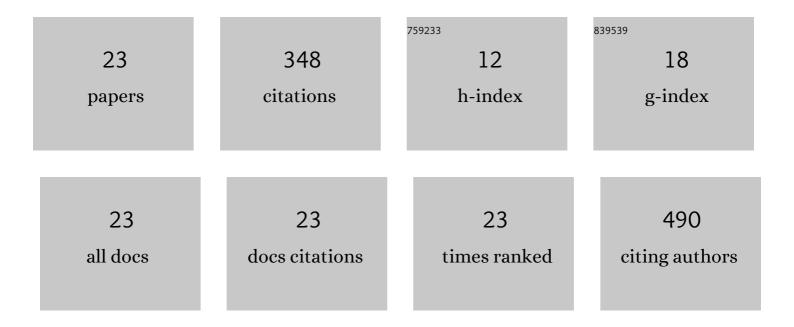
Elena Bencurova

List of Publications by Year in descending order

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FLENA RENCHROVA

#	Article	IF	CITATIONS
1	Current State-of-the-Art Molecular Dynamics Methods and Applications. Advances in Protein Chemistry and Structural Biology, 2014, 94, 269-313.	2.3	54
2	Detection of West Nile virus and tick-borne encephalitis virus in birds in Slovakia, using a universal primer set. Archives of Virology, 2016, 161, 1679-1683.	2.1	30
3	OspA-CD40 dyad: ligand-receptor interaction in the translocation of neuroinvasive Borrelia across the blood-brain barrier. Scientific Reports, 2011, 1, 86.	3.3	28
4	An insight into the ligand–receptor interactions involved in the translocation of pathogens across blood–brain barrier. FEMS Immunology and Medical Microbiology, 2011, 63, 297-318.	2.7	20
5	Aspergillus fumigatus Challenged by Human Dendritic Cells: Metabolic and Regulatory Pathway Responses Testify a Tight Battle. Frontiers in Cellular and Infection Microbiology, 2019, 9, 168.	3.9	19
6	Integrated structural and functional analysis of the protective effects of kinetin against oxidative stress in mammalian cellular systems. Scientific Reports, 2020, 10, 13330.	3.3	18
7	Joining the in vitro immunization of alpaca lymphocytes and phage display: rapid and cost effective pipeline for sdAb synthesis. Microbial Cell Factories, 2017, 16, 13.	4.0	17
8	Host use of a specialist lichen-feeder: dealing with lichen secondary metabolites. Oecologia, 2010, 164, 423-430.	2.0	16
9	Variable regions in the sushi domains 6–7 and 19–20 of factor H in animals and human lead to change in the affinity to factor H binding protein of Borrelia. Journal of Proteomics, 2012, 75, 4520-4528.	2.4	14
10	A rapid and simple pipeline for synthesis of mRNA–ribosome–V _H H complexes used in single-domain antibody ribosome display. Molecular BioSystems, 2015, 11, 1515-1524.	2.9	13
11	Identification of Bâ€cell epitopes of <i>Borrelia burgdorferi</i> outer surface protein C by screening a phageâ€displayed gene fragment library. Microbiology and Immunology, 2016, 60, 669-677.	1.4	13
12	The Cytokinin-Activating LOG-Family Proteins Are Not Lysine Decarboxylases. Trends in Biochemical Sciences, 2018, 43, 232-236.	7.5	13
13	Deciphering the protein interaction in adhesion of Francisella tularensis subsp. holarctica to the endothelial cells. Microbial Pathogenesis, 2015, 81, 6-15.	2.9	12
14	Deciphering the interface between a CD40 receptor and borrelial ligand OspA. Microbiological Research, 2015, 170, 51-60.	5.3	12
15	Identification of Antifungal Targets Based on Computer Modeling. Journal of Fungi (Basel,) Tj ETQq1 1 0.78431	4 rg <u>BT</u> /Ov	verlock 10 Tf
16	Omics and bioinformatics applied to vaccine development against <i>Borrelia</i> . Molecular Omics, 2018, 14, 330-340.	2.8	11
17	Development of simple and rapid elution methods for proteins from various affinity beads for their direct MALDI-TOF downstream application. Journal of Proteomics, 2012, 75, 4529-4535.	2.4	10
18	Exploitation of complement regulatory proteins by Borrelia and Francisella. Molecular BioSystems, 2015, 11, 1684-1695.	2.9	10

#	Article	IF	CITATIONS
19	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. International Journal of Molecular Sciences, 2021, 22, 2630.	4.1	10
20	Rapid in vitro protein synthesis pipeline: a promising tool for cost-effective protein array design. Molecular BioSystems, 2014, 10, 1236.	2.9	8
21	Topological Analysis of the Carbon-Concentrating CETCH Cycle and a Photorespiratory Bypass Reveals Boosted CO2-Sequestration by Plants. Frontiers in Bioengineering and Biotechnology, 2021, 9, 708417.	4.1	4
22	Pathogen and Host-Pathogen Protein Interactions Provide a Key to Identify Novel Drug Targets. , 2021, , 543-553.		3
23	Modeling of shotgun sequencing of DNA plasmids using experimental and theoretical approaches. BMC Bioinformatics, 2020, 21, 132.	2.6	1