

Yuriy G Shekhorbatov

List of Publications by Year in descending order

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44
papers

205
citations

1162367

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45
all docs

45
docs citations

45
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	The Application of Pulsed Electric Fields and Other Types of Electromagnetic Radiation in Therapy of Cancer. , 2018, , .		0
2	Changes in Puffing Pattern of <i>Drosophila melanogaster</i> (Diptera: Drosophilidae) Polytene Chromosomes after Egg Exposure to Microwave Radiation and Magnetic Field. Journal of Entomological Science, 2018, 53, 295-306.	0.2	0
3	Device for the formation of a signal to study the influence of low-frequency field on biological objects. , 2018, , .		0
4	Properties of Chromatin in Human Cells as Characteristics of the State of Human Organism: A Review. Advances in Complementary & Alternative Medicine, 2018, 1, .	0.2	0
5	Response to Doxorubicin of Exfoliated Human Buccal Epithelium Cells: Comparison of Three Methods of Cell Staining and Calcium Assessment. Current Drug Discovery Technologies, 2018, 15, 142-148.	0.6	1
6	Modification of cellular effects of exposure to gamma-radiation by microwaves and magnetic field. , 2016, , .		0
7	Impact of electromagnetic radiation on human and animal cells: Approaches, results, perspectives. , 2016, , .		0
8	Changes of chromatin and cell membranes in exfoliated human buccal epithelium cells exposed to non-ionizing and ionizing electromagnetic fields. , 2016, , .		0
9	Effects of 36.6 GHz and static magnetic field on degree of endoreduplication in <i>Drosophila melanogaster</i> polytene chromosomes. International Journal of Radiation Biology, 2016, 92, 222-227.	1.0	10
10	Numerical simulation and experimental investigation of human cell irradiation by impulse electromagnetic field. , 2015, , .		0
11	Calculation of experimental apparatus for biological object irradiation by impulse electromagnetic field. , 2015, , .		1
12	The Main Approaches of Studying the Mechanisms of Action of Artificial Electromagnetic Fields on Cell. Journal of Electrical & Electronic Systems, 2014, 03, .	0.2	12
13	Effect of Some Triterpene Glycosides Applied in vitro on Chromatin State in Human Cells. Current Bioactive Compounds, 2014, 10, 37-43.	0.2	2
14	Interceptor effect of C60 fullerene on the in vitro action of aromatic drug molecules. European Biophysics Journal, 2014, 43, 265-276.	1.2	44
15	Effects of ultra-wideband radiation on viability of human cells. , 2012, , .		0
16	Simulation of microwave exposure of human cells by electromagnetic field of EMF band. , 2011, , .		2
17	Cell nucleus and membrane recovery after exposure to microwaves. Proceedings of the Latvian Academy of Sciences, 2011, 65, 13-20.	0.0	7
18	Effects of microwaves on the puffing pattern of <i>D. melanogaster</i> . Open Life Sciences, 2011, 6, 524-530.	0.6	10

#	ARTICLE	IF	CITATIONS
19	Electromagnetic field effects on Artemia hatching and chromatin state. Open Life Sciences, 2010, 5, 785-790.	0.6	7
20	Effects of differently polarized microwave radiation on the microscopic structure of the nuclei in human fibroblasts. Journal of Zhejiang University: Science B, 2010, 11, 801-805.	1.3	8
21	Biological effects of ultrawideband radiation. , 2010, , .		1
22	Cellular effects of ultrawideband ultrashort pulsed radiation and microwave radiation exposure. , 2010, , .		0
23	Changes in the human nuclear chromatin induced by ultra wideband pulse irradiation. Open Life Sciences, 2009, 4, 97-106.	0.6	9
24	The influence of differently polarised microwave radiation on chromatin in human cells. International Journal of Radiation Biology, 2009, 85, 322-329.	1.0	18
25	Similarities in protein amino acid composition in connection with principles of protein evolution. Open Life Sciences, 2008, 3, 205-209.	0.6	0
26	Cell recovery from ultrawideband pulse irradiation. , 2008, , .		0
27	The influence of circularly polarized microwave irradiation on properties of plasma membrane of human cells. , 2008, , .		0
28	Drosophila melanogaster viability and mutability under the influence of low energy microwave monochromatic and ultra wideband impulse field. , 2007, , .		3
29	Long-Term Effects of Low-Level Microwave Radiation on Mutation Frequency in Drosophila. , 2007, , .		2
30	Cell Effects of Electromagnetic Radiation. , 2006, , .		0
31	The Effects of Short Exposition to Low-Energy Impulse Irradiation on Human Cells. , 2006, , .		1
32	Regularities in the E. coli promoters composition in connection with the DNA strands interaction and promoter activity. Journal of Zhejiang University: Science B, 2006, 7, 969-973.	1.3	1
33	Influence of Constant and Revolving Magnetic Field on Viability of Drosophila at Embryonic Stage and on Chromatin State in Human Cells. , 2006, , .		0
34	A Comparative Study of the Different Ways of Cells Illumination and Computer Processing of the Obtained Information. , 2006, , .		0
35	Chromatin structure and the state of human organism. Cell Biology International, 2005, 29, 77-81.	1.4	5
36	Influence of constant and revolving magnetic field on drosophila melanogaster viability. , 2005, , .		0

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37	Dependence of the E. coli promoter strength and physical parameters upon the nucleotide sequence. Journal of Zhejiang University Science B, 2005, 6B, 1063-1068.	0.4	4
38	Application of intracellular microelectrophoresis to analysis of the influence of the low-level microwave radiation on electrokinetic properties of nuclei in human epithelial cells. Electrophoresis, 2002, 23, 2074.	1.3	16
39	The influence of electromagnetic radiation of millimeter and centimeter range on human epithelial cells. , 2000, , .		0
40	He-Ne Laser Light Induced Changes in the State of Chromatin in Human Cells. Die Naturwissenschaften, 1999, 86, 452-453.	0.6	16
41	Changes in the state of human cell nuclei under the influence of microwave irradiation. , 1999, , .		0
42	On age-related changes of cell membrane permeability in human buccal epithelium cells. Mechanisms of Ageing and Development, 1995, 83, 87-90.	2.2	24
43	The influence of microwave irradiation on human epithelial cells. , 0, , .		0
44	Influence of the microwave radiation of different polarization state on transinactivation effect and viability of Drosophila. , 0, , .		1