

# Yuriy G Shekhorbatov

## List of Publications by Year in descending order

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44  
papers

205  
citations

1162367

8  
h-index

1125271

13  
g-index

45  
all docs

45  
docs citations

45  
times ranked

151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interceptor effect of C60 fullerene on the in vitro action of aromatic drug molecules. European Biophysics Journal, 2014, 43, 265-276.	1.2	44
2	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
3	The influence of differently polarised microwave radiation on chromatin in human cells. International Journal of Radiation Biology, 2009, 85, 322-329.	1.0	18
4	He-Ne Laser Light Induced Changes in the State of Chromatin in Human Cells. Die Naturwissenschaften, 1999, 86, 452-453.	0.6	16
5	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
6	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
7	Effects of microwaves on the puffing pattern of <i>D. melanogaster</i> . Open Life Sciences, 2011, 6, 524-530.	0.6	10
8	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
9	Changes in the human nuclear chromatin induced by ultra wideband pulse irradiation. Open Life Sciences, 2009, 4, 97-106.	0.6	9
10	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
11	Electromagnetic field effects on <i>Artemia</i> hatching and chromatin state. Open Life Sciences, 2010, 5, 785-790.	0.6	7
12	Cell nucleus and membrane recovery after exposure to microwaves. Proceedings of the Latvian Academy of Sciences, 2011, 65, 13-20.	0.0	7
13	Chromatin structure and the state of human organism. Cell Biology International, 2005, 29, 77-81.	1.4	5
14	Dependence of the <i>E. coli</i> promoter strength and physical parameters upon the nucleotide sequence. Journal of Zhejiang University Science B, 2005, 6B, 1063-1068.	0.4	4
15	<i>Drosophila melanogaster</i> viability and mutability under the influence of low energy microwave monochromatic and ultra wideband impulse field. , 2007, , .		3
16	Long-Term Effects of Low-Level Microwave Radiation on Mutation Frequency in <i>Drosophila</i> . , 2007, , .		2
17	Simulation of microwave exposure of human cells by electromagnetic field of EMF band. , 2011, , .		2
18	Effect of Some Triterpene Glycosides Applied in vitro on Chromatin State in Human Cells. Current Bioactive Compounds, 2014, 10, 37-43.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Influence of the microwave radiation of different polarization state on transinactivation effect and viability of Drosophila. , 0, , .		1
20	The Effects of Short Exposition to Low-Energy Impulse Irradiation on Human Cells. , 2006, , .		1
21	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
22	Biological effects of ultrawideband radiation. , 2010, , .		1
23	Calculation of experimental apparatus for biological object irradiation by impulse electromagnetic field. , 2015, , .		1
24	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
25	Changes in the state of human cell nuclei under the influence of microwave irradiation. , 1999, , .		0
26	The influence of electromagnetic radiation of millimeter and centimeter range on human epithelial cells. , 2000, , .		0
27	The influence of microwave irradiation on human epithelial cells. , 0, , .		0
28	Influence of constant and revolving magnetic field on drosophila melanogaster viability. , 2005, , .		0
29	Cell Effects of Electromagnetic Radiation. , 2006, , .		0
30	Influence of Constant and Revolving Magnetic Field on Viability of Drosophila at Embryonic Stage and on Chromatin State in Human Cells. , 2006, , .		0
31	A Comparative Study of the Different Ways of Cells Illumination and Computer Processing of the Obtained Information. , 2006, , .		0
32	Similarities in protein amino acid composition in connection with principles of protein evolution. Open Life Sciences, 2008, 3, 205-209.	0.6	0
33	Cell recovery from ultrawideband pulse irradiation. , 2008, , .		0
34	The influence of circularly polarized microwave irradiation on properties of plasma membrane of human cells. , 2008, , .		0
35	Cellular effects of ultrawideband ultrashort pulsed radiation and microwave radiation exposure. , 2010, , .		0
36	Effects of ultra-wideband radiation on viability of human cells. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
37	Numerical simulation and experimental investigation of human cell irradiation by impulse electromagnetic field. , 2015, , .		0
38	Modification of cellular effects of exposure to gamma-radiation by microwaves and magnetic field. , 2016, , .		0
39	Impact of electromagnetic radiation on human and animal cells: Approaches, results, perspectives. , 2016, , .		0
40	Changes of chromatin and cell membranes in exfoliated human buccal epithelium cells exposed to non-ionizing and ionizing electromagnetic fields. , 2016, , .		0
41	The Application of Pulsed Electric Fields and Other Types of Electromagnetic Radiation in Therapy of Cancer. , 2018, , .		0
42	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
43	Device for the formation of a signal to study the influence of low-frequency field on biological objects. , 2018, , .		0
44	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