

Elena Bencurova

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

348
citations

759233

12
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

490
citing authors

#	ARTICLE	IF	CITATIONS
1	Population-Predicted MHC Class II Epitope Presentation of SARS-CoV-2 Structural Proteins Correlates to the Case Fatality Rates of COVID-19 in Different Countries. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2630.	4.1	10
2	Pathogen and Host-Pathogen Protein Interactions Provide a Key to Identify Novel Drug Targets. , 2021, , 543-553.		3
3	Topological Analysis of the Carbon-Concentrating CETCH Cycle and a Photorespiratory Bypass Reveals Boosted CO ₂ -Sequestration by Plants. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 708417.	4.1	4
4	Integrated structural and functional analysis of the protective effects of kinetin against oxidative stress in mammalian cellular systems. <i>Scientific Reports</i> , 2020, 10, 13330.	3.3	18
5	Modeling of shotgun sequencing of DNA plasmids using experimental and theoretical approaches. <i>BMC Bioinformatics</i> , 2020, 21, 132.	2.6	1
6	<i>Aspergillus fumigatus</i> Challenged by Human Dendritic Cells: Metabolic and Regulatory Pathway Responses Testify a Tight Battle. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 168.	3.9	19
7	The Cytokinin-Activating LOG-Family Proteins Are Not Lysine Decarboxylases. <i>Trends in Biochemical Sciences</i> , 2018, 43, 232-236.	7.5	13
8	Omics and bioinformatics applied to vaccine development against <i>Borrelia</i> . <i>Molecular Omics</i> , 2018, 14, 330-340.	2.8	11
9	Identification of Antifungal Targets Based on Computer Modeling. <i>Journal of Fungi (Basel)</i> , Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	3.5	12
10	Joining the in vitro immunization of alpaca lymphocytes and phage display: rapid and cost effective pipeline for sdAb synthesis. <i>Microbial Cell Factories</i> , 2017, 16, 13.	4.0	17
11	Identification of B-cell epitopes of <i>Borrelia burgdorferi</i> outer surface protein C by screening a phage-displayed gene fragment library. <i>Microbiology and Immunology</i> , 2016, 60, 669-677.	1.4	13
12	Detection of West Nile virus and tick-borne encephalitis virus in birds in Slovakia, using a universal primer set. <i>Archives of Virology</i> , 2016, 161, 1679-1683.	2.1	30
13	A rapid and simple pipeline for synthesis of mRNA-ribosome-V _H -H complexes used in single-domain antibody ribosome display. <i>Molecular BioSystems</i> , 2015, 11, 1515-1524.	2.9	13
14	Exploitation of complement regulatory proteins by <i>Borrelia</i> and <i>Francisella</i> . <i>Molecular BioSystems</i> , 2015, 11, 1684-1695.	2.9	10
15	Deciphering the protein interaction in adhesion of <i>Francisella tularensis</i> subsp. <i>holarctica</i> to the endothelial cells. <i>Microbial Pathogenesis</i> , 2015, 81, 6-15.	2.9	12
16	Deciphering the interface between a CD40 receptor and borrelial ligand OspA. <i>Microbiological Research</i> , 2015, 170, 51-60.	5.3	12
17	Current State-of-the-Art Molecular Dynamics Methods and Applications. <i>Advances in Protein Chemistry and Structural Biology</i> , 2014, 94, 269-313.	2.3	54
18	Rapid in vitro protein synthesis pipeline: a promising tool for cost-effective protein array design. <i>Molecular BioSystems</i> , 2014, 10, 1236.	2.9	8

#	ARTICLE	IF	CITATIONS
19	Development of simple and rapid elution methods for proteins from various affinity beads for their direct MALDI-TOF downstream application. <i>Journal of Proteomics</i> , 2012, 75, 4529-4535.	2.4	10
20	Variable regions in the sushi domains 6â€“7 and 19â€“20 of factor H in animals and human lead to change in the affinity to factor H binding protein of <i>Borrelia</i> . <i>Journal of Proteomics</i> , 2012, 75, 4520-4528.	2.4	14
21	OspA-CD40 dyad: ligand-receptor interaction in the translocation of neuroinvasive <i>Borrelia</i> across the blood-brain barrier. <i>Scientific Reports</i> , 2011, 1, 86.	3.3	28
22	An insight into the ligandâ€“receptor interactions involved in the translocation of pathogens across bloodâ€“brain barrier. <i>FEMS Immunology and Medical Microbiology</i> , 2011, 63, 297-318.	2.7	20
23	Host use of a specialist lichen-feeder: dealing with lichen secondary metabolites. <i>Oecologia</i> , 2010, 164, 423-430.	2.0	16