

Petr G Lokhov

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

929
citations

471061

17
h-index

500791

28
g-index

56
all docs

56
docs citations

56
times ranked

1005
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolite profiling of blood plasma of patients with prostate cancer. <i>Metabolomics</i> , 2010, 6, 156-163.	1.4	77
2	Diagnosis of lung cancer based on direct-infusion electrospray mass spectrometry of blood plasma metabolites. <i>International Journal of Mass Spectrometry</i> , 2012, 309, 200-205.	0.7	66
3	A Metabolomics Approach to Pharmacotherapy Personalization. <i>Journal of Personalized Medicine</i> , 2018, 8, 28.	1.1	54
4	Comparative analysis of proteome maps of <i>Helicobacter pylori</i> clinical isolates. <i>Biochemistry (Moscow)</i> , 2003, 68, 42-49.	0.7	51
5	Cellular Cancer Vaccines: an Update on the Development of Vaccines Generated from Cell Surface Antigens. <i>Journal of Cancer</i> , 2010, 1, 230-241.	1.2	49
6	Two-dimensional electrophoretic proteome study of serum thermostable fraction from patients with various tumor conditions. <i>Biochemistry (Moscow)</i> , 2006, 71, 354-360.	0.7	47
7	Postgenomics Diagnostics: Metabolomics Approaches to Human Blood Profiling. <i>OMICS A Journal of Integrative Biology</i> , 2013, 17, 550-559.	1.0	39
8	Blood plasma metabolites and the risk of developing lung cancer in Russia. <i>European Journal of Cancer Prevention</i> , 2013, 22, 335-341.	0.6	34
9	Evaluation of Dried Blood Spot Sampling for Clinical Metabolomics: Effects of Different Papers and Sample Storage Stability. <i>Metabolites</i> , 2019, 9, 277.	1.3	34
10	Diagnosing Impaired Glucose Tolerance Using Direct Infusion Mass Spectrometry of Blood Plasma. <i>PLoS ONE</i> , 2014, 9, e105343.	1.1	27
11	Mass spectrometric signatures of the blood plasma metabolome for disease diagnostics. <i>Biomedical Reports</i> , 2016, 4, 122-126.	0.9	23
12	Mass Spectrometry-Based Metabolomics Analysis of Obese Patients' Blood Plasma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 568.	1.8	23
13	Proteomic and biochemical analysis of the mouse liver microsomes. <i>Toxicology in Vitro</i> , 2005, 19, 805-812.	1.1	21
14	Mass spectrometry-based metabolomics diagnostics – myth or reality?. <i>Expert Review of Proteomics</i> , 2021, 18, 7-12.	1.3	21
15	Database search post-processing by neural network: Advanced facilities for identification of components in protein mixtures using mass spectrometric peptide mapping. <i>Proteomics</i> , 2004, 4, 633-642.	1.3	20
16	Parkinson's Disease: Available Clinical and Promising Omics Tests for Diagnostics, Disease Risk Assessment, and Pharmacotherapy Personalization. <i>Diagnostics</i> , 2020, 10, 339.	1.3	20
17	Cell proteomic footprint. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 680-682.	0.7	19
18	Plasma Metabolome Signature in Patients with Early-stage Parkinson Disease. <i>Current Metabolomics</i> , 2018, 6, .	0.5	17

#	ARTICLE	IF	CITATIONS
19	Metabolomic Laboratory-Developed Tests: Current Status and Perspectives. <i>Metabolites</i> , 2021, 11, 423.	1.3	16
20	Proteomic Footprinting of Drug-Treated Cancer Cells as a Measure of Cellular Vaccine Efficacy for the Prevention of Cancer Recurrence. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M1111.014480.	2.5	15
21	Proteolytically-cleaved Fragments of Cell Surface Proteins Stimulate a Cytotoxic Immune Response Against Tumor-activated Endothelial Cells In vitro. <i>Journal of Cancer Science & Therapy</i> , 2010, 02, 126-131.	1.7	15
22	Mass spectrometry methods in metabolomics. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2009, 3, 1-9.	0.2	14
23	Metabolic profiling of human blood. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2013, 7, 179-186.	0.2	13
24	Design of universal cancer vaccines using natural tumor vessel-specific antigens (SANTAVAC). <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 689-698.	1.4	13
25	Diagnosis of Parkinson's Disease by A Metabolomics-Based Laboratory-Developed Test (LDT). <i>Diagnostics</i> , 2020, 10, 332.	1.3	13
26	Metabolic fingerprinting of blood plasma from patients with prostate cancer. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2010, 4, 37-41.	0.2	12
27	Tumor-induced endothelial cell surface heterogeneity directly affects endothelial cell escape from a cell-mediated immune response in vitro. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 198-209.	1.4	12
28	Proteolytically-cleaved Fragments of Cell-surface Proteins from Live Tumor Cells Stimulate Anti-tumor Immune Response In vitro. <i>Journal of Carcinogenesis & Mutagenesis</i> , 2010, 01, .	0.3	12
29	Label-free data standardization for clinical metabolomics. <i>BioData Mining</i> , 2017, 10, 10.	2.2	11
30	Metabolomic diagnostics and human digital image. <i>Personalized Medicine</i> , 2019, 16, 133-144.	0.8	10
31	Universal cancer vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 1549-1552.	1.4	8
32	Comparative Analysis of Skeletal Muscle Metabolites of Fish with Various Rates of Aging. <i>Fishes</i> , 2019, 4, 25.	0.7	8
33	Assessing the Viability of Reintroduction of Locally Extinct Migratory Fish <i>Brycon orbignyanus</i> : Successful Growth, Dispersal and Maturation. <i>Fishes</i> , 2018, 3, 39.	0.7	7
34	Comparative Analysis of the Blood Plasma Metabolome of Negligible, Gradual and Rapidly Ageing Fishes. <i>Fishes</i> , 2018, 3, 46.	0.7	7
35	n-Butylamine for Improving the Efficiency of Untargeted Mass Spectrometry Analysis of Plasma Metabolite Composition. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5957.	1.8	7
36	Prediction of classical clinical chemistry parameters using a direct infusion mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2015, 388, 53-58.	0.7	6

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37	Antigenic Essence: Upgrade of Cellular Cancer Vaccines. <i>Cancers</i> , 2021, 13, 774.	1.7	6
38	Allogeneic Antigen Composition for Preparing Universal Cancer Vaccines. <i>Journal of Immunology Research</i> , 2016, 2016, 1-7.	0.9	5
39	SANTAVACTM: Summary of Research and Development. <i>Vaccines</i> , 2019, 7, 186.	2.1	5
40	Cytosolic Insulin-Binding Proteins Of Mouse Liver Cells. <i>Protein and Peptide Letters</i> , 2004, 11, 29-33.	0.4	4
41	Metabolomics-based Approach to Pharmacotherapy Personalization: Advantages and Limitations. <i>Current Pharmacogenomics and Personalized Medicine</i> , 2019, 16, 192-198.	0.2	4
42	Personal Metabolomics: A Global Challenge. <i>Metabolites</i> , 2021, 11, 715.	1.3	4
43	Holistic Metabolomic Laboratory-Developed Test (LDT): Development and Use for the Diagnosis of Early-Stage Parkinson's Disease. <i>Metabolites</i> , 2021, 11, 14.	1.3	4
44	Comparative Metabolomic Study of Drosophila Species with Different Lifespans. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12873.	1.8	4
45	Comparative Analysis of Different Typing Methods for Helicobacter pylori Clinical Isolates. <i>Biochemistry (Moscow)</i> , 2004, 69, 536-541.	0.7	3
46	Distribution of tyrosinated and acetylated tubulin in centrioles during mitosis of 3T3 and SV40-3T3 cells. <i>Cell and Tissue Biology</i> , 2009, 3, 359-368.	0.2	3
47	Mass spectrometry analysis of blood low-molecular fraction as a method for unification of therapeutic drug monitoring. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2014, 8, 1-10.	0.2	3
48	Mass spectrometry analysis of blood plasma lipidome as the method of disease diagnostics, evaluation of effectiveness and optimization of drug therapy. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2015, 9, 95-105.	0.2	3
49	OMICS for Tumor Biomarker Research. <i>Biomarkers in Disease</i> , 2015, , 3-30.	0.0	3
50	SANTAVAC $\hat{\alpha}, \Phi$: A Novel Universal Antigen Composition for Developing Cancer Vaccines. <i>Recent Patents on Biotechnology</i> , 2017, 11, 32-41.	0.4	2
51	Changing Landscape of Cancer Vaccines—Novel Proteomics Platform for New Antigen Compositions. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4401.	1.8	2
52	In Situ Mass Spectrometry Diagnostics of Impaired Glucose Tolerance Using Label-Free Metabolomic Signature. <i>Diagnostics</i> , 2020, 10, 1052.	1.3	0
53	OMICS for Tumor Biomarker Research. , 2014, , 1-22.		0