis: Bisulfite Sequencing, Methylation-Specific PCR, and 5-Methyl-Cytosine (5mC) Immunological Detection. Methods in Molecular Biology, 2014, 1094, 221-231.	0.9	23
20	DNA Labeling In Vivo: Quantification of Epidermal Stem Cell Chromatin Content in Whole Mouse Hair Follicles Using Fiji Image Processing Software. Methods in Molecular Biology, 2014, 1094, 79-88.	0.9	2
21	Mouse models in epigenetics: insights in development and disease. Briefings in Functional Genomics, 2013, 12, 279-287.	2.7	9
22	Non-catalytic functions of DNMT1. Epigenetics, 2012, 7, 115-118.	2.7	22
23	Protoporphyrin IX-dependent photodynamic production of endogenous ROS stimulates cell proliferation. European Journal of Cell Biology, 2012, 91, 216-223.	3.6	52
24	Regulation of SNAIL1 and E-cadherin function by DNMT1 in a DNA methylation-independent context. Nucleic Acids Research, 2011, 39, 9194-9205.	14.5	82
25	Nuclear envelope alterations generate an agingâ€like epigenetic pattern in mice deficient in Zmpste24 metalloprotease. Aging Cell, 2010, 9, 947-957.	6.7	50
26	DNA methylation and the functional organization of the nuclear compartment. Seminars in Cell and Developmental Biology, 2010, 21, 238-246.	5.0	38
27	The dynamic DNA methylomes of double-stranded DNA viruses associated with human cancer. Genome Research, 2009, 19, 438-451.	5.5	218
28	Oncogenic Hâ€Ras and PI3K signaling can inhibit Eâ€cadherinâ€dependent apoptosis and promote cell survival after photodynamic therapy in mouse keratinocytes. Journal of Cellular Physiology, 2009, 219, 84-93.	4.1	34
29	Hedgehog signalling as a target in cancer stem cells. Clinical and Translational Oncology, 2009, 11, 199-207.	2.4	41
30	Wnt signalling and cancer stem cells. Clinical and Translational Oncology, 2009, 11, 411-427.	2.4	100
31	Preclinical photodynamic therapy research in Spain 4: Cytoskeleton and adhesion complexes of cultured tumor cells as targets of photosensitizers. Journal of Porphyrins and Phthalocyanines, 2009, 13, 552-559.	0.8	2
32	Nuclear envelope defects cause stem cell dysfunction in premature-aging mice. Journal of Cell Biology, 2008, 181, 27-35.	5.2	160
33	Nuclear envelope defects cause stem cell dysfunction in premature-aging mice. Journal of Experimental Medicine, 2008, 205, i10-i10.	8.5	0
34	Epigenetic disruption of ribosomal RNA genes and nucleolar architecture in DNA methyltransferase 1 (Dnmt1) deficient cells. Nucleic Acids Research, 2007, 35, 2191-2198.	14.5	128
35	The ADAMTS12 metalloproteinase exhibits anti-tumorigenic properties through modulation of the Ras-dependent ERK signalling pathway. Journal of Cell Science, 2007, 120, 3544-3552.	2.0	81
36	Epigenetic control of nuclear architecture. Cellular and Molecular Life Sciences, 2007, 64, 449-457.	5.4	55

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37	Epigenetic inactivation of the Wnt antagonist DICKKOPF-1 (DKK-1) gene in human colorectal cancer. Oncogene, 2006, 25, 4116-4121.	5.9	320
38	Epigenetic inactivation of the premature aging Werner syndrome gene in human cancer. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8822-8827.	7.1	240
39	Release of Hypoacetylated and Trimethylated Histone H4 Is an Epigenetic Marker of Early Apoptosis. Journal of Biological Chemistry, 2006, 281, 13540-13547.	3.4	34
40	Loss of acetylation at Lys16 and trimethylation at Lys20 of histone H4 is a common hallmark of human cancer. Nature Genetics, 2005, 37, 391-400.	21.4	1,710
41	Loss of E-cadherin mediated cell-cell adhesion as an early trigger of apoptosis induced by photodynamic treatment. Journal of Cellular Physiology, 2005, 205, 86-96.	4.1	45
42	Non-aqueous permanent mounting for immunofluorescence microscopy. Histochemistry and Cell Biology, 2005, 123, 329-334.	1.7	15
43	Inactivation of the Lamin A/C Gene by CpG Island Promoter Hypermethylation in Hematologic Malignancies, and Its Association With Poor Survival in Nodal Diffuse Large B-Cell Lymphoma. Journal of Clinical Oncology, 2005, 23, 3940-3947.	1.6	119
44	Direct metabolic regulation of Î²-catenin activity by the p85Î± regulatory subunit of phosphoinositide 3-OH kinase. Experimental Cell Research, 2005, 305, 409-417.	2.6	6
45	Epigenetic loss of the familial tumor-suppressor gene exostosin-1 (EXT1) disrupts heparan sulfate synthesis in cancer cells. Human Molecular Genetics, 2004, 13, 2753-2765.	2.9	86
46	Human DNA Methyltransferase 1 Is Required for Maintenance of the Histone H3 Modification Pattern. Journal of Biological Chemistry, 2004, 279, 37175-37184.	3.4	171
47	A Mouse Skin Multistage Carcinogenesis Model Reflects the Aberrant DNA Methylation Patterns of Human Tumors. Cancer Research, 2004, 64, 5527-5534.	0.9	193
48	Qualitative Determination of 5-Methylcytosine and Other Components of the DNA Methylation Machinery. , 2004, , 121-136.		0
49	Methyl-CpG binding proteins identify novel sites of epigenetic inactivation in human cancer. EMBO Journal, 2003, 22, 6335-6345.	7.8	294
50	Heparan sulfate, heparin, and heparinase activity detection on polyacrylamide gel electrophoresis using the fluorochrome tris(2,2â€²-bipyridine) ruthenium (II). Electrophoresis, 2001, 22, 3-11.	2.4	19
51	Photodamage Induced by Zinc(II)-phthalocyanine to Microtubules, Actin, Î±-Actinin and Keratin of HeLa CellsÂ¶. Photochemistry and Photobiology, 2001, 73, 283-289.	2.5	40
52	Recycling cultured cells for immunofluorescent labeling. Histochemistry and Cell Biology, 2001, 116, 41-47.	1.7	5
53	Vitamin D3 promotes the differentiation of colon carcinoma cells by the induction of E-cadherin and the inhibition of Î²-catenin signaling. Journal of Cell Biology, 2001, 154, 369-388.	5.2	725
54	H-Ras Activation Promotes Cytoplasmic Accumulation and Phosphoinositide 3-Oh Kinase Association of Î²-Catenin in Epidermal Keratinocytes. Journal of Cell Biology, 1999, 146, 967-980.	5.2	85

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55	Fluorescence microscopy of rat embryo sections stained with haematoxylin-eosin and Masson's trichrome method. Journal of Microscopy, 1998, 191, 20-27.	1.8	33
56	New cationic fluorochromes from diaryloxazole scintillators: fluorescence of chromatin DNA induced by N-quaternary POPOP derivatives. Acta Histochemica, 1997, 99, 195-205.	1.8	7
57	Fluorescent cytochemistry of acid phosphatase and demonstration of fluid-phase endocytosis using an azo dye method. Histochemistry and Cell Biology, 1997, 108, 481-487.	1.7	10
58	Fluorescence of eosinophil leucocyte granules induced by 1-hydroxy-3,6,8-pyrenetrisulfonate. Visualization of differences in protein isoelectric points. Histochemistry and Cell Biology, 1995, 104, 69-73.	1.7	7
59	Fluorescence of bisazo dye reaction products from the coupled tetrazonium method for proteins. Acta Histochemica, 1994, 96, 315-324.	1.8	10
60	Selective fluorescence of eosinophilic structures in grasshopper and mammalian testis stained with haematoxylin-eosin. Histochemistry, 1993, 99, 385-390.	1.9	27
61	Deschampsia antarctica extract (EdafenceÂ®) as a powerful skin protection tool against the aging exposome. Plastic and Aesthetic Research, 0, 7, 69.	0.4	3