

Georgij Arapidi

List of Publications by Year in descending order

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1488
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#	ARTICLE	IF	CITATIONS
1	Apoptotic Cell-Derived Extracellular Vesicles Promote Malignancy of Glioblastoma Via Intercellular Transfer of Splicing Factors. <i>Cancer Cell</i> , 2018, 34, 119-135.e10.	7.7	222
2	Proteomeâ€“Metabolome Profiling of Ovarian Cancer Ascites Reveals Novel Components Involved in Intercellular Communication. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3558-3571.	2.5	100
3	Quantitative proteomic analysis of Vietnamese krait venoms: Neurotoxins are the major components in <i>Bungarus multicinctus</i> and phospholipases A2 in <i>Bungarus fasciatus</i> . <i>Toxicon</i> , 2015, 107, 197-209.	0.8	55
4	Distinct types of short open reading frames are translated in plant cells. <i>Genome Research</i> , 2019, 29, 1464-1477.	2.4	43
5	Specific pools of endogenous peptides are present in gametophore, protonema, and protoplast cells of the moss <i>Physcomitrella patens</i> . <i>BMC Plant Biology</i> , 2015, 15, 87.	1.6	40
6	Therapy-induced stress response is associated with downregulation of pre-mRNA splicing in cancer cells. <i>Genome Medicine</i> , 2018, 10, 49.	3.6	40
7	The Pathogenesis of the Demyelinating Form of Guillain-Barre Syndrome (GBS): Proteo-peptidomic and Immunological Profiling of Physiological Fluids. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2366-2378.	2.5	39
8	Benchmarking germline CNV calling tools from exome sequencing data. <i>Scientific Reports</i> , 2021, 11, 14416.	1.6	36
9	Exposure to the Epsteinâ€“Barr Viral Antigen Latent Membrane Protein 1 Induces Myelin-Reactive Antibodies In Vivo. <i>Frontiers in Immunology</i> , 2017, 8, 777.	2.2	22
10	New method for peptide desorption from abundant blood proteins for plasma/serum peptidome analyses by mass spectrometry. <i>Journal of Proteomics</i> , 2011, 74, 595-606.	1.2	20
11	Alternative splicing shapes transcriptome but not proteome diversity in <i>Physcomitrella patens</i> . <i>Scientific Reports</i> , 2017, 7, 2698.	1.6	17
12	The <i>Physcomitrella patens</i> Chloroplast Proteome Changes in Response to Protoplastation. <i>Frontiers in Plant Science</i> , 2016, 7, 1661.	1.7	16
13	Critical Review of Existing MHC I Immunopeptidome Isolation Methods. <i>Molecules</i> , 2020, 25, 5409.	1.7	15
14	Peptidomics dataset: Blood plasma and serum samples of healthy donors fractionated on a set of chromatography sorbents. <i>Data in Brief</i> , 2018, 18, 1204-1211.	0.5	14
15	Identification of Antimicrobial Peptides from Novel <i>Lactobacillus fermentum</i> Strain. <i>Protein Journal</i> , 2020, 39, 73-84.	0.7	13
16	Expression and Intracellular Localization of Paraoxonase 2 in Different Types of Malignancies. <i>Acta Naturae</i> , 2018, 10, 92-99.	1.7	12
17	In Silico Analysis of Peptide Potential Biological Functions. <i>Russian Journal of Bioorganic Chemistry</i> , 2018, 44, 367-385.	0.3	11
18	Proteogenomic analysis of <i>Mycobacterium tuberculosis</i> Beijing B0/W148 cluster strains. <i>Journal of Proteomics</i> , 2019, 192, 18-26.	1.2	11

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19	Metabolic Changes of Mycobacterium tuberculosis during the Anti-Tuberculosis Therapy. <i>Pathogens</i> , 2020, 9, 131.	1.2	11
20	Comprehensive Atlas of the Myelin Basic Protein Interaction Landscape. <i>Biomolecules</i> , 2021, 11, 1628.	1.8	11
21	Autoimmune Effect of Antibodies against the SARS-CoV-2 Nucleoprotein. <i>Viruses</i> , 2022, 14, 1141.	1.5	10
22	Progress in Methods for Copy Number Variation Profiling. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2143.	1.8	9
23	Comprehensive analysis of draft genomes of two closely related pseudomonas syringae phylogroup 2b strains infecting mono- and dicotyledon host plants. <i>BMC Genomics</i> , 2016, 17, 1010.	1.2	8
24	Antimicrobial activity of endogenous peptides of the moss <i>Physcomitrella patens</i> . <i>Russian Journal of Bioorganic Chemistry</i> , 2017, 43, 248-254.	0.3	8
25	Peptidome profiling dataset of ovarian cancer and non-cancer proximal fluids: Ascites and blood sera. <i>Data in Brief</i> , 2019, 22, 557-562.	0.5	8
26	System OMICs analysis of Mycobacterium tuberculosis Beijing B0/W148 cluster. <i>Scientific Reports</i> , 2019, 9, 19255.	1.6	7
27	LogLoss-BERAF: An ensemble-based machine learning model for constructing highly accurate diagnostic sets of methylation sites accounting for heterogeneity in prostate cancer. <i>PLoS ONE</i> , 2018, 13, e0204371.	1.1	6
28	Methylation profile of induced pluripotent stem cells generated by integration and integration-free approaches. <i>Data in Brief</i> , 2018, 17, 662-666.	0.5	5
29	Serum proteome profiling for diagnostics of ovarian cancer using ClinProt magnetic technique and MALDI-TOF mass spectrometry. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2008, 2, 335-342.	0.2	4
30	Chromatin Trapping of Factors Involved in DNA Replication and Repair Underlies Heat-Induced Radio- and Chemosensitization. <i>Cells</i> , 2020, 9, 1423.	1.8	3
31	Multiomic Profiling Identified EGF Receptor Signaling as a Potential Inhibitor of Type I Interferon Response in Models of Oncolytic Therapy by Vesicular Stomatitis Virus. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5244.	1.8	3
32	Scope and limitations of MALDI-TOF MS blood serum peptide profiling in cancer diagnostics. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 497-505.	0.3	2
33	Proteogenomic Approach for Mycobacterium tuberculosis Investigation. <i>Methods in Molecular Biology</i> , 2021, 2259, 191-201.	0.4	2
34	The Role of Intercellular Communication in Cancer Progression. <i>Russian Journal of Bioorganic Chemistry</i> , 2018, 44, 473-480.	0.3	1
35	The Diverse Roles of Spliceosomal Proteins in the Regulation of Cell Processes. <i>Russian Journal of Bioorganic Chemistry</i> , 2019, 45, 1-8.	0.3	1
36	A Role of Vesicular Transduction of Intercellular Signals in Cancer Development. <i>Russian Journal of Bioorganic Chemistry</i> , 2018, 44, 129-139.	0.3	0

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37	Spliceosomal componentsâ€mediated intercellular communication: role in chemoresistance acquisition of ovarian cancer cells. FASEB Journal, 2021, 35, .	0.2	0
38	Identification and analysis of exogenous peptides in human blood serum and plasma: Search for potential agents of interaction between the intestinal microbiota and the human body. FASEB Journal, 2021, 35, .	0.2	0
39	Substitutions in SurA and BamA Lead to Reduced Susceptibility to Broad Range Antibiotics in Gonococci. Genes, 2021, 12, 1312.	1.0	0