

Mikhail Soloviev

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,216
citations

471371

17
h-index

377752

34
g-index

55
all docs

55
docs citations

55
times ranked

1711
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Modelling the adsorption of proteins to nanoparticles at the solid-liquid interface. <i>Journal of Colloid and Interface Science</i> , 2022, 605, 286-295. | 5.0 | 9 |
| 2 | Colorectal Cancer Diagnosis: The Obstacles We Face in Determining a Non-Invasive Test and Current Advances in Biomarker Detection. <i>Cancers</i> , 2022, 14, 1889. | 1.7 | 25 |
| 3 | Environmentally Acquired Bacillus and Their Role in <i>C. difficile</i> Colonization Resistance. <i>Biomedicines</i> , 2022, 10, 930. | 1.4 | 0 |
| 4 | Bottom-Up Approach to the Discovery of Clinically Relevant Biomarker Genes: The Case of Colorectal Cancer. <i>Cancers</i> , 2022, 14, 2654. | 1.7 | 0 |
| 5 | Insulin-Like Growth Factor-1 (IGF-1) and Its Monitoring in Medical Diagnostic and in Sports. <i>Biomolecules</i> , 2021, 11, 217. | 1.8 | 34 |
| 6 | The Thames: Arresting Ecosystem Decline and Building Back Better. <i>Sustainability</i> , 2021, 13, 6045. | 1.6 | 5 |
| 7 | 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. | 1.2 | 3 |
| 8 | Micellar Antibiotics of Bacillus. <i>Pharmaceutics</i> , 2021, 13, 1296. | 2.0 | 9 |
| 9 | 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. | 1.9 | 5 |
| 10 | A thermo-responsive, self-assembling biointerface for on demand release of surface-immobilised proteins. <i>Biomaterials Science</i> , 2020, 8, 2673-2681. | 2.6 | 3 |
| 11 | Directed and Modular Protein Immobilization on Gold and Silver Nanoparticles. <i>Methods in Molecular Biology</i> , 2020, 2118, 227-234. | 0.4 | 0 |
| 12 | Oriented Immobilization on Gold Nanoparticles of a Recombinant Therapeutic Zymogen. <i>Methods in Molecular Biology</i> , 2020, 2118, 213-225. | 0.4 | 0 |
| 13 | Protein Immobilization on Gold Nanoparticles: Quantitative Analysis. <i>Methods in Molecular Biology</i> , 2020, 2118, 199-211. | 0.4 | 2 |
| 14 | Modular assembly of proteins on nanoparticles. <i>Nature Communications</i> , 2018, 9, 1489. | 5.8 | 76 |
| 15 | Mouse Hemokinin-1 Decapeptide Subjected to a Brain-specific Post-translational Modification. <i>In Vivo</i> , 2018, 31, 991-998. | 0.6 | 1 |
| 16 | Protein Conjugation to Nanoparticles by Designer Affinity Tags. <i>Materials Today: Proceedings</i> , 2017, 4, 6923-6929. | 0.9 | 2 |
| 17 | The Spore Coat Protein CotE Facilitates Host Colonization by <i>Clostridium difficile</i> . <i>Journal of Infectious Diseases</i> , 2017, 216, 1452-1459. | 1.9 | 37 |
| 18 | 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. | 0.4 | 1 |

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|----|--|-----|-----------|
| 19 | Primary Chemical Sequence Ultimately Determines Crystal Thickness in Segmented All-Aliphatic Copolymers. <i>Macromolecules</i> , 2014, 47, 7890-7899. | 2.2 | 11 |
| 20 | Elevated Transcription of the Gene QSOX1 Encoding Quiescin Q6 Sulfhydryl Oxidase 1 in Breast Cancer. <i>PLoS ONE</i> , 2013, 8, e57327. | 1.1 | 33 |
| 21 | Assembly of Protein Building Blocks Using a Short Synthetic Peptide. <i>Bioconjugate Chemistry</i> , 2012, 23, 479-484. | 1.8 | 16 |
| 22 | 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 |
| 23 | Gold Nanoparticle Antibody Conjugates for Use in Competitive Lateral Flow Assays. , 2012, 906, 45-55. | | 14 |
| 24 | The Use of EST Expression Matrixes for the Quality Control of Gene Expression Data. <i>PLoS ONE</i> , 2012, 7, e32966. | 1.1 | 3 |
| 25 | Effect of Gold Nanoparticle Conjugation on the Activity and Stability of Functional Proteins. <i>Methods in Molecular Biology</i> , 2012, 906, 89-99. | 0.4 | 13 |
| 26 | Errors in CGAP xProfiler and cDNA DGED: the importance of library parsing and gene selection algorithms. <i>BMC Bioinformatics</i> , 2011, 12, 97. | 1.2 | 1 |
| 27 | Serum Proteomics in the Diagnosis and Treatment of Haematological Malignancies. <i>Current Proteomics</i> , 2010, 7, 195-208. | 0.1 | 0 |
| 28 | Using single cell cultivation system for on-chip monitoring of the interdivision timer in <i>Chlamydomonas reinhardtii</i> cell cycle. <i>Journal of Nanobiotechnology</i> , 2010, 8, 23. | 4.2 | 26 |
| 29 | Labelling of live cells using fluorescent aptamