Petr G Lokhov

List of Publications by Year in descending order

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PETD CLOKHOV

#	Article	IF	CITATIONS
1	Metabolite profiling of blood plasma of patients with prostate cancer. Metabolomics, 2010, 6, 156-163.	3.0	77
2	Diagnosis of lung cancer based on direct-infusion electrospray mass spectrometry of blood plasma metabolites. International Journal of Mass Spectrometry, 2012, 309, 200-205.	1.5	66
3	A Metabolomics Approach to Pharmacotherapy Personalization. Journal of Personalized Medicine, 2018, 8, 28.	2.5	54
4	Comparative analysis of proteome maps of Helicobacter pylori clinical isolates. Biochemistry (Moscow), 2003, 68, 42-49.	1.5	51
5	Cellular Cancer Vaccines: an Update on the Development of Vaccines Generated from Cell Surface Antigens. Journal of Cancer, 2010, 1, 230-241.	2.5	49
6	Two-dimensional electrophoretic proteome study of serum thermostable fraction from patients with various tumor conditions. Biochemistry (Moscow), 2006, 71, 354-360.	1.5	47
7	Postgenomics Diagnostics: Metabolomics Approaches to Human Blood Profiling. OMICS A Journal of Integrative Biology, 2013, 17, 550-559.	2.0	39
8	Blood plasma metabolites and the risk of developing lung cancer in Russia. European Journal of Cancer Prevention, 2013, 22, 335-341.	1.3	34
9	Evaluation of Dried Blood Spot Sampling for Clinical Metabolomics: Effects of Different Papers and Sample Storage Stability. Metabolites, 2019, 9, 277.	2.9	34
10	Diagnosing Impaired Glucose Tolerance Using Direct Infusion Mass Spectrometry of Blood Plasma. PLoS ONE, 2014, 9, e105343.	2.5	27
11	Mass spectrometric signatures of the blood plasma metabolome for disease diagnostics. Biomedical Reports, 2016, 4, 122-126.	2.0	23
12	Mass Spectrometry-Based Metabolomics Analysis of Obese Patients' Blood Plasma. International Journal of Molecular Sciences, 2020, 21, 568.	4.1	23
13	Proteomic and biochemical analysis of the mouse liver microsomes. Toxicology in Vitro, 2005, 19, 805-812.	2.4	21
14	Mass spectrometry-based metabolomics diagnostics – myth or reality?. Expert Review of Proteomics, 2021, 18, 7-12.	3.0	21
15	Database search post-processing by neural network: Advanced facilities for identification of components in protein mixtures using mass spectrometric peptide mapping. Proteomics, 2004, 4, 633-642.	2.2	20
16	Parkinson's Disease: Available Clinical and Promising Omics Tests for Diagnostics, Disease Risk Assessment, and Pharmacotherapy Personalization. Diagnostics, 2020, 10, 339.	2.6	20
17	Cell proteomic footprint. Rapid Communications in Mass Spectrometry, 2009, 23, 680-682.	1.5	19
18	Plasma Metabolome Signature in Patients with Early-stage Parkinson Disease. Current Metabolomics, 2018, 6, .	0.5	17

