

Li Xiao

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3857752/li-xiao-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

888
citations

17
h-index

29
g-index

35
ext. papers

1,006
ext. citations

4.5
avg, IF

4.76
L-index

#	Paper	IF	Citations
32	Antioxidant effects of water-soluble fullerene derivatives against ultraviolet ray or peroxy lipid through their action of scavenging the reactive oxygen species in human skin keratinocytes. <i>Biomedicine and Pharmacotherapy</i> , 2005 , 59, 351-8	7.5	150
31	The water-soluble fullerene derivative "Radical Sponge" exerts cytoprotective action against UVA irradiation but not visible-light-catalyzed cytotoxicity in human skin keratinocytes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 1590-5	2.9	105
30	ACE2: The key Molecule for Understanding the Pathophysiology of Severe and Critical Conditions of COVID-19: Demon or Angel?. <i>Viruses</i> , 2020 , 12,	6.2	84
29	From regenerative dentistry to regenerative medicine: progress, challenges, and potential applications of oral stem cells. <i>Stem Cells and Cloning: Advances and Applications</i> , 2014 , 7, 89-99	2.6	44
28	Inhibitory effect of the water-soluble polymer-wrapped derivative of fullerene on UVA-induced melanogenesis via downregulation of tyrosinase expression in human melanocytes and skin tissues. <i>Archives of Dermatological Research</i> , 2007 , 299, 245-57	3.3	43
27	Characterization of human dental pulp cells-derived spheroids in serum-free medium: stem cells in the core. <i>Journal of Cellular Biochemistry</i> , 2013 , 114, 2624-36	4.7	40
26	Highly hydroxylated fullerene localizes at the cytoskeleton and inhibits oxidative stress in adipocytes and a subcutaneous adipose-tissue equivalent. <i>Free Radical Biology and Medicine</i> , 2011 , 51, 1376-89	7.8	36
25	Neutral pH hydrogen-enriched electrolyzed water achieves tumor-preferential clonal growth inhibition over normal cells and tumor invasion inhibition concurrently with intracellular oxidant repression. <i>Oncology Research</i> , 2008 , 17, 247-55	4.8	33
24	Human dental mesenchymal stem cells and neural regeneration. <i>Human Cell</i> , 2013 , 26, 91-6	4.5	31
23	Stem cell therapy for central nerve system injuries: glial cells hold the key. <i>Neural Regeneration Research</i> , 2014 , 9, 1253-60	4.5	30
22	Hydrogen-rich water achieves cytoprotection from oxidative stress injury in human gingival fibroblasts in culture or 3D-tissue equivalents, and wound-healing promotion, together with ROS-scavenging and relief from glutathione diminishment. <i>Human Cell</i> , 2017 , 30, 72-87	4.5	29
21	Novel polyhydroxylated fullerene suppresses intracellular oxidative stress together with repression of intracellular lipid accumulation during the differentiation of OP9 preadipocytes into adipocytes. <i>Free Radical Research</i> , 2010 , 44, 1072-81	4	29
20	The effect of squalane-dissolved fullerene-C60 on adipogenesis-accompanied oxidative stress and macrophage activation in a preadipocyte-monocyte co-culture system. <i>Biomaterials</i> , 2010 , 31, 5976-85	15.6	28
19	Human Dental Pulp Cells Differentiate toward Neuronal Cells and Promote Neuroregeneration in Adult Organotypic Hippocampal Slices In Vitro. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	27
18	Polyhydroxylated fullerene C(OH) ₂ suppresses intracellular lipid accumulation together with repression of intracellular superoxide anion radicals and subsequent PPAR α expression during spontaneous differentiation of OP9 preadipocytes into adipocytes. <i>Molecular and Cellular Biochemistry</i> , 2018 , 366, 181-200	4.2	22
17	Cell death, cavitation and spontaneous multi-differentiation of dental pulp stem cells-derived spheroids in vitro: a journey to survival and organogenesis. <i>Biology of the Cell</i> , 2014 , 106, 405-19	3.5	21
16	Three-dimensional epithelial and mesenchymal cell co-cultures form early tooth epithelium invagination-like structures: expression patterns of relevant molecules. <i>Journal of Cellular Biochemistry</i> , 2012 , 113, 1875-85	4.7	20

