

Mikhail Soloviev

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,216
citations

471509

17
h-index

377865

34
g-index

55
all docs

55
docs citations

55
times ranked

1711
citing authors

#	ARTICLE	IF	CITATIONS
1	The Impact of the Absence of Aliphatic Glucosinolates on Insect Herbivory in Arabidopsis. PLoS ONE, 2008, 3, e2068.	2.5	223
2	Comprehensive gene expression atlas for the <i>Arabidopsis</i> MAP kinase signalling pathways. New Phytologist, 2008, 179, 643-662.	7.3	105
3	Quantitative protein profiling using antibody arrays. Proteomics, 2004, 4, 3717-3726.	2.2	82
4	Modular assembly of proteins on nanoparticles. Nature Communications, 2018, 9, 1489.	12.8	76
5	Conserved Prefusion Protein Assembly in Regulated Exocytosis. Molecular Biology of the Cell, 2006, 17, 283-294.	2.1	64
6	Molecular characterisation of two structurally distinct groups of human homers, generated by extensive alternative splicing. Journal of Molecular Biology, 2000, 295, 1185-1200.	4.2	60
7	Peptidomics: A new approach to affinity protein microarrays. Proteomics, 2003, 3, 122-128.	2.2	58
8	SNARE tagging allows stepwise assembly of a multimodular medicinal toxin. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18197-18201.	7.1	47
9	The Spore Coat Protein CotE Facilitates Host Colonization by Clostridium difficile. Journal of Infectious Diseases, 2017, 216, 1452-1459.	4.0	37
10	Competitive Assay Formats for High-Throughput Affinity Arrays. Journal of Biomolecular Screening, 2003, 8, 257-263.	2.6	34
11	Insulin-Like Growth Factor-1 (IGF-1) and Its Monitoring in Medical Diagnostic and in Sports. Biomolecules, 2021, 11, 217.	4.0	34
12	Elevated Transcription of the Gene QSOX1 Encoding Quiescin Q6 Sulfhydryl Oxidase 1 in Breast Cancer. PLoS ONE, 2013, 8, e57327.	2.5	33
13	Peptidomics, current status. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 815, 11-24.	2.3	27
14	Using single cell cultivation system for on-chip monitoring of the interdivision timer in Chlamydomonas reinhardtii cell cycle. Journal of Nanobiotechnology, 2010, 8, 23.	9.1	26
15	Colorectal Cancer Diagnosis: The Obstacles We Face in Determining a Non-Invasive Test and Current Advances in Biomarker Detection. Cancers, 2022, 14, 1889.	3.7	25
16	Nanobiotechnology today: focus on nanoparticles. Journal of Nanobiotechnology, 2007, 5, 11.	9.1	18
17	Quantum dots improve peptide detection in MALDI MS in a size dependent manner. Journal of Nanobiotechnology, 2009, 7, 10.	9.1	17
18	Binary polypeptide system for permanent and oriented protein immobilization. Journal of Nanobiotechnology, 2010, 8, 9.	9.1	17

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19	Assembly of Protein Building Blocks Using a Short Synthetic Peptide. <i>Bioconjugate Chemistry</i> , 2012, 23, 479-484.	3.6	16
20	Labelling of live cells using fluorescent aptamers: binding reversal with DNA nucleases. <i>Journal of Nanobiotechnology</i> , 2010, 8, 8.	9.1	15
21	Self-assembly of proteins and their nucleic acids. <i>Journal of Nanobiotechnology</i> , 2003, 1, 1.	9.1	14
22	Gold Nanoparticle Antibody Conjugates for Use in Competitive Lateral Flow Assays. , 2012, 906, 45-55.		14
23	Effect of Gold Nanoparticle Conjugation on the Activity and Stability of Functional Proteins. <i>Methods in Molecular Biology</i> , 2012, 906, 89-99.	0.9	13
24	Primary Chemical Sequence Ultimately Determines Crystal Thickness in Segmented All-Aliphatic Copolymers. <i>Macromolecules</i> , 2014, 47, 7890-7899.	4.8	11
25	Selection strategy and the design of hybrid oligonucleotide primers for RACE-PCR: cloning a family of toxin-like sequences from <i>Agelena orientalis</i> . <i>BMC Molecular Biology</i> , 2007, 8, 32.	3.0	10
26	N-Terminal Acetylation of the Neuronal Protein SNAP-25 Is Revealed by the SMI81 Monoclonal Antibody. <i>Biochemistry</i> , 2009, 48, 9582-9589.	2.5	10
27	EuroBiochips: spot the difference!. <i>Drug Discovery Today</i> , 2001, 6, 775-777.	6.4	9
28	Combinatorial peptidomics: a generic approach for protein expression profiling. <i>Journal of Nanobiotechnology</i> , 2003, 1, 4.	9.1	9
29	Micellar Antibiotics of <i>Bacillus</i> . <i>Pharmaceutics</i> , 2021, 13, 1296.	4.5	9
30	Modelling the adsorption of proteins to nanoparticles at the solid-liquid interface. <i>Journal of Colloid and Interface Science</i> , 2022, 605, 286-295.	9.4	9
31	Affinity Peptidomics: Peptide Selection and Affinity Capture on Hydrogels and Microarrays. <i>Methods in Molecular Biology</i> , 2010, 615, 313-344.	0.9	7
32	The Thames: Arresting Ecosystem Decline and Building Back Better. <i>Sustainability</i> , 2021, 13, 6045.	3.2	5
33	Assessing Fast Structure Formation Processes in Isotactic Polypropylene with a Combination of Nanofocus X-ray Diffraction and In Situ Nanocalorimetry. <i>Nanomaterials</i> , 2021, 11, 2652.	4.1	5
34	The Use of EST Expression Matrixes for the Quality Control of Gene Expression Data. <i>PLoS ONE</i> , 2012, 7, e32966.	2.5	3
35	A thermo-responsive, self-assembling biointerface for on demand release of surface-immobilised proteins. <i>Biomaterials Science</i> , 2020, 8, 2673-2681.	5.4	3
36	The Urban River Syndrome: Achieving Sustainability Against a Backdrop of Accelerating Change. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6406.	2.6	3

