Zsolt Szegletes

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8235602/publications.pdf

Version: 2024-02-01

34 papers	820 citations	471509 17 h-index	501196 28 g-index
34 all docs	34 docs citations	34 times ranked	1380 citing authors

#	Article	IF	Citations
1	Melanoma cell-derived exosomes alter macrophage and dendritic cell functions in vitro. Immunology Letters, 2012, 148, 34-38.	2.5	96
2	Biochemical and subcellular changes in carp exposed to the organophosphorus methidathion and the pyrethroid deltamethrin. Aquatic Toxicology, 1995, 33, 279-295.	4.0	80
3	Responses in Polyamine Titer under Osmotic and Salt Stress in Sorghum and Maize Seedlings. Journal of Plant Physiology, 1996, 147, 599-603.	3.5	77
4	Antimicrobial nodule-specific cysteine-rich peptides disturb the integrity of bacterial outer and inner membranes and cause loss of membrane potential. Annals of Clinical Microbiology and Antimicrobials, 2016, 15, 43.	3.8	43
5	Accumulation of osmoprotectants in wheat cultivars of different drought tolerance. Cereal Research Communications, 2000, 28, 403-410.	1.6	42
6	Melanoma-Derived Exosomes Induce PD-1 Overexpression and Tumor Progression via Mesenchymal Stem Cell Oncogenic Reprogramming. Frontiers in Immunology, 2019, 10, 2459.	4.8	39
7	Stressors alter intercellular communication and exosome profile of nasopharyngeal carcinoma cells. Journal of Oral Pathology and Medicine, 2017, 46, 259-266.	2.7	38
8	Aminosilane-based functionalization of two-photon polymerized 3D SU-8 microstructures. European Polymer Journal, 2012, 48, 1745-1754.	5.4	35
9	In Vivo Effects of Deltamethrin Exposure on Activity and Distribution of Molecular Forms of Carp AChE. Ecotoxicology and Environmental Safety, 1995, 31, 258-263.	6.0	34
10	Changes induced by hyperosmotic mannitol in cerebral endothelial cells: an atomic force microscopic study. European Biophysics Journal, 2007, 36, 113-120.	2.2	34
11	syrM Is Involved in the Determination of the Amount and Ratio of the Two Forms of the Acidic Exopolysaccharide EPSI in Rhizobium meliloti. Molecular Plant-Microbe Interactions, 1999, 12, 755-765.	2.6	26
12	Phospholipid Bilayers as Biomembrane-like Barriers in Layer-by-Layer Polyelectrolyte Films. Langmuir, 2007, 23, 8236-8242.	3.5	25
13	Mass transfer test and maximum rate determination during liquid-phase hydrogenations. Applied Catalysis A: General, 1994, 120, 105-114.	4.3	23
14	Effects of excess UV-B irradiation on the antioxidant defence mechanisms in wheat (Triticum aestivum) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.5	23
15	Aerobic oxidations on metal macrocycles encapsulated in zeolites. Studies in Surface Science and Catalysis, 1995, 94, 728-735.	1.5	21
16	Environmental stress and the biological clock in plants: Changes of rhythmic behavior of carbohydrates, antioxidant enzymes and stomatal resistance by salinity. Journal of Plant Physiology, 1998, 152, 265-271.	3.5	19
17	Effect of Antimicrobial Peptide-Amide: Indolicidin on Biological Membranes. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-6.	3.0	19
18	Elasto-mechanical properties of living cells. Biochemistry and Biophysics Reports, 2016, 7, 303-308.	1.3	17

#	Article	IF	Citations
19	Interaction ofÂcysteine-rich cationic antimicrobial peptides with intact bacteria andÂmodel membranes. General Physiology and Biophysics, 2015, 34, 135-144.	0.9	16
20	Spatial and temporal dependence of the cerebral endothelial cells elasticity. Journal of Molecular Recognition, 2011, 24, 422-428.	2.1	15
21	Adhesion and stress relaxation forces between melanoma and cerebral endothelial cells. European Biophysics Journal, 2012, 41, 139-145.	2.2	15
22	Combination of Alanine and Glutathione as Targeting Ligands of Nanoparticles Enhances Cargo Delivery into the Cells of the Neurovascular Unit. Pharmaceutics, 2020, 12, 635.	4.5	14
23	Growth of and potassium transport in winter wheat and durum wheat as affected by various aluminum exposure times. Journal of Plant Nutrition, 2000, 23, 913-926.	1.9	12
24	Differences in photorespiration, glutamine synthetase and polyamines between fragmented and closed stands of Phragmites australis. Aquatic Botany, 2001, 69, 165-176.	1.6	10
25	Adsorption and Self-Assembly of Oligodeoxynucleotides onto a Mica Surface. Journal of Physical Chemistry C, 2007, 111, 17032-17037.	3.1	10
26	Relationship Between the Structure of Some Humic Compounds and Their Inhibitory Effects on Carp Catalase. Bulletin of Environmental Contamination and Toxicology, 1999, 63, 751-758.	2.7	8
27	Changes Caused by Methidathion in Activity and Distribution of Molecular Forms of Carp (Cyprinus) Tj ETQq1 1 0.784314 rgBT /Overlo	3.6	7
28	Direct mapping of melanoma cell â€•endothelial cell interactions. Journal of Molecular Recognition, 2017, 30, e2603.	2.1	5
29	De-adhesion dynamics of melanoma cells from brain endothelial layer. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 745-751.	2.4	5
30	Optically Manipulated Microtools to Measure Adhesion of the Nanoparticle-Targeting Ligand Glutathione to Brain Endothelial Cells. ACS Applied Materials & Interfaces, 2021, 13, 39018-39029.	8.0	5
31	Segmental nitrogen doping and carboxyl functionalization of multi-walled carbon nanotubes. Physica Status Solidi (B): Basic Research, 2015, 252, 2472-2478.	1.5	4
32	Aluminium and nitrite induced alteration in potassium transport of wheat. Cereal Research Communications, 1999, 27, 147-153.	1.6	2
33	Separation and identification of stereoisomeric cyclobutanediols by gas chromatography-mass spectrometry. Journal of Chromatography A, 1994, 668, 463-467.	3.7	1
34	Artificial and Natural Membranes. , 2012, , .		0