Antonella Lisi

List of Publications by Year
in descending order

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41 papers	879 citations	471371 17 h-index	477173 29 g-index
41 all docs	41 docs citations	41 times ranked	1192 citing authors

#	Article	IF	Citations
1	Biological Response to Bioinspired Microporous 3D-Printed Scaffolds for Bone Tissue Engineering. International Journal of Molecular Sciences, 2022, 23, 5383.	1.8	6
2	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. Micromachines, 2021, 12, 264.	1.4	4
3	Silver-coated silicon nanowire platform discriminates genomic DNA from normal and malignant human epithelial cells using label-free Raman spectroscopy. Materials Science and Engineering C, 2021, 122, 111951.	3.8	10
4	Biocompatibility assessment of sub-5 nm silica-coated superparamagnetic iron oxide nanoparticles in human stem cells and in mice for potential application in nanomedicine. Nanoscale, 2020, 12, 1759-1778.	2.8	36
5	Combination of cord bloodâ€derived human hepatic progenitors and hepatogenic factors strongly improves recovery after acute liver injury in mice through modulation of the Wnt/Î²â€catenin signaling. Journal of Tissue Engineering and Regenerative Medicine, 2019, 13, 1031-1043.	1.3	1
6	Non-Ionizing Radiation for Cardiac Human Amniotic Mesenchymal Stromal Cell Commitment: A Physical Strategy in Regenerative Medicine. International Journal of Molecular Sciences, 2018, 19, 2324.	1.8	4
7	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. Nanotechnology, 2018, 29, 415102.	1.3	24
8	In vitro biocompatibility study of sub-5â€‰nm silica-coated magnetic iron oxide fluorescent nanoparticles for potential biomedical application. Scientific Reports, 2017, 7, 46513.	1.6	39
9	Electromagnetic information transfer through aqueous system. Electromagnetic Biology and Medicine, 2017, 36, 289-294.	0.7	10
10	Placenta Derived Mesenchymal Stem Cells Hosted on RKKP Glass-Ceramic: A Tissue Engineering Strategy for Bone Regenerative Medicine Applications. BioMed Research International, 2016, 2016, 1-11.	0.9	10
11	Interdisciplinary approach to cellâ€“biomaterial interactions: biocompatibility and cell friendly characteristics of RKKP glassâ€“ceramic coatings on titanium. Biomedical Materials (Bristol), 2015, 10, 035005.	1.7	16
12	The trail from quantum electro dynamics to informative medicine. Electromagnetic Biology and Medicine, 2015, 34, 147-150.	0.7	12
13	Copper ion fluxes through the floating water bridge under strong electric potential. Electromagnetic Biology and Medicine, 2015, 34, 167-169.	0.7	2
14	Nonpulsed Sinusoidal Electromagnetic Fields as a Noninvasive Strategy in Bone Repair: The Effect on Human Mesenchymal Stem Cell Osteogenic Differentiation. Tissue Engineering - Part C: Methods, 2015, 21, 207-217.	1.1	14
15	Bioelectromagnetic medicine: The role of resonance signaling. Electromagnetic Biology and Medicine, 2013, 32, 484-499.	0.7	52
16	Non Ionising Radiation as a Non Chemical Strategy in Regenerative Medicine: Ca2+-ICR â€œIn Vitroâ€•Effect on Neuronal Differentiation and Tumorigenicity Modulation in NT2 Cells. PLoS ONE, 2013, 8, e61535.	1.1	15
17	Nonionizing Radiation as a Noninvasive Strategy in Regenerative Medicine: The Effect of Ca²⁺-ICR on Mouse Skeletal Muscle Cell Growth and Differentiation. Tissue Engineering - Part A, 2012, 18, 2248-2258.	1.6	12
18	Experimental Finding on the Electromagnetic Information Transfer of Specific Molecular Signals Mediated Through the Aqueous System on Two Human Cellular Models. Journal of Alternative and Complementary Medicine, 2012, 18, 258-261.	2.1	17

