Miguel JosÃ© Ruiz GÃ³mez

List of Publications by Year
in descending order

34 papers	577 citations	687220 13 h-index	642610 23 g-index
34 all docs	34 docs citations	34 times ranked	527 citing authors

#	Article	IF	Citations
1	Static and 50 Hz magnetic fields of 0.35 and 2.45 mT have no effect on the growth of Saccharomyces cerevisiae. Bioelectrochemistry, 2004, 64, 151-155.	2.4	51
2	Electromagnetic Fields and the Induction of DNA Strand Breaks. Electromagnetic Biology and Medicine, 2009, 28, 201-214.	0.7	48
3	Medical Student Education for Abdominal Radiographs in a 3D Virtual Classroom Versus Traditional Classroom: A Randomized Controlled Trial. American Journal of Roentgenology, 2019, 213, 644-650.	1.0	46
4	Gameâ€Based Learning in Virtual Worlds: A Multiuser Online Game for Medical Undergraduate Radiology Education within Second Life. Anatomical Sciences Education, 2020, 13, 602-617.	2.5	44
5	Influence of 1 and 25 Hz, 1.5 mT magnetic fields on antitumor drug potency in a human adenocarcinoma cell line. Bioelectromagnetics, 2002, 23, 578-525.	0.9	37
6	P-glycoprotein, glutathione and glutathione S-transferase increase in a colon carcinoma. Journal of Physiology and Biochemistry, 2000, 56, 307-312.	1.3	34
7	25 Hz electromagnetic field exposure has no effect on cell cycle distribution and apoptosis in U-937 and HCA-2/1cch cells. Bioelectrochemistry, 2001, 53, 137-140.	2.4	34
8	A pilot study to evaluate the use of virtual lectures for undergraduate radiology teaching. European Journal of Radiology, 2013, 82, 888-893.	1.2	31
9	Effect of 2.45 mT sinusoidal 50â€‰Hz magnetic field onSaccharomyces cerevisiaestrains deficient in DNA strand breaks repair. International Journal of Radiation Biology, 2010, 86, 602-611.	1.0	22
10	Methotrexate cytotoxicity on MCF-7 breast cancer cells is not altered by exposure to 25 Hz, 1.5 mT magnetic field and iron (III) chloride hexahydrate. Bioelectrochemistry, 2003, 60, 81-86.	2.4	21
11	Medical Students' and Family Physicians' Attitudes and Perceptions Toward Radiology Learning in the Second Life Virtual World. American Journal of Roentgenology, 2019, 212, 1295-1302.	1.0	20
12	Enhancement of the cell-killing effect of ultraviolet-C radiation by short-term exposure to a pulsed magnetic field. International Journal of Radiation Biology, 2005, 81, 483-490.	1.0	19
13	A team-based competition for undergraduate medical students to learn radiology within the virtual world Second Life. Insights Into Imaging, 2021, 12, 89.	1.6	19
14	Factors and molecular mechanisms of radiation resistance in cancer cells. International Journal of Radiation Biology, 2022, 98, 1301-1315.	1.0	16
15	Growth modification of human colon adenocarcinoma cells exposed to a low-frequency electromagnetic field. Journal of Physiology and Biochemistry, 1999, 55, 79-83.	1.3	14
16	Medical studentsâ€™ skills in image interpretation before and after training: A comparison between 3rd-year and 6th-year students from two different medical curricula. European Journal of Radiology, 2012, 81, 3931-3935.	1.2	13
17	Impact of compulsory participation of medical students in a multiuser online game to learn radiological anatomy and radiological signs within the virtual world Second Life. Anatomical Sciences Education, 2022, 15, 863-876.	2.5	13
18	Multidrug resistance increment in a human colon carcinoma cell line by colchicine. Journal of Physiology and Biochemistry, 2000, 56, 33-38.	1.3	12

#	Article	IF	Citations
19	Microirradiation techniques in radiobiological research. Journal of Biosciences, 2015, 40, 629-643.	0.5	12
20	Long-term exposure to a pulsed magnetic field (1.5â€‰mT, 25â€‰Hz) increases genomic DNA spontaneous degradation. Electromagnetic Biology and Medicine, 2014, 33, 228-235.	0.7	10
21	Evidences of the (400 MHz â€“ 3 GHz) radiofrequency electromagnetic field influence on brain tumor induction. International Journal of Environmental Health Research, 2022, 32, 121-130.	1.3	10
22	No Effect of 50 Hz 2.45 mT Magnetic Field on the Potency of Cisplatin, Mitomycin C, and Methotrexate inS. cerevisiae. Electromagnetic Biology and Medicine, 2008, 27, 289-297.	0.7	9
23	No Evidence of Cellular Alterations by MilliTesla-Level Static and 50â€‰Hz Magnetic Fields onS. cerevisiae. Electromagnetic Biology and Medicine, 2010, 29, 154-164.	0.7	8
24	Cellular aging: theories and technological influence. Brazilian Archives of Biology and Technology, 2010, 53, 1319-1332.	0.5	6
25	Inactivation of RAD52 and HDF1 DNA repair genes leads to premature chronological aging and cellular instability. Journal of Biosciences, 2017, 42, 219-230.	0.5	6
26	Effect of sinusoidal and pulsed magnetic field exposure on the chronological aging and cellular stability ofS. cerevisiae. International Journal of Radiation Biology, 2019, 95, 1588-1596.	1.0	6
27	Iron(III) Chloride Hexahydrate Does Not Enhance Methotrexate Cytotoxicity on Saccharomyces cerevisiae. Chemotherapy, 2006, 52, 226-230.	0.8	5
28	Effect of low frequency magnetic field on efficiency of chromosome break repair. Electromagnetic Biology and Medicine, 2020, 39, 30-37.	0.7	3
29	Exposure of S. cerevisiae to pulsed magnetic field during chronological aging could induce genomic DNA damage. International Journal of Environmental Health Research, 2022, 32, 1756-1767.	1.3	3
30	Identification of new proteins related with cisplatin resistance in Saccharomyces cerevisiae. Applied Microbiology and Biotechnology, 2021, 105, 1965-1977.	1.7	2
31	Growth alteration of Allium cepa L. roots exposed to 1.5 mT, 25 Hz pulsed magnetic field. International Journal of Environmental Health Research, 2022, 32, 2471-2483.	1.3	2
32	Verapamil sensitisation to alkaloids on colchicine-selected human colon adenocarcinoma cells. Journal of Physiology and Biochemistry, 2001, 57, 343-344.	1.3	1
33	Stochastic modeling for a better approach of the in vitro observed growth of colon adenocarcinoma cells. Brazilian Archives of Biology and Technology, 2006, 49, 219-224.	0.5	0
34	Telomere instability caused by subtelomeric Y' amplification and rearrangements in Saccharomyces cerevisiae (ku70 tel1 and ku70 rad50) double mutants. Indian Journal of Experimental Biology, 2011, 49, 324-31.	0.5	0