

Mihai

List of Publications by Year in descending order

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55
papers

2,065
citations

394421

19
h-index

243625

44
g-index

56
all docs

56
docs citations

56
times ranked

2711
citing authors

#	ARTICLE	IF	CITATIONS
1	N-Linked Glycosylation in <i>Campylobacter jejuni</i> and Its Functional Transfer into <i>E. coli</i> . <i>Science</i> , 2002, 298, 1790-1793.	12.6	716
2	Yos9 Protein Is Essential for Degradation of Misfolded Glycoproteins and May Function as Lectin in ERAD. <i>Molecular Cell</i> , 2005, 19, 765-775.	9.7	182
3	Structural and functional diversity of the lectin repertoire in teleost fish: Relevance to innate and adaptive immunity. <i>Developmental and Comparative Immunology</i> , 2011, 35, 1388-1399.	2.3	141
4	The N-X-S/T consensus sequence is required but not sufficient for bacterial N-linked protein glycosylation. <i>Glycobiology</i> , 2005, 15, 361-367.	2.5	97
5	Galectins as self/non-self recognition receptors in innate and adaptive immunity: an unresolved paradox. <i>Frontiers in Immunology</i> , 2012, 3, 199.	4.8	93
6	Overcoming Microalgae Harvesting Barrier by Activated Algae Granules. <i>Scientific Reports</i> , 2017, 7, 4646.	3.3	83
7	Desialylation of airway epithelial cells during influenza virus infection enhances pneumococcal adhesion via galectin binding. <i>Molecular Immunology</i> , 2015, 65, 1-16.	2.2	82
8	Overexpression of <i>DPAGT1</i> Leads to Aberrant N-Glycosylation of E-Cadherin and Cellular Discohesion in Oral Cancer. <i>Cancer Research</i> , 2009, 69, 5673-5680.	0.9	76
9	Role of E-cadherin N-glycosylation profile in a mammary tumor model. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 1091-1096.	2.1	67
10	Whole genome sequencing snapshot of multi-drug resistant <i>Klebsiella pneumoniae</i> strains from hospitals and receiving wastewater treatment plants in Southern Romania. <i>PLoS ONE</i> , 2020, 15, e0228079.	2.5	56
11	Hypoglycosylated E-cadherin promotes the assembly of tight junctions through the recruitment of PP2A to adherens junctions. <i>Experimental Cell Research</i> , 2010, 316, 1871-1884.	2.6	52
12	Galectins regulate the inflammatory response in airway epithelial cells exposed to microbial neuraminidase by modulating the expression of SOCS1 and RIG1. <i>Molecular Immunology</i> , 2015, 68, 194-202.	2.2	50
13	The zebrafish galectins <i>Drgal1-L2</i> and <i>Drgal3-L1</i> bind <i>in vitro</i> to the infectious hematopoietic necrosis virus (IHNV) glycoprotein and reduce viral adhesion to fish epithelial cells. <i>Developmental and Comparative Immunology</i> , 2016, 55, 241-252.	2.3	47
14	Risk screening of pharmaceutical compounds in Romanian aquatic environment. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 379.	2.7	37
15	Aberrant amplification of the crosstalk between canonical Wnt signaling and N-glycosylation gene <i>DPAGT1</i> promotes oral cancer. <i>Oral Oncology</i> , 2012, 48, 523-529.	1.5	36
16	Removal of the Acid Orange 10 by ion exchange and microbiological methods. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 6357-6366.	3.5	33
17	Multidrug Resistant <i>Klebsiella pneumoniae</i> ST101 Clone Survival Chain From Inpatients to Hospital Effluent After Chlorine Treatment. <i>Frontiers in Microbiology</i> , 2020, 11, 610296.	3.5	28
18	Coordinate regulation of N-glycosylation gene <i>DPAGT1</i> , canonical Wnt signaling and E-cadherin adhesion. <i>Journal of Cell Science</i> , 2013, 126, 484-496.	2.0	25

