

Antonella Lisi

List of Publications by Year in descending order

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41
papers

879
citations

471061

17
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476904

29
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41
all docs

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docs citations

41
times ranked

1192
citing authors

#	ARTICLE	IF	CITATIONS
1	Differentiation of human adult cardiac stem cells exposed to extremely low-frequency electromagnetic fields. <i>Cardiovascular Research</i> , 2009, 82, 411-420.	1.8	104
2	Effects of extremely low frequency (50 Hz) magnetic field on morphological and biochemical properties of human keratinocytes. <i>Bioelectromagnetics</i> , 2002, 23, 298-305.	0.9	64
3	Extremely low frequency electromagnetic field exposure promotes differentiation of pituitary corticotrope-derived AtT20 D16V cells. <i>Bioelectromagnetics</i> , 2006, 27, 641-651.	0.9	57
4	Bioelectromagnetic medicine: The role of resonance signaling. <i>Electromagnetic Biology and Medicine</i> , 2013, 32, 484-499.	0.7	52
5	Low electromagnetic field (50 Hz) induces differentiation on primary human oral keratinocytes (HOK). <i>Bioelectromagnetics</i> , 2004, 25, 118-126.	0.9	42
6	A Combined Synthetic-Fibrin Scaffold Supports Growth and Cardiomyogenic Commitment of Human Placental Derived Stem Cells. <i>PLoS ONE</i> , 2012, 7, e34284.	1.1	39
7	In vitro biocompatibility study of sub-50 nm silica-coated magnetic iron oxide fluorescent nanoparticles for potential biomedical application. <i>Scientific Reports</i> , 2017, 7, 46513.	1.6	39
8	Biocompatibility assessment of sub-5 nm silica-coated superparamagnetic iron oxide nanoparticles in human stem cells and in mice for potential application in nanomedicine. <i>Nanoscale</i> , 2020, 12, 1759-1778.	2.8	36
9	Exposure to 50 Hz electromagnetic radiation promote early maturation and differentiation in newborn rat cerebellar granule neurons. <i>Journal of Cellular Physiology</i> , 2005, 204, 532-538.	2.0	34
10	Ion Cyclotron Resonance as a Tool in Regenerative Medicine. <i>Electromagnetic Biology and Medicine</i> , 2008, 27, 127-133.	0.7	34
11	Action of combined magnetic fields on aqueous solution of glutamic acid: the further development of investigations. <i>Biomagnetic Research and Technology</i> , 2008, 6, 1.	2.0	34
12	Extremely Low Frequency 7 Hz 100 μ T Electromagnetic Radiation Promotes Differentiation in the Human Epithelial Cell Line HaCaT. <i>Electromagnetic Biology and Medicine</i> , 2006, 25, 269-280.	0.7	30
13	Increased spermine oxidase (SMO) activity as a novel differentiation marker of myogenic C2C12 cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 934-944.	1.2	29
14	Cellular ELF Signals as a Possible Tool in Informative Medicine. <i>Electromagnetic Biology and Medicine</i> , 2009, 28, 71-79.	0.7	29
15	Array of disordered silicon nanowires coated by a gold film for combined NIR photothermal treatment of cancer cells and Raman monitoring of the process evolution. <i>Nanotechnology</i> , 2018, 29, 415102.	1.3	24
16	Evidence for electro-chemical interactions between multi-walled carbon nanotubes and human macrophages. <i>Carbon</i> , 2009, 47, 2789-2804.	5.4	21
17	Calcium Ion Cyclotron Resonance (ICR) Transfers Information to Living Systems: Effects on Human Epithelial Cell Differentiation. <i>Electromagnetic Biology and Medicine</i> , 2008, 27, 230-240.	0.7	19
18	Experimental Finding on the Electromagnetic Information Transfer of Specific Molecular Signals Mediated Through the Aqueous System on Two Human Cellular Models. <i>Journal of Alternative and Complementary Medicine</i> , 2012, 18, 258-261.	2.1	17

