

Oleg A Kuznetsov

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

859
citations

759233

12
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

821
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracellular magnetophoresis of amyloplasts and induction of root curvature. <i>Planta</i> , 1996, 198, 87-94.	3.2	133
2	Evaluation of ferromagnetic fluids and suspensions for the site-specific radiofrequency-induced hyperthermia of MX11 sarcoma cells in vitro. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 225, 113-117.	2.3	107
3	New ferro-carbon adsorbents for magnetically guided transport of anti-cancer drugs. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 194, 22-30.	2.3	92
4	Application of magnetic liposomes for magnetically guided transport of muscle relaxants and anti-cancer photodynamic drugs. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 225, 95-100.	2.3	90
5	Curvature in Arabidopsis Inflorescence Stems Is Limited to the Region of Amyloplast Displacement. <i>Plant and Cell Physiology</i> , 2000, 41, 702-709.	3.1	79
6	Magnetophoretic induction of curvature in coleoptiles and hypocotyls. <i>Journal of Experimental Botany</i> , 1997, 48, 1951-1957.	4.8	62
7	Local radiofrequency-induced hyperthermia using CuNi nanoparticles with therapeutically suitable Curie temperature. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 311, 197-203.	2.3	60
8	Curvature Induced by Amyloplast Magnetophoresis in Protonemata of the Moss <i>Ceratodon purpureus</i> 1. <i>Plant Physiology</i> , 1999, 119, 645-650.	4.8	43
9	Correlation of the coagulation rates and toxicity of biocompatible ferromagnetic microparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 194, 83-89.	2.3	40
10	The response of lazy-2 tomato seedlings to curvature-inducing magnetic gradients is modulated by light. <i>Planta</i> , 1999, 208, 59-65.	3.2	27
11	ESR study of thermal demagnetization processes in ferromagnetic nanoparticles with Curie temperatures between 40 and. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 311, 204-207.	2.3	27
12	Metal-organic magnetic materials based on cobalt phthalocyanine and possibilities of their application in medicine. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 194, 16-21.	2.3	22
13	Ferro-Carbon Particles. , 1997, , 379-389.		20
14	Intracellular magnetophoresis of statoliths in <i>Chara</i> rhizoids and analysis of cytoplasm viscoelasticity. <i>Advances in Space Research</i> , 2001, 27, 887-892.	2.6	11
15	Germination and elongation of flax in microgravity. <i>Advances in Space Research</i> , 2003, 31, 2261-2268.	2.6	10
16	Synchronous ultrasonic Doppler imaging of magnetic microparticles in biological tissues. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 1552-1556.	2.3	9
17	Magnetophoretic Characterization of the Plant Gravity Receptor. , 1997, , 429-444.		8
18	Oxygen requirement of germinating flax seeds. <i>Advances in Space Research</i> , 2003, 31, 2211-2214.	2.6	6

#	ARTICLE	IF	CITATIONS
19	Biodistribution of doxorubicin and nanostructured ferrocyanide carrier particles in organism during magnetically controlled drug delivery. Journal of Magnetism and Magnetic Materials, 2009, 321, 1575-1579.	2.3	6
20	New Method of Biological Fluid Detoxification Based on Magnetic Adsorbents. , 1997, , 391-397.		5
21	Approach to magnetic neutron capture therapy. International Journal of Radiation Oncology Biology Physics, 2005, 63, 930-933.	0.8	2