

Eleni Mavrogonatou

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,245
citations

361045

20
h-index

377514

34
g-index

38
all docs

38
docs citations

38
times ranked

1982
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical loading of the intervertebral disc: from the macroscopic to the cellular level. <i>European Spine Journal</i> , 2014, 23, 333-343.	1.0	130
2	Nrf2-Mediated Fibroblast Reprogramming Drives Cellular Senescence by Targeting the Matrisome. <i>Developmental Cell</i> , 2018, 46, 145-161.e10.	3.1	126
3	Extracellular matrix alterations in senescent cells and their significance in tissue homeostasis. <i>Matrix Biology</i> , 2019, 75-76, 27-42.	1.5	80
4	Comparative genomics of the dairy isolate <i>Streptococcus macedonicus</i> ACA-DC 198 against related members of the <i>Streptococcus bovis</i> / <i>Streptococcus equinus</i> complex. <i>BMC Genomics</i> , 2014, 15, 272.	1.2	74
5	High osmolality activates the G1 and G2 cell cycle checkpoints and affects the DNA integrity of nucleus pulposus intervertebral disc cells triggering an enhanced DNA repair response. <i>DNA Repair</i> , 2009, 8, 930-943.	1.3	68
6	Scarless wound healing: From development to senescence. <i>Advanced Drug Delivery Reviews</i> , 2019, 146, 325-343.	6.6	59
7	Ionizing radiation-mediated premature senescence and paracrine interactions with cancer cells enhance the expression of syndecan 1 in human breast stromal fibroblasts: the role of TGF- β 2. <i>Aging</i> , 2016, 8, 1650-1669.	1.4	54
8	The role of senescence in cancer development. <i>Seminars in Cancer Biology</i> , 2020, 62, 182-191.	4.3	52
9	Evaluating the probiotic potential and technological characteristics of yeasts implicated in cv. Kalamata natural black olive fermentation. <i>International Journal of Food Microbiology</i> , 2018, 271, 48-59.	2.1	49
10	Probiotic Features of Lactic Acid Bacteria Isolated from a Diverse Pool of Traditional Greek Dairy Products Regarding Specific Strain-Host Interactions. <i>Probiotics and Antimicrobial Proteins</i> , 2018, 10, 313-322.	1.9	48
11	Differential response of nucleus pulposus intervertebral disc cells to high salt, sorbitol, and urea. <i>Journal of Cellular Physiology</i> , 2012, 227, 1179-1187.	2.0	40
12	The catabolic effect of TNF α on bovine nucleus pulposus intervertebral disc cells and the restraining role of glucosamine sulfate in the TNF α -mediated up-regulation of MMP-3. <i>Journal of Orthopaedic Research</i> , 2014, 32, 1701-1707.	1.2	39
13	Evaluation of the antihypertensive angiotensin-converting enzyme inhibitory (ACE-I) activity and other probiotic properties of lactic acid bacteria isolated from traditional Greek dairy products. <i>International Dairy Journal</i> , 2017, 75, 10-21.	1.5	38
14	Mesenchymal stromal cells derived from whole human umbilical cord exhibit similar properties to those derived from Wharton's jelly and bone marrow. <i>FEBS Open Bio</i> , 2016, 6, 1054-1066.	1.0	37
15	Long-term exposure to TNF α leads human skin fibroblasts to a p38 MAPK- and ROS-mediated premature senescence. <i>Biogerontology</i> , 2018, 19, 237-249.	2.0	37
16	Effect of varying osmotic conditions on the response of bovine nucleus pulposus cells to growth factors and the activation of the ERK and Akt pathways. <i>Journal of Orthopaedic Research</i> , 2010, 28, 1276-1282.	1.2	33
17	The effect of triethylene glycol dimethacrylate on p53-dependent G2 arrest in human gingival fibroblasts. <i>Biomaterials</i> , 2010, 31, 8530-8538.	5.7	31
18	Complete Genome Sequence of the Dairy Isolate <i>Streptococcus macedonicus</i> ACA-DC 198. <i>Journal of Bacteriology</i> , 2012, 194, 1838-1839.	1.0	27

