

Li Xiao

List of Publications by Year in descending order

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33
papers

1,137
citations

430442

18
h-index

395343

33
g-index

35
all docs

35
docs citations

35
times ranked

1684
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 351-358.	2.5	164
2	ACE2: The key Molecule for Understanding the Pathophysiology of Severe and Critical Conditions of COVID-19: Demon or Angel?. <i>Viruses</i> , 2020, 12, 491.	1.5	136
3	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, 1590-1595.	1.0	124
4	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.	2.3	62
5	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, 245-257.	1.1	51
6	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, 2624-2636.	1.2	48
7	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, 247-255.	0.6	42
8	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, 1376-1389.	1.3	42
9	Human dental mesenchymal stem cells and neural regeneration. <i>Human Cell</i> , 2013, 26, 91-96.	1.2	41
10	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.	1.2	40
11	Stem cell therapy for central nerve system injuries: glial cells hold the key. <i>Neural Regeneration Research</i> , 2014, 9, 1253.	1.6	36
12	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, 5976-5985.	5.7	35
13	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, 1072-1081.	1.5	32
14	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, 1745.	1.8	32
15	Polyhydroxylated fullerene C60(OH)44 suppresses intracellular lipid accumulation together with repression of intracellular superoxide anion radicals and subsequent PPAR γ 2 expression during spontaneous differentiation of OP9 preadipocytes into adipocytes. <i>Molecular and Cellular Biochemistry</i> , 2012, 366, 191-200.	1.4	25
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, 1875-1885.	1.2	24
17	Cell death, cavitation and spontaneous multi-differentiation of dental pulp stem cells-derived spheroids <i>in vitro</i> : A journey to survival and organogenesis. <i>Biology of the Cell</i> , 2014, 106, 405-419.	0.7	23
18	A New Method for Testing Filtration Efficiency of Mask Materials Under Sneeze-like Pressure. <i>In Vivo</i> , 2020, 34, 1637-1644.	0.6	23

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19	Cytoprotective effects of the lipoidicâ€liquidiform proâ€vitamin C tetraâ€isopalmitoylâ€ascorbate (VCâ€IP) against ultravioletâ€A rayâ€induced injuries in human skin cells together with collagen retention, MMP inhibition and p53 gene repression. <i>Journal of Cellular Biochemistry</i> , 2009, 106, 589-598.	1.2	20
20	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, 247-259.	1.4	19
21	Innovative Antiâ€Oxidant: Fullerene (INCI #: 7587) is as â€Radical Spongeâ€on the Skin. Its High Level of Safety, Stability and Potential as Premier Antiâ€Aging and Whitening Cosmetic Ingredient. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2006, 14, 335-341.	1.0	17
22	Enzyme-digested Colla Corii Asini (Eâ€™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.	1.6	16
23	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, 626.	1.8	15
24	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, 76.	2.2	13
25	Fullereneâ€polyvinylpyrrolidone clathrate localizes in the cytoplasm to prevent Ultravioletâ€A rayâ€induced DNAâ€fragmentation and activation of the transcriptional factor NFâ€kappaB. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 955-966.	1.2	12
26	Enzyme-digested Colla Corii Asini (Eâ€™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.	1.2	11
27	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, 1858.	1.8	10
28	Three-dimensional Inflammatory Human Tissue Equivalents of Gingiva. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	8
29	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.	1.2	6
30	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.	1.2	4
31	Hydrogen-Rich Water Prevents Dehydration-Induced Cellular Oxidative Stress and Cell Death in Human Skin Keratinocytes. <i>Hydrogen</i> , 2022, 3, 62-71.	1.7	3
32	Enzyme-digested Colla Corii Asini (Eâ€™jiao) suppresses lipopolysaccharide-induced inflammatory changes in THP-1 macrophages and OP9 adipocytes. <i>Human Cell</i> , 2022, 35, 885.	1.2	1
33	Ren Shen Yang Rong Tang and other traditional Chinese medicines exhibit antioxidant and anti-inflammatory capacities and suppress acetylcholinesterase activity in PC12 neuronal cells. <i>Linghua Chinese Medicine</i> , 0, 4, 13-13.	0.5	0