Manuel De-Miguel

List of Publications by Year
in descending order

57 papers	2,226 citations	236612 25 h-index	233125 45 g-index
61 all docs	61 docs citations	61 times ranked	3134 citing authors

#	Article	IF	Citations
1	NLRP3 inflammasome is activated in mononuclear blood cells from patients with major depressive disorder. Brain, Behavior, and Immunity, 2014, 36, 111-117.	2.0	343
2	Secondary coenzyme Q₁₀deficiency triggers mitochondria degradation by mitophagy in MELAS fibroblasts. FASEB Journal, 2011, 25, 2669-2687.	0.2	122
3	Mitochondrial dysfunction and mitophagy activation in blood mononuclear cells of fibromyalgia patients: implications in the pathogenesis of the disease. Arthritis Research and Therapy, 2010, 12, R17.	1.6	120
4	Coenzyme Q₁₀ Therapy. Molecular Syndromology, 2014, 5, 187-197.	0.3	118
5	Autophagy in periodontitis patients and gingival fibroblasts: unraveling the link between chronic diseases and inflammation. BMC Medicine, 2012, 10, 122.	2.3	110
6	Oxidative Stress Correlates with Headache Symptoms in Fibromyalgia: Coenzyme Q10 Effect on Clinical Improvement. PLoS ONE, 2012, 7, e35677.	1.1	80
7	NLRP3 Inflammasome Is Activated in Fibromyalgia: The Effect of Coenzyme Q₁₀. Antioxidants and Redox Signaling, 2014, 20, 1169-1180.	2.5	75
8	Can Coenzyme Q₁₀ Improve Clinical and Molecular Parameters in Fibromyalgia?. Antioxidants and Redox Signaling, 2013, 19, 1356-1361.	2.5	66
9	Is Inflammation a Mitochondrial Dysfunction-Dependent Event in Fibromyalgia?. Antioxidants and Redox Signaling, 2013, 18, 800-807.	2.5	63
10	Coenzyme Q10 distribution in blood is altered in patients with Fibromyalgia. Clinical Biochemistry, 2009, 42, 732-735.	0.8	60
11	Clonality as Expression of Distinctive Cell Kinetics Patterns in Nodular Hyperplasias and Adenomas of the Adrenal Cortex. American Journal of Pathology, 2000, 156, 311-319.	1.9	55
12	Inmunohistochemical Profile of Solid Cell Nest of Thyroid Gland. Endocrine Pathology, 2011, 22, 35-39.	5.2	50
13	Germline RET 634 Mutation Positive MEN 2A-related C-Cell Hyperplasias Have Genetic Features Consistent with Intraepithelial Neoplasia. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 3948-3957.	1.8	49
14	Oral treatment with amitriptyline induces coenzyme Q deficiency and oxidative stress in psychiatric patients. Journal of Psychiatric Research, 2012, 46, 341-345.	1.5	45
15	Recovery of MERRF Fibroblasts and Cybrids Pathophysiology by Coenzyme Q10. Neurotherapeutics, 2012, 9, 446-463.	2.1	43
16	Acute oxidant damage promoted on cancer cells by amitriptyline in comparison with some common chemotherapeutic drugs. Anti-Cancer Drugs, 2010, 21, 932-944.	0.7	40
17	Oral coenzyme Q10 supplementation improves clinical symptoms and recovers pathologic alterations in blood mononuclear cells in a fibromyalgia patient. Nutrition, 2012, 28, 1200-1203.	1.1	40
18	Coenzyme Q10: A novel therapeutic approach for Fibromyalgia? Case series with 5 patients. Mitochondrion, 2011, 11, 623-625.	1.6	38

#	Article	IF	Citations
19	Screening of effective pharmacological treatments for MELAS syndrome using yeasts, fibroblasts and cybrid models of the disease. British Journal of Pharmacology, 2012, 167, 1311-1328.	2.7	38
20	Coenzyme Q10 and alpha-tocopherol protect against amitriptyline toxicity. Toxicology and Applied Pharmacology, 2009, 235, 329-337.	1.3	34
21	Clinical Symptoms in Fibromyalgia Are Better Associated to Lipid Peroxidation Levels in Blood Mononuclear Cells Rather than in Plasma. PLoS ONE, 2011, 6, e26915.	1.1	34
22	Clinical symptoms in fibromyalgia are associated to overweight and lipid profile. Rheumatology International, 2014, 34, 419-422.	1.5	30
23	Targeted multifunctional tannic acid nanoparticles. RSC Advances, 2016, 6, 7279-7287.	1.7	30
24	Clonal patterns in phaeochromocytomas and MEN-2A adrenal medullary hyperplasias: histological and kinetic correlates. Journal of Pathology, 2000, 192, 221-228.	2.1	29
25	Oxidative stress and mitochondrial dysfunction in fibromyalgia. Neuroendocrinology Letters, 2010, 31, 169-73.	0.2	29
26	Fibromyalgia syndrome and temporomandibular disorders with muscular pain. A review. Modern Rheumatology, 2017, 27, 210-216.	0.9	28
27	Functional expression of the thyrotropin receptor in C cells: new insights into their involvement in the hypothalamicâ€pituitaryâ€thyroid axis. Journal of Anatomy, 2009, 215, 150-158.	0.9	26
28	Apoptotic microtubule network organization and maintenance depend on high cellular ATP levels and energized mitochondria. Apoptosis: an International Journal on Programmed Cell Death, 2011, 16, 404-424.	2.2	24
29	Apoptotic microtubules delimit an active caspase free area in the cellular cortex during the execution phase of apoptosis. Cell Death and Disease, 2013, 4, e527-e527.	2.7	24
30	C cells evolve at the same rhythm as follicular cells when thyroidal status changes in rats. Journal of Anatomy, 2009, 214, 301-309.	0.9	23
31	Amitriptyline induces mitophagy that precedes apoptosis in human HepG2 cells. Genes and Cancer, 2016, 7, 260-277.	0.6	23
32	Cytotoxic effects of amitriptyline in human fibroblasts. Toxicology, 2008, 243, 51-58.	2.0	20
33	Contribution of the microvessel network to the clonal and kinetic profiles of adrenal cortical proliferative lesions. Human Pathology, 2001, 32, 1232-1239.	1.1	19
34	Mitochondrial dysfunction in skin biopsies and blood mononuclear cells from two cases of fibromyalgia patients. Clinical Biochemistry, 2010, 43, 1174-1176.	0.8	19
35	Ghrelin potentiates TSH-induced expression of the thyroid tissue-specific genes thyroglobulin, thyroperoxidase and sodium-iodine symporter, in rat PC-Cl3 Cells. Peptides, 2011, 32, 2333-2339.	1.2	19
36	The cadherinâ€“catenin complex in nasopharyngeal carcinoma. European Archives of Oto-Rhino-Laryngology, 2011, 268, 1335-1341.	0.8	18