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19	Human nucleus pulposus intervertebral disc cells becoming senescent using different treatments exhibit a similar transcriptional profile of catabolic and inflammatory genes. <i>European Spine Journal</i> , 2017, 26, 2063-2071.	1.0	26
20	<i>Listeria monocytogenes</i> Strains Underrepresented during Selective Enrichment with an ISO Method Might Dominate during Passage through Simulated Gastric Fluid and <i>In Vitro</i> Infection of Caco-2 Cells. <i>Applied and Environmental Microbiology</i> , 2016, 82, 6846-6858.	1.4	22
21	Survival, Intestinal Mucosa Adhesion, and Immunomodulatory Potential of <i>Lactobacillus plantarum</i> Strains. <i>Current Microbiology</i> , 2017, 74, 1061-1067.	1.0	22
22	The microbiota of Kalathaki and Melichloro Greek artisanal cheeses comprises functional lactic acid bacteria. <i>LWT - Food Science and Technology</i> , 2020, 130, 109570.	2.5	17
23	Bioprospecting Sponge-Associated Marine Cyanobacteria to Produce Bioactive Compounds. <i>Toxins</i> , 2020, 12, 73.	1.5	17
24	Major traits of the senescent phenotype of nucleus pulposus intervertebral disc cells persist under the specific microenvironmental conditions of the tissue. <i>Mechanisms of Ageing and Development</i> , 2019, 177, 118-127.	2.2	15
25	Deficiency in the β 1 subunit of Na ⁺ /K ⁺ -ATPase Enhances the Anti-Proliferative Effect of High Osmolality in Nucleus Pulposus Intervertebral Disc Cells. <i>Journal of Cellular Physiology</i> , 2015, 230, 3037-3048.	2.0	14
26	Phytochemical Study and <i>In Vitro</i> Screening Focusing on the Anti-Aging Features of Various Plants of the Greek Flora. <i>Antioxidants</i> , 2021, 10, 1206.	2.2	14
27	Down-Regulation of the Proteoglycan Decorin Fills in the Tumor-Promoting Phenotype of Ionizing Radiation-Induced Senescent Human Breast Stromal Fibroblasts. <i>Cancers</i> , 2021, 13, 1987.	1.7	13
28	The differential proliferative response of fetal and adult human skin fibroblasts to TGF- β 2 is retained when cultured in the presence of fibronectin or collagen. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2635-2642.	1.1	12
29	Assessment of telomerase activity in leukocytes of type 2 diabetes mellitus patients having or not foot ulcer: Possible correlation with other clinical parameters. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 3420-3424.	0.8	12
30	Guided cell adhesion, orientation, morphology and differentiation on silicon substrates photolithographically micropatterned with a cell-repellent cross-linked poly(vinyl alcohol) film. <i>Biomedical Materials (Bristol)</i> , 2019, 14, 014101.	1.7	11
31	Monitoring Autophagy Immunohistochemically and Ultrastructurally during Human Head and Neck Carcinogenesis. Relationship with the DNA Damage Response Pathway. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1920.	1.8	8
32	Differential Modulation of <i>Listeria monocytogenes</i> Fitness, <i>In Vitro</i> Virulence, and Transcription of Virulence-Associated Genes in Response to the Presence of Different Microorganisms. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	6
33	The Effect of Glucosamine Sulfate on the Proliferative Potential and Glycosaminoglycan Synthesis of Nucleus Pulposus Intervertebral Disc Cells. <i>Spine</i> , 2013, 38, 308-314.	1.0	4
34	<i>In Vitro</i> Virulence Potential, Surface Attachment, and Transcriptional Response of Sublethally Injured <i>Listeria monocytogenes</i> following Exposure to Peracetic Acid. <i>Applied and Environmental Microbiology</i> , 2022, 88, AEM0158221.	1.4	4
35	Whole-Genome Sequence of the Cheese Isolate <i>Streptococcus macedonicus</i> 679. <i>Genome Announcements</i> , 2016, 4, .	0.8	3
36	Decreased differentiation capacity and altered expression of extracellular matrix components in irradiation-mediated senescent human breast adipose-derived stem cells. <i>IUBMB Life</i> , 2022, 74, 969-981.	1.5	2

#	ARTICLE	IF	CITATIONS
37	In Vitro Assessment of Biocompatibility for Orthodontic Materials. , 2013, , 61-78.		1
38	TGF- β 2 in Development and Ageing. Healthy Ageing and Longevity, 2017, , 127-148.	0.2	0