

Alexandrina F Mendes

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,983
citations

279798

23
h-index

223800

46
g-index

70
all docs

70
docs citations

70
times ranked

4253
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	10
2	Anti-inflammatory and Chondroprotective Activity of (+)- α -Pinene: Structural and Enantiomeric Selectivity. <i>Journal of Natural Products</i> , 2014, 77, 264-269.	3.0	162
3	Evaluation of the anti-inflammatory, anti-catabolic and pro-anabolic effects of E-caryophyllene, myrcene and limonene in a cell model of osteoarthritis. <i>European Journal of Pharmacology</i> , 2015, 750, 141-150.	3.5	154
4	Impaired glucose transporter-1 degradation and increased glucose transport and oxidative stress in response to high glucose in chondrocytes from osteoarthritic versus normal human cartilage. <i>Arthritis Research and Therapy</i> , 2009, 11, R80.	3.5	143
5	Expression and function of the insulin receptor in normal and osteoarthritic human chondrocytes: modulation of anabolic gene expression, glucose transport and GLUT-1 content by insulin. <i>Osteoarthritis and Cartilage</i> , 2011, 19, 719-727.	1.3	76
6	Role of glucose as a modulator of anabolic and catabolic gene expression in normal and osteoarthritic human chondrocytes. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 2813-2824.	2.6	70
7	Insulin decreases autophagy and leads to cartilage degradation. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 731-739.	1.3	70
8	Differential roles of hydrogen peroxide and superoxide in mediating IL-1 α -induced NF- κ B activation and iNOS expression in bovine articular chondrocytes. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 783-793.	2.6	60
9	Diacerhein and Rhein Prevent Interleukin-1 β -Induced Nuclear Factor- κ B Activation by Inhibiting the Degradation of Inhibitor κ B-1. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2002, 91, 22-28.	0.0	55
10	Role of Mitogen-Activated Protein Kinases and Tyrosine Kinases on IL-1-Induced NF- κ B Activation and iNOS Expression in Bovine Articular Chondrocytes. <i>Nitric Oxide - Biology and Chemistry</i> , 2002, 6, 35-44.	2.7	48
11	Potassium channels in articular chondrocytes. <i>Channels</i> , 2012, 6, 416-425.	2.8	47
12	Diabetes-accelerated experimental osteoarthritis is prevented by autophagy activation. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 2116-2125.	1.3	47
13	Role of nitric oxide in the activation of NF- κ B, AP-1 and NOS II expression in articular chondrocytes. <i>Inflammation Research</i> , 2002, 51, 369-375.	4.0	46
14	Chondrocyte Viability in Fresh and Frozen Large Human Osteochondral Allografts: Effect of Cryoprotective Agents. <i>Transplantation Proceedings</i> , 2007, 39, 2531-2534.	0.6	46
15	Resveratrol Modulates Cytokine-Induced JAK/STAT Activation More Efficiently than 5-Aminosalicylic Acid: An In Vitro Approach. <i>PLoS ONE</i> , 2014, 9, e109048.	2.5	46
16	Screening of Five Essential Oils for Identification of Potential Inhibitors of IL-1-induced NF- κ B Activation and NO Production in Human Chondrocytes: Characterization of the Inhibitory Activity of α -Pinene. <i>Planta Medica</i> , 2010, 76, 303-308.	1.3	38
17	Diphenyleneiodonium inhibits NF- κ B activation and iNOS expression induced by IL-1 β : involvement of reactive oxygen species. <i>Mediators of Inflammation</i> , 2001, 10, 209-215.	3.0	37
18	Nitric oxide synthase isoforms and NF- κ B activity in normal and osteoarthritic human chondrocytes: Regulation by inducible nitric oxide. <i>Nitric Oxide - Biology and Chemistry</i> , 2008, 19, 276-283.	2.7	37