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37	Comparative immunohistochemical study of normal, hyperplastic and neoplastic C cells of the rat thyroid gland. Cell and Tissue Research, 2002, 309, 361-368.	1.5	16
38	Ki-ras mutational analysis in rat follicular-cell proliferative lesions of the thyroid gland induced by radioactive iodine and potassium perchlorate. Journal of Endocrinological Investigation, 2004, 27, 12-17.	1.8	16
39	Amitriptyline induces coenzyme Q deficiency and oxidative damage in mouse lung and liver. Toxicology Letters, 2011, 204, 32-37.	0.4	16
40	Melatonin-synthesizing enzymes and melatonin receptor in rat thyroid cells. Histology and Histopathology, 2012, 27, 1429-38.	0.5	16
41	Leptin Promotes Dentin Sialophosphoprotein Expression inÂHuman Dental Pulp. Journal of Endodontics, 2015, 41, 487-492.	1.4	14
42	Polyphenolic Maqui Extract as a Potential Nutraceutical to Treat TNBS-Induced Crohnâ€™s Disease by the Regulation of Antioxidant and Anti-Inflammatory Pathways. Nutrients, 2020, 12, 1752.	1.7	14
43	Kinetic profiles of intraepithelial and invasive prostatic neoplasias: the key role of down-regulated apoptosis in tumor progression. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2000, 436, 413-420.	1.4	12
44	Fibroblasts Collagen Production and Histological Alterations in Hereditary Gingival Fibromatosis. Diseases (Basel, Switzerland), 2019, 7, 39.	1.0	9
45	Native Chilean Berries Preservation and In Vitro Studies of a Polyphenol Highly Antioxidant Extract from Maqui as a Potential Agent against Inflammatory Diseases. Antioxidants, 2021, 10, 843.	2.2	9
46	cDNA Sequence and Genomic Structure of the Rat Ret Proto-Oncogene. DNA Sequence, 2000, 11, 405-417.	0.7	8
47	Topoisomerase activities and levels in irradiated Chinese hamster AA8 cells and in its radiosensitive mutant EM9. International Journal of Radiation Biology, 1999, 75, 1035-1042.	1.0	7
48	The Ret proto-oncogene in the WAG/Rij rat strain: an animal model for inherited C-cell carcinoma?. Laboratory Animals, 2003, 37, 215-221.	0.5	7
49	Expression of hypothalamic regulatory peptides in thyroid C cells of different mammals. General and Comparative Endocrinology, 2013, 187, 6-14.	0.8	7
50	Amitriptyline down-regulates coenzyme Q10 biosynthesis in lung cancer cells. European Journal of Pharmacology, 2017, 797, 75-82.	1.7	7
51	Role of dietary Î±- and Î³-tocopherol from Rosa mosqueta oil in the prevention of alterations induced by high-fat diet in a murine model. Nutrition, 2018, 53, 1-8.	1.1	7
52	Quantification of Boron Compound Concentration for BNCT Using Positron Emission Tomography. Cells, 2020, 9, 2084.	1.8	7
53	Study of Histriculus cavicola Cyst Wall Using Different Lectins. Archiv FÃ¼r Protistenkunde, 1996, 146, 329-339.	0.8	5
54	The Effect of Coenzyme Q10on Symptoms of Mother and Son with Fibromyalgia Syndrome. Journal of Musculoskeletal Pain, 2011, 19, 118-119.	0.3	5

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55	Preclinical [18F]tetrafluoroborate-PET/CT imaging of pituitary gland hyperplasia. Japanese Journal of Clinical Oncology, 2018, 48, 200-201.	0.6	4
56	Mitochondrial Imbalance as a New Approach to the Study of Fibromyalgia . Open Access Rheumatology: Research and Reviews, 2020, Volume 12, 175-185.	0.8	3
57	Molecular Study of Signaling-Pathway Genes in Experimental Rat Thyroid Carcinoma. Endocrine Research, 2012, 37, 188-196.	0.6	0