15	Innovative Anti-Oxidant: Fullerene (INCI #: 7587) is as Radical Sponge on the Skin. Its High Level of Safety, Stability and Potential as Premier Anti-Aging and Whitening Cosmetic Ingredient. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2006 , 14, 335-341	1.8	17
14	Cytoprotective effects of the lipoidic-liquiform pro-vitamin C tetra-isopalmitoyl-ascorbate (VC-IP) against ultraviolet-A ray-induced injuries in human skin cells together with collagen retention, MMP inhibition and p53 gene repression. <i>Journal of Cellular Biochemistry</i> , 2009 , 106, 589-98	4.7	15
13	A New Method for Testing Filtration Efficiency of Mask Materials Under Sneeze-like Pressure. <i>In Vivo</i> , 2020 , 34, 1637-1644	2.3	14
12	The lipophilic vitamin C derivative, 6-o-palmitoylascorbate, protects human lymphocytes, preferentially over ascorbate, against X-ray-induced DNA damage, lipid peroxidation, and protein carbonylation. <i>Molecular and Cellular Biochemistry</i> , 2014 , 394, 247-59	4.2	14
11	Fullerene-polyvinylpyrrolidone clathrate localizes in the cytoplasm to prevent Ultraviolet-A ray-induced DNA-fragmentation and activation of the transcriptional factor NF-kappaB. <i>Journal of Cellular Biochemistry</i> , 2010 , 111, 955-66	4.7	10
10	Enzyme-digested (E'jiao) prevents hydrogen peroxide-induced cell death and accelerates amyloid beta clearance in neuronal-like PC12 cells. <i>Neural Regeneration Research</i> , 2020 , 15, 2270-2272	4.5	10
9	Oxidative Stress-Tolerant Stem Cells from Human Exfoliated Deciduous Teeth Decrease Hydrogen Peroxide-Induced Damage in Organotypic Brain Slice Cultures from Adult Mice. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	7
8	Enzyme-digested Colla Corii Asini (E'jiao) accelerates wound healing and prevents ultraviolet A-induced collagen synthesis decline and wrinkle formation in three-dimensional skin equivalents. <i>Human Cell</i> , 2020 , 33, 1056-1067	4.5	6
7	Hydrogen-Generating Silica Material Prevents UVA-ray-Induced Cellular Oxidative Stress, Cell Death, Collagen Loss and Melanogenesis in Human Cells and 3D Skin Equivalents. <i>Antioxidants</i> , 2021 , 10,	7.1	6
6	Hydrogen Nano-Bubble Water Suppresses ROS Generation, Adipogenesis, and Interleukin-6 Secretion in Hydrogen-Peroxide- or PMA-Stimulated Adipocytes and Three-Dimensional Subcutaneous Adipose Equivalents. <i>Cells</i> , 2021 , 10,	7.9	5
5	Three-dimensional Inflammatory Human Tissue Equivalents of Gingiva. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	4
4	The Lipophilic Vitamin C Derivative, 6-O-Palmitoylascorbate Protects Human Keratinocytes and 3D-Human Skin Equivalents Against X-Ray-Induced Oxidative Stress and Apoptosis More Markedly Than L-Ascorbic Acid. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 318-329	4.7	4
3	Hydrogen-rich bath with nano-sized bubbles improves antioxidant capacity based on oxygen radical absorbing and inflammation levels in human serum. <i>Medical Gas Research</i> , 2022 , 12, 91-99	2.2	2
2	Hydrogen-Rich Water Prevents Dehydration-Induced Cellular Oxidative Stress and Cell Death in Human Skin Keratinocytes. <i>Hydrogen</i> , 2022 , 3, 62-71	1.8	1
1	Enzyme-digested Colla Corii Asini (E'jiao) suppresses lipopolysaccharide-induced inflammatory changes in THP-1 macrophages and OP9 adipocytes.. <i>Human Cell</i> , 2022 , 35, 885	4.5	1