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19	Regulation of catecholamine release and tyrosine hydroxylase in human adrenal chromaffin cells by interleukin-1 β : role of neuropeptide Y and nitric oxide. <i>Journal of Neurochemistry</i> , 2009, 109, 911-922.	3.9	33
20	Expression and function of K(ATP) channels in normal and osteoarthritic human chondrocytes: Possible role in glucose sensing. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 1879-1889.	2.6	33
21	Hydrogen peroxide mediates interleukin-1 β -induced AP-1 activation in articular chondrocytes: Implications for the regulation of iNOS expression. <i>Cell Biology and Toxicology</i> , 2003, 19, 203-214.	5.3	31
22	The importance of determining circadian parameters in pharmacological studies. <i>British Journal of Pharmacology</i> , 2019, 176, 2827-2847.	5.4	30
23	Dexamethasone prevents interleukin-1 β -induced nuclear factor- κ B activation by upregulating β -casein synthesis, in lymphoblastic cells. <i>Mediators of Inflammation</i> , 2003, 12, 37-46.	3.0	26
24	Dichotomous Sirtuins: Implications for Drug Discovery in Neurodegenerative and Cardiometabolic Diseases. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 1021-1039.	8.7	24
25	Dexamethasone-induced and estradiol-induced CREB activation and annexin 1 expression in CCRF-CEM lymphoblastic cells: evidence for the involvement of cAMP and p38 MAPK. <i>Mediators of Inflammation</i> , 2003, 12, 329-337.	3.0	20
26	Standardised comparison of limonene-derived monoterpenes identifies structural determinants of anti-inflammatory activity. <i>Scientific Reports</i> , 2020, 10, 7199.	3.3	19
27	Facilitative glucose transporters in articular chondrocytes. Expression, distribution and functional regulation of GLUT isoforms by hypoxia, hypoxia mimetics, growth factors and pro-inflammatory cytokines. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2008, 200, 1 p following vi, 1-84.	1.6	17
28	Differential effects of the essential oils of <i>Lavandula luisieri</i> and <i>Eryngium duriaei</i> subsp. <i>juresianum</i> in cell models of two chronic inflammatory diseases. <i>Pharmaceutical Biology</i> , 2015, 53, 1220-1230.	2.9	14
29	Editorial: The Physiology of Inflammation – The Final Common Pathway to Disease. <i>Frontiers in Physiology</i> , 2018, 9, 1741.	2.8	14
30	Facilitative Glucose Transporters in Articular Chondrocytes. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2008, , .	1.6	10
31	Physiology and pathophysiology of musculoskeletal aging: current research trends and future priorities. <i>Frontiers in Physiology</i> , 2013, 4, 73.	2.8	10
32	Expression and function of the nonclassical estrogen receptor, GPR30, in human cartilage and chondrocytes. <i>Journal of Cellular Physiology</i> , 2020, 235, 8486-8494.	4.1	10
33	Elucidation of the Mechanism Underlying the Anti-Inflammatory Properties of (S)-(+)-Carvone Identifies a Novel Class of Sirtuin-1 Activators in a Murine Macrophage Cell Line. <i>Biomedicines</i> , 2021, 9, 777.	3.2	10
34	Assessment of cell line competence for studies of pharmacological GPR30 modulation. <i>Journal of Receptor and Signal Transduction Research</i> , 2017, 37, 181-188.	2.5	9
35	Diabetes-induced osteoarthritis: role of hyperglycemia in joint destruction. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, .	1.9	6
36	Assessment of strategies to increase chondrocyte viability in cryopreserved human osteochondral allografts: evaluation of the glycosylated hydroquinone, arbutin. <i>Osteoarthritis and Cartilage</i> , 2009, 17, 1657-1661.	1.3	5

