

Zsolt Szegletes

List of Publications by Year in descending order

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34
papers

820
citations

471509

17
h-index

501196

28
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34
all docs

34
docs citations

34
times ranked

1380
citing authors

#	ARTICLE	IF	CITATIONS
1	Optically Manipulated Microtools to Measure Adhesion of the Nanoparticle-Targeting Ligand Glutathione to Brain Endothelial Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 39018-39029.	8.0	5
2	Combination of Alanine and Glutathione as Targeting Ligands of Nanoparticles Enhances Cargo Delivery into the Cells of the Neurovascular Unit. <i>Pharmaceutics</i> , 2020, 12, 635.	4.5	14
3	Melanoma-Derived Exosomes Induce PD-1 Overexpression and Tumor Progression via Mesenchymal Stem Cell Oncogenic Reprogramming. <i>Frontiers in Immunology</i> , 2019, 10, 2459.	4.8	39
4	De-adhesion dynamics of melanoma cells from brain endothelial layer. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 745-751.	2.4	5
5	Direct mapping of melanoma cell –endothelial cell interactions. <i>Journal of Molecular Recognition</i> , 2017, 30, e2603.	2.1	5
6	Stressors alter intercellular communication and exosome profile of nasopharyngeal carcinoma cells. <i>Journal of Oral Pathology and Medicine</i> , 2017, 46, 259-266.	2.7	38
7	Antimicrobial nodule-specific cysteine-rich peptides disturb the integrity of bacterial outer and inner membranes and cause loss of membrane potential. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2016, 15, 43.	3.8	43
8	Elasto-mechanical properties of living cells. <i>Biochemistry and Biophysics Reports</i> , 2016, 7, 303-308.	1.3	17
9	Segmental nitrogen doping and carboxyl functionalization of multi-walled carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 2472-2478.	1.5	4
10	Interaction of Cysteine-rich cationic antimicrobial peptides with intact bacteria and model membranes. <i>General Physiology and Biophysics</i> , 2015, 34, 135-144.	0.9	16
11	Melanoma cell-derived exosomes alter macrophage and dendritic cell functions in vitro. <i>Immunology Letters</i> , 2012, 148, 34-38.	2.5	96
12	Aminosilane-based functionalization of two-photon polymerized 3D SU-8 microstructures. <i>European Polymer Journal</i> , 2012, 48, 1745-1754.	5.4	35
13	Artificial and Natural Membranes. , 2012, , .		0
14	Adhesion and stress relaxation forces between melanoma and cerebral endothelial cells. <i>European Biophysics Journal</i> , 2012, 41, 139-145.	2.2	15
15	Spatial and temporal dependence of the cerebral endothelial cells elasticity. <i>Journal of Molecular Recognition</i> , 2011, 24, 422-428.	2.1	15
16	Effect of Antimicrobial Peptide-Amide: Indolicidin on Biological Membranes. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-6.	3.0	19
17	Adsorption and Self-Assembly of Oligodeoxynucleotides onto a Mica Surface. <i>Journal of Physical Chemistry C</i> , 2007, 111, 17032-17037.	3.1	10
18	Phospholipid Bilayers as Biomembrane-like Barriers in Layer-by-Layer Polyelectrolyte Films. <i>Langmuir</i> , 2007, 23, 8236-8242.	3.5	25

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19	Changes induced by hyperosmotic mannitol in cerebral endothelial cells: an atomic force microscopic study. <i>European Biophysics Journal</i> , 2007, 36, 113-120.	2.2	34
20	Differences in photorespiration, glutamine synthetase and polyamines between fragmented and closed stands of <i>Phragmites australis</i> . <i>Aquatic Botany</i> , 2001, 69, 165-176.	1.6	10
21	Accumulation of osmoprotectants in wheat cultivars of different drought tolerance. <i>Cereal Research Communications</i> , 2000, 28, 403-410.	1.6	42
22	Growth of and potassium transport in winter wheat and durum wheat as affected by various aluminum exposure times. <i>Journal of Plant Nutrition</i> , 2000, 23, 913-926.	1.9	12
23	Relationship Between the Structure of Some Humic Compounds and Their Inhibitory Effects on Carp Catalase. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1999, 63, 751-758.	2.7	8
24	syrM Is Involved in the Determination of the Amount and Ratio of the Two Forms of the Acidic Exopolysaccharide EPSI in <i>Rhizobium meliloti</i> . <i>Molecular Plant-Microbe Interactions</i> , 1999, 12, 755-765.	2.6	26
25	Aluminium and nitrite induced alteration in potassium transport of wheat. <i>Cereal Research Communications</i> , 1999, 27, 147-153.	1.6	2
26	Effects of excess UV-B irradiation on the antioxidant defence mechanisms in wheat (<i>Triticum aestivum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.5	23
27	Environmental stress and the biological clock in plants: Changes of rhythmic behavior of carbohydrates, antioxidant enzymes and stomatal resistance by salinity. <i>Journal of Plant Physiology</i> , 1998, 152, 265-271.	3.5	19
28	Responses in Polyamine Titer under Osmotic and Salt Stress in Sorghum and Maize Seedlings. <i>Journal of Plant Physiology</i> , 1996, 147, 599-603.	3.5	77
29	Aerobic oxidations on metal macrocycles encapsulated in zeolites. <i>Studies in Surface Science and Catalysis</i> , 1995, 94, 728-735.	1.5	21
30	Changes Caused by Methidathion in Activity and Distribution of Molecular Forms of Carp (<i>Cyprinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.6	8
31	Biochemical and subcellular changes in carp exposed to the organophosphorus methidathion and the pyrethroid deltamethrin. <i>Aquatic Toxicology</i> , 1995, 33, 279-295.	4.0	80
32	In Vivo Effects of Deltamethrin Exposure on Activity and Distribution of Molecular Forms of Carp AChE. <i>Ecotoxicology and Environmental Safety</i> , 1995, 31, 258-263.	6.0	34
33	Mass transfer test and maximum rate determination during liquid-phase hydrogenations. <i>Applied Catalysis A: General</i> , 1994, 120, 105-114.	4.3	23
34	Separation and identification of stereoisomeric cyclobutanediols by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 1994, 668, 463-467.	3.7	1