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19	Interdisciplinary approach to cell–biomaterial interactions: biocompatibility and cell friendly characteristics of RKKP glass–ceramic coatings on titanium. <i>Biomedical Materials</i> (Bristol), 2015, 10, 035005.	1.7	16
20	Non Ionising Radiation as a Non Chemical Strategy in Regenerative Medicine: Ca ²⁺ -ICR –In Vitro–Effect on Neuronal Differentiation and Tumorigenicity Modulation in NT2 Cells. <i>PLoS ONE</i> , 2013, 8, e61535.	1.1	15
21	Nonpulsed Sinusoidal Electromagnetic Fields as a Noninvasive Strategy in Bone Repair: The Effect on Human Mesenchymal Stem Cell Osteogenic Differentiation. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 207-217.	1.1	14
22	Nonionizing Radiation as a Noninvasive Strategy in Regenerative Medicine: The Effect of Ca ²⁺ -ICR on Mouse Skeletal Muscle Cell Growth and Differentiation. <i>Tissue Engineering - Part A</i> , 2012, 18, 2248-2258.	1.6	12
23	The trail from quantum electro dynamics to informative medicine. <i>Electromagnetic Biology and Medicine</i> , 2015, 34, 147-150.	0.7	12
24	Calcium Ion Cyclotron Resonance (ICR), 7.0–Hz, 9.2–T Magnetic Field Exposure Initiates Differentiation of Pituitary Corticotrope-Derived AtT20 D16V Cells. <i>Electromagnetic Biology and Medicine</i> , 2010, 29, 63-71.	0.7	11
25	Placenta Derived Mesenchymal Stem Cells Hosted on RKKP Glass-Ceramic: A Tissue Engineering Strategy for Bone Regenerative Medicine Applications. <i>BioMed Research International</i> , 2016, 2016, 1-11.	0.9	10
26	Electromagnetic information transfer through aqueous system. <i>Electromagnetic Biology and Medicine</i> , 2017, 36, 289-294.	0.7	10
27	Silver-coated silicon nanowire platform discriminates genomic DNA from normal and malignant human epithelial cells using label-free Raman spectroscopy. <i>Materials Science and Engineering C</i> , 2021, 122, 111951.	3.8	10
28	Morphological and biochemical analysis by atomic force microscopy and scanning near-field optical microscopy techniques of human keratinocytes (HaCaT) exposed to extremely low frequency 50 Hz magnetic field. <i>Applied Physics Letters</i> , 2002, 81, 2890-2892.	1.5	8
29	Differentiation of Human LAN-5 Neuroblastoma Cells Induced by Extremely Low Frequency Electronically Transmitted Retinoic Acid. <i>Journal of Alternative and Complementary Medicine</i> , 2011, 17, 701-704.	2.1	8
30	Cord Blood CD133 Cells Define an OV6-Positive Population That Can Be Differentiated In Vitro into Engraftable Bipotent Hepatic Progenitors. <i>Stem Cells and Development</i> , 2011, 20, 2009-2021.	1.1	7
31	USE OF OCTADECYL RHODAMINE FLUORESCENCE DEQUENCHING TO STUDY VESICULAR STOMATITIS VIRUS FUSION WITH HUMAN AGED RED BLOOD CELLS. <i>Photochemistry and Photobiology</i> , 1993, 57, 426-430.	1.3	6
32	ELF Non Ionizing Radiation Changes the Distribution of the Inner Chemical Functional Groups in Human Epithelial Cell (HaCaT) Culture. <i>Electromagnetic Biology and Medicine</i> , 2006, 25, 281-289.	0.7	6
33	Biological Response to Bioinspired Microporous 3D-Printed Scaffolds for Bone Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5383.	1.8	6
34	Highly electroconductive multiwalled carbon nanotubes as potentially useful tools for modulating calcium balancing in biological environments. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 299-307.	1.7	5
35	Early Events of Fusion Between Epstein Barr Virus and Human Lymphoblastoid Cells (Raji) Detected by R18 Fluorescence Dequenching Measurements. <i>Membrane Biochemistry</i> , 1990, 9, 239-251.	0.6	4
36	Cocaine Potentiates the Switch between Latency and Replication of Epstein–Barr Virus in Raji Cells. <i>Biochemical and Biophysical Research Communications</i> , 1999, 264, 33-36.	1.0	4

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37	Non-Ionizing Radiation for Cardiac Human Amniotic Mesenchymal Stromal Cell Commitment: A Physical Strategy in Regenerative Medicine. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2324.	1.8	4
38	Raman Mapping of Biological Systems Interacting with a Disordered Nanostructured Surface: A Simple and Powerful Approach to the Label-Free Analysis of Single DNA Bases. <i>Micromachines</i> , 2021, 12, 264.	1.4	4
39	Copper ion fluxes through the floating water bridge under strong electric potential. <i>Electromagnetic Biology and Medicine</i> , 2015, 34, 167-169.	0.7	2
40	Combination of cord blood-derived human hepatic progenitors and hepatogenic factors strongly improves recovery after acute liver injury in mice through modulation of the Wnt/ β -catenin signaling. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1031-1043.	1.3	1
41	Extremely low frequency magnetic field induces differentiation of the human cardiac stem cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, S91.	0.9	0