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19	A Combined Synthetic-Fibrin Scaffold Supports Growth and Cardiomyogenic Commitment of Human Placental Derived Stem Cells. PLoS ONE, 2012, 7, e34284.	1.1	39
20	Highly electroconductive multiwalled carbon nanotubes as potentially useful tools for modulating calcium balancing in biological environments. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 299-307.	1.7	5
21	Differentiation of Human LAN-5 Neuroblastoma Cells Induced by Extremely Low Frequency Electronically Transmitted Retinoic Acid. Journal of Alternative and Complementary Medicine, 2011, 17, 701-704.	2.1	8
22	Cord Blood CD133 Cells Define an OV6-Positive Population That Can Be Differentiated In Vitro into Engraftable Bipotent Hepatic Progenitors. Stem Cells and Development, 2011, 20, 2009-2021.	1.1	7
23	Calcium Ion Cyclotron Resonance (ICR), 7.0â€‰Hz, 9.2â€‰Î¼T Magnetic Field Exposure Initiates Differentiation of Pituitary Corticotrope-Derived AtT20 D16V Cells. Electromagnetic Biology and Medicine, 2010, 29, 63-71.	0.7	11
24	Evidence for electro-chemical interactions between multi-walled carbon nanotubes and human macrophages. Carbon, 2009, 47, 2789-2804.	5.4	21
25	Increased spermine oxidase (SMO) activity as a novel differentiation marker of myogenic C2C12 cells. International Journal of Biochemistry and Cell Biology, 2009, 41, 934-944.	1.2	29
26	Differentiation of human adult cardiac stem cells exposed to extremely low-frequency electromagnetic fields. Cardiovascular Research, 2009, 82, 411-420.	1.8	104
27	Cellular ELF Signals as a Possible Tool in Informative Medicine. Electromagnetic Biology and Medicine, 2009, 28, 71-79.	0.7	29
28	Ion Cyclotron Resonance as a Tool in Regenerative Medicine. Electromagnetic Biology and Medicine, 2008, 27, 127-133.	0.7	34
29	Action of combined magnetic fields on aqueous solution of glutamic acid: the further development of investigations. Biomagnetic Research and Technology, 2008, 6, 1.	2.0	34
30	Calcium Ion Cyclotron Resonance (ICR) Transfers Information to Living Systems: Effects on Human Epithelial Cell Differentiation. Electromagnetic Biology and Medicine, 2008, 27, 230-240.	0.7	19
31	Extremely low frequency magnetic field induces differentiation of the human cardiac stem cells. Journal of Molecular and Cellular Cardiology, 2007, 42, S91.	0.9	0
32	Extremely low frequency electromagnetic field exposure promotes differentiation of pituitary corticotrope-derived AtT20 D16V cells. Bioelectromagnetics, 2006, 27, 641-651.	0.9	57
33	ELF Non Ionizing Radiation Changes the Distribution of the Inner Chemical Functional Groups in Human Epithelial Cell (HaCaT) Culture. Electromagnetic Biology and Medicine, 2006, 25, 281-289.	0.7	6
34	Extremely Low Frequency 7 Hz 100 ÂµT Electromagnetic Radiation Promotes Differentiation in the Human Epithelial Cell Line HaCaT. Electromagnetic Biology and Medicine, 2006, 25, 269-280.	0.7	30
35	Exposure to 50 Hz electromagnetic radiation promote early maturation and differentiation in newborn rat cerebellar granule neurons. Journal of Cellular Physiology, 2005, 204, 532-538.	2.0	34
36	Low electromagnetic field (50 Hz) induces differentiation on primary human oral keratinocytes (HOK). Bioelectromagnetics, 2004, 25, 118-126.	0.9	42

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37	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. Applied Physics Letters, 2002, 81, 2890-2892.	1.5	8
38	Effects of extremely low frequency (50 Hz) magnetic field on morphological and biochemical properties of human keratinocytes. Bioelectromagnetics, 2002, 23, 298-305.	0.9	64
39	Cocaine Potentiates the Switch between Latency and Replication of Epsteinâ€“Barr Virus in Raji Cells. Biochemical and Biophysical Research Communications, 1999, 264, 33-36.	1.0	4
40	USE OF OCTADECYLRHODAMINE FLUORESCENCE DEQUENCHING TO STUDY VESICULAR STOMATITIS VIRUS FUSION WITH HUMAN AGED RED BLOOD CELLS. Photochemistry and Photobiology, 1993, 57, 426-430.	1.3	6
41	Early Events of Fusion Between Epstein Barr Virus and Human Lymphoblastoid Cells (Raji) Detected by R18 Fluorescence Dequenching Measurements. Membrane Biochemistry, 1990, 9, 239-251.	0.6	4