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19	Metabolomic Laboratory-Developed Tests: Current Status and Perspectives. Metabolites, 2021, 11, 423.	2.9	16
20	Proteomic Footprinting of Drug-Treated Cancer Cells as a Measure of Cellular Vaccine Efficacy for the Prevention of Cancer Recurrence. Molecular and Cellular Proteomics, 2012, 11, M111.014480.	3.8	15
21	Proteolytically-cleaved Fragments of Cell Surface Proteins Stimulate a Cytotoxic Immune Response Against Tumoractivated Endothelial Cells In vitro. Journal of Cancer Science & Therapy, 2010, 02, 126-131.	1.7	15
22	Mass spectrometry methods in metabolomics. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2009, 3, 1-9.	0.4	14
23	Metabolic profiling of human blood. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2013, 7, 179-186.	0.4	13
24	Design of universal cancer vaccines using natural tumor vessel-specific antigens (SANTAVAC). Human Vaccines and Immunotherapeutics, 2015, 11, 689-698.	3.3	13
25	Diagnosis of Parkinson's Disease by A Metabolomics-Based Laboratory-Developed Test (LDT). Diagnostics, 2020, 10, 332.	2.6	13
26	Metabolic fingerprinting of blood plasma from patients with prostate cancer. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2010, 4, 37-41.	0.4	12
27	Tumor-induced endothelial cell surface heterogeneity directly affects endothelial cell escape from a cell-mediated immune response in vitro. Human Vaccines and Immunotherapeutics, 2013, 9, 198-209.	3.3	12
28	Proteolytically-cleaved Fragments of Cell-surface Proteins from Live Tumor Cells Stimulate Anti-tumor Immune Response In vitro. Journal of Carcinogenesis & Mutagenesis, 2010, 01, .	0.3	12
29	Label-free data standardization for clinical metabolomics. BioData Mining, 2017, 10, 10.	4.0	11
30	Metabolomic diagnostics and human digital image. Personalized Medicine, 2019, 16, 133-144.	1.5	10
31	Universal cancer vaccine. Human Vaccines and Immunotherapeutics, 2013, 9, 1549-1552.	3.3	8
32	Comparative Analysis of Skeletal Muscle Metabolites of Fish with Various Rates of Aging. Fishes, 2019, 4, 25.	1.7	8
33	Assessing the Viability of Reintroduction of Locally Extinct Migratory Fish Brycon orbignyanus: Successful Growth, Dispersal and Maturation. Fishes, 2018, 3, 39.	1.7	7
34	Comparative Analysis of the Blood Plasma Metabolome of Negligible, Gradual and Rapidly Ageing Fishes. Fishes, 2018, 3, 46.	1.7	7
35	n-Butylamine for Improving the Efficiency of Untargeted Mass Spectrometry Analysis of Plasma Metabolite Composition. International Journal of Molecular Sciences, 2019, 20, 5957.	4.1	7
36	Prediction of classical clinical chemistry parameters using a direct infusion mass spectrometry. International Journal of Mass Spectrometry, 2015, 388, 53-58.	1.5	6

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37	Antigenic Essence: Upgrade of Cellular Cancer Vaccines. Cancers, 2021, 13, 774.	3.7	6
38	Allogeneic Antigen Composition for Preparing Universal Cancer Vaccines. Journal of Immunology Research, 2016, 2016, 1-7.	2.2	5
39	SANTAVACTM: Summary of Research and Development. Vaccines, 2019, 7, 186.	4.4	5
40	Cytosolic Insulin-Binding Proteins Of Mouse Liver Cells. Protein and Peptide Letters, 2004, 11, 29-33.	0.9	4
41	Metabolomics-based Approach to Pharmacotherapy Personalization: Advantages and Limitations. Current Pharmacogenomics and Personalized Medicine, 2019, 16, 192-198.	0.2	4
42	Personal Metabolomics: A Global Challenge. Metabolites, 2021, 11, 715.	2.9	4
43	Holistic Metabolomic Laboratory-Developed Test (LDT): Development and Use for the Diagnosis of Early-Stage Parkinson's Disease. Metabolites, 2021, 11, 14.	2.9	4
44	Comparative Metabolomic Study of Drosophila Species with Different Lifespans. International Journal of Molecular Sciences, 2021, 22, 12873.	4.1	4
45	Comparative Analysis of Different Typing Methods for Helicobacter pylori Clinical Isolates. Biochemistry (Moscow), 2004, 69, 536-541.	1.5	3
46	Distribution of tyrosinated and acetylated tubulin in centrioles during mitosis of 3T3 and SV40-3T3 cells. Cell and Tissue Biology, 2009, 3, 359-368.	0.4	3
47	Mass spectrometry analysis of blood low-molecular fraction as a method for unification of therapeutic drug monitoring. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2014, 8, 1-10.	0.4	3
48	Mass spectrometry analysis of blood plasma lipidome as the method of disease diagnostics, evalution of effectiveness and optimization of drug therapy. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2015, 9, 95-105.	0.4	3
49	OMICS for Tumor Biomarker Research. Biomarkers in Disease, 2015, , 3-30.	0.1	3
50	SANTAVAC â,,¢: A Novel Universal Antigen Composition for Developing Cancer Vaccines. Recent Patents on Biotechnology, 2017, 11, 32-41.	0.8	2
51	Changing Landscape of Cancer Vaccines—Novel Proteomics Platform for New Antigen Compositions. International Journal of Molecular Sciences, 2022, 23, 4401.	4.1	2
52	In Situ Mass Spectrometry Diagnostics of Impaired Glucose Tolerance Using Label-Free Metabolomic Signature. Diagnostics, 2020, 10, 1052.	2.6	0
53	OMICS for Tumor Biomarker Research. , 2014, , 1-22.		0