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19	Novel oligosaccharides isolated from <i>Fusarium oxysporum</i> L. rapidly induce PAL activity in <i>Rubus</i> cells.. <i>Acta Biochimica Polonica</i> , 2004, 51, 625-634.	0.5	22
20	N-glycosylation status of E-cadherin controls cytoskeletal dynamics through the organization of distinct β-catenin- and γ-catenin-containing AJs. <i>Cell Health and Cytoskeleton</i> , 2009, Volume 1, 67-80.	0.7	16
21	Binary logistic regressionâ€™Instrument for assessing museum indoor air impact on exhibits. <i>Journal of the Air and Waste Management Association</i> , 2017, 67, 391-401.	1.9	16
22	Manipulating Galectin Expression in Zebrafish (<i>Danio rerio</i>). <i>Methods in Molecular Biology</i> , 2015, 1207, 327-341.	0.9	11
23	Identification of Physical, Morphological and Chemical Particularities of Mixed Microalgae - Bacteria Granules. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 275-277.	0.4	10
24	TOOLS FOR ASSESSING DANUBE DELTA SYSTEMS WITH MACRO INVERTEBRATES. <i>Environmental Engineering and Management Journal</i> , 2014, 13, 2243-2252.	0.6	9
25	Oxidative Stress and Histopathological Changes in Gills and Kidneys of <i>Cyprinus carpio</i> following Exposure to Benzethonium Chloride, a Cationic Surfactant. <i>Toxics</i> , 2022, 10, 227.	3.7	9
26	Immunoaffinity Chromatography on Antibodies Immobilized on Nitrocellulose Powder. <i>Analytical Biochemistry</i> , 1995, 229, 299-303.	2.4	8
27	Evaluation of Sub-Lethal Toxicity of Benzethonium Chloride in <i>Cyprinus carpio</i> Liver. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8485.	2.5	7
28	High performance liquid chromatography and photodiode array detection of ferulic acid in <i>Rubus</i> protoplasts elicited by O-glycans from <i>Fusarium</i> sp. M7-1.. <i>Acta Biochimica Polonica</i> , 2002, 49, 1019-1027.	0.5	7
29	The Evolution of the Bacterial Community Between Hospitals, Wastewater Treatment Plants and the Aquatic Environment. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 313-316.	0.4	6
30	Ecotoxicity of Biocides (Chemical Disinfectants) - Lethal and Sublethal Effects on Non-target Organisms. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 307-312.	0.4	5
31	Kinetic Parameters Evaluation for Microalgae-Bacteria Granules used for Waste Water Treatment. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 88-91.	0.4	5
32	The Active Oxygen Response of Raspberry Protoplasts to O-glycans of <i>Fusarium</i> sp. M7-1. <i>Journal of Plant Physiology</i> , 2000, 156, 306-311.	3.5	4
33	Pkc1p modifies CPY* degradation in the ERAD pathway. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 357-361.	2.1	4
34	Water quality of Danube Delta systems: ecological status and prediction using machine-learning algorithms. <i>Water Science and Technology</i> , 2016, 73, 2413-2421.	2.5	4
35	The Occurrence of Potentially Pathogenic and Antibiotic Resistant Gram-Negative Bacteria Isolated from the Danube Delta Ecosystem. <i>Sustainability</i> , 2021, 13, 3955.	3.2	3
36	Bulk Liquid Membranes for Separation and Recovery of Pharmaceutical Products. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 3257-3260.	0.4	3

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37	Antioxidative Defense and Gut Microbial Changes under Pollution Stress in <i>Carassius gibelio</i> from Bucharest Lakes. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7510.	2.6	3
38	The Toxic Effect of Conventional Treated Mine Water on Aquatic Organisms. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 67-71.	0.4	2
39	Considerations on the Toxicity of Brilliant Blue FCF Aqueous Solutions before and after Ozonation. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 356-365.	0.4	2
40	Metallic Elements (Cu, Zn, Ni and Mn) Toxicity Effects Determination on a Fresh Water Fish <i>Cyprinus Carpio</i> (Common Carp) Laboratory Acclimatized. <i>Revista De Chimie (discontinued)</i> , 2017, 68, 1711-1715.	0.4	2
41	Complex Compounds of Sm(III) with Chlorhexidine Synthesis, characterization, luminescent properties and antibacterial activity. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 6-12.	0.4	2
42	Benzalkonium Bromide Cationic Surfactant Removal from Wastewater Using Magnetite Nanomaterial. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 289-296.	0.4	2
43	The Romanian Map of Organic Pollution from Domestic Wastewaters: 1/2 Seasonal Variations of Anionic Surfactants And Organic Load (COD). <i>Revista De Chimie (discontinued)</i> , 2020, 71, 317-324.	0.4	1
44	Occurrence and fate of Adsorbable Organic Halogens (AOX) in two WWTPs from Romania. <i>Archives of Environmental Contamination and Toxicology</i> , 2022, 82, 592-601.	4.1	1
45	E-cadherin N-glycosylation Modulates the Strength of Adherens Junctions. , 2010, , .		0
46	STUDY OF BACTERIA RESISTANCE MECHANISMS IN RESPONSE TO A STRESS INDUCED BY PHARMACEUTICALS COMPOUNDS. , 2017, , .		0
47	VARIATION OF ANIONIC AND NONIONIC SURFACTANTS PRESENCE IN WASTEWATERS. , 2017, , .		0
48	ENVIRONMENTAL FACTORS – POTENTIAL RESERVOIRS OF NOSOCOMIAL INFECTIONS. , 2017, , .		0
49	Computerized High-tech Detection Technology of Immunofluorescence Labelled Waterborne Pathogenic Bacteria. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 3266-3270.	0.4	0
50	Microbial Diversity of Aerobic Granular Sludge under Different Operational Conditions. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 293-296.	0.4	0
51	The Intertrophic Relationship between Algae and Bacteria from the Activated Microalgae Granules. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 319-323.	0.4	0
52	Coordination Compounds of Platinum and Palladium with Mixed Ligands (Usnic Acid and 1-(o-Tolyl)) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 (discontinued)</i> , 2020, 71, 336-346.	0.4	0
53	Toxicity and Benefits of Urban Stabilized Sludge Intended for Agriculture Use. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 365-378.	0.4	0
54	Efficiency of Biocides on the Aquatic Systems Through Bacterial Model. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 57-60.	0.4	0

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55	Manipulating Galectin Expression in (<i>Danio rerio</i>). <i>Methods in Molecular Biology</i> , 2022, 2442, 425-443.	0.9	0