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37	Common risk factors and therapeutic targets in obstructive sleep apnea and osteoarthritis: An unexpected link?. <i>Pharmacological Research</i> , 2021, 164, 105369.	7.1	5
38	Monoterpenes as Sirtuin-1 Activators: Therapeutic Potential in Aging and Related Diseases. <i>Biomolecules</i> , 2022, 12, 921.	4.0	5
39	Bio-electrospraying assessment toward in situ chondrocyte-laden electrospun scaffold fabrication. <i>Journal of Tissue Engineering</i> , 2022, 13, 204173142110693.	5.5	4
40	Changes in the Subcellular Distribution of the Rat Uterus Oestrogen Receptor as Induced by Oestradiol, Tamoxifen and ZD 182,780. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 48, 302-305.	2.4	3
41	Tissue Engineered Cartilage in Unconfined Compression: Biomechanical Analysis. <i>Materials Today: Proceedings</i> , 2015, 2, 355-364.	1.8	3
42	Multi-layered electrospinning and electrospaying approach: Effect of polymeric supplements on chondrocyte suspension. <i>Journal of Biomaterials Applications</i> , 2022, 36, 1629-1640.	2.4	3
43	A5.1â€¦Culture OF human chondrocytes in high glucose induces inflammatory markers and impairs autophagy. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, A63.1-A63.	0.9	2
44	Hyperglycemia and Hyperinsulinemia-Like Conditions Independently Induce Inflammatory Responses in Human Chondrocytes. <i>Journal of Functional Morphology and Kinesiology</i> , 2017, 2, 15.	2.4	2
45	546 DUAL INHIBITION OF IL-1-INDUCED NF-Î²B ACTIVATION AND iNOS ENZYME ACTIVITY IN HUMAN CHONDROCYTES BY NATURAL AND COMMERCIAL Î±-PINENE. <i>Osteoarthritis and Cartilage</i> , 2008, 16, S231-S232.	1.3	0
46	195 ROLE OF HIGH EXTRACELLULAR GLUCOSE CONCENTRATIONS IN MODULATING ANABOLIC AND CATABOLIC GENE EXPRESSION IN NORMAL AND OSTEOARTHROTIC HUMAN CHONDROCYTES. <i>Osteoarthritis and Cartilage</i> , 2010, 18, S93.	1.3	0
47	214 ROLE OF K(ATP) CHANNELS IN MODULATING GLUT-1 CONTENT IN NORMAL AND OSTEOARTHROTIC HUMAN CHONDROCYTES. <i>Osteoarthritis and Cartilage</i> , 2010, 18, S101.	1.3	0
48	501 SCREENING OF ESSENTIAL OILS AS POTENTIAL SOURCES OF NATURAL INHIBITORS OF iNOS EXPRESSION AND NO PRODUCTION IN HUMAN CHONDROCYTES. <i>Osteoarthritis and Cartilage</i> , 2011, 19, S231-S232.	1.3	0
49	The essential oil of <i>Eryngium duriaei</i> subsp. <i>juresianum</i> inhibits IL-1Î² induced NF-Î²B and MAPK activation in human chondrocytes. <i>Osteoarthritis and Cartilage</i> , 2012, 20, S290.	1.3	0
50	Hyperglycemia-like culture conditions induce IL-1B and TNF-Î± expression and impair autophagy in human chondrocytes. <i>Osteoarthritis and Cartilage</i> , 2014, 22, S165-S166.	1.3	0
51	The â€œJournal of Functional Morphology and Kinesiologyâ€ Journal Club Series: Highlights on Recent Papers in Articular Cartilage Tissue Engineering and Mechanical Stimulation. <i>Journal of Functional Morphology and Kinesiology</i> , 2016, 1, 162-166.	2.4	0
52	OP0312â€¦Diabetes-Accelerated Experimental Osteoarthritis Is Prevented by Autophagy Activation. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 176.1-176.	0.9	0
53	The â€œJournal of Functional Morphology and Kinesiologyâ€ Journal Club Series: Highlights on Recent Papers in Exercise-Induced Immune Response. <i>Journal of Functional Morphology and Kinesiology</i> , 2018, 3, 42.	2.4	0
54	AB0096â€¦Expression and function of neuropeptide Î³ receptors in human articular cartilage: influence of gender and osteoarthritis. , 2018, , .		0

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55	Expression and function of GPR30 in human chondrocytes. <i>Osteoarthritis and Cartilage</i> , 2021, 29, S119.	1.3	0
56	Does Arthritis Have a Nutritional Etiology?. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2008, , 13-17.	1.6	0
57	Articular Cartilage: Structure, Function, and Pathophysiology. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2008, , 5-13.	1.6	0
58	Metabolic Dysfunction in Arthritis. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2008, , 17-19.	1.6	0
59	Physiology and Pathophysiology of Musculoskeletal Aging. <i>Frontiers Research Topics</i> , 0, , .	0.2	0