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37	Peptidomics: Divide et Impera. <i>Methods in Molecular Biology</i> , 2010, 615, 3-9.	0.9	3
38	Protein Conjugation to Nanoparticles by Designer Affinity Tags. <i>Materials Today: Proceedings</i> , 2017, 4, 6923-6929.	1.8	2
39	Protein Immobilization on Gold Nanoparticles: Quantitative Analysis. <i>Methods in Molecular Biology</i> , 2020, 2118, 199-211.	0.9	2
40	Errors in CGAP xProfiler and cDNA DGED: the importance of library parsing and gene selection algorithms. <i>BMC Bioinformatics</i> , 2011, 12, 97.	2.6	1
41	Peptides and Anti-peptide Antibodies for Small and Medium Scale Peptide and Anti-peptide Affinity Microarrays: Antigenic Peptide Selection, Immobilization, and Processing. <i>Methods in Molecular Biology</i> , 2016, 1352, 51-66.	0.9	1
42	Mouse Hemokinin-1 Decapeptide Subjected to a Brain-specific Post-translational Modification. <i>In Vivo</i> , 2018, 31, 991-998.	1.3	1
43	Chip Based Proteomics Technology. , 2005, , 217-249.		0
44	Affinity Peptidomics Approach to Protein Detection, Quantification, and Protein Affinity Assays: Application to Forensics and Biometrics. , 0, , 191-231.		0
45	Selective Depletion and Enrichment Methods for the Analysis of Protein and Peptide Pools. , 0, , 233-264.		0
46	Molecular Cloning Approaches to Peptidomics: The Identification of Novel cDNAs Encoding Neurotoxin-Like Peptide Pools. , 0, , 71-97.		0
47	Immunopeptidomics: Applications to Dissect Immune Responses through Proteomic-Based Approaches. , 0, , 119-137.		0
48	Serum Proteomics in the Diagnosis and Treatment of Haematological Malignancies. <i>Current Proteomics</i> , 2010, 7, 195-208.	0.3	0
49	The Application of Semiconductor Quantum Dots for Enhancing Peptide Desorption, Improving Peak Resolution and Sensitivity of Detection in Matrix-Assisted Laser Desorption/Ionization (MALDI) Mass Spectrometry. , 2012, 906, 211-217.		0
50	Directed and Modular Protein Immobilization on Gold and Silver Nanoparticles. <i>Methods in Molecular Biology</i> , 2020, 2118, 227-234.	0.9	0
51	Oriented Immobilization on Gold Nanoparticles of a Recombinant Therapeutic Zymogen. <i>Methods in Molecular Biology</i> , 2020, 2118, 213-225.	0.9	0
52	Environmentally Acquired Bacillus and Their Role in C. difficile Colonization Resistance. <i>Biomedicines</i> , 2022, 10, 930.	3.2	0
53	Bottom-Up Approach to the Discovery of Clinically Relevant Biomarker Genes: The Case of Colorectal Cancer. <i>Cancers</i> , 2022, 14, 2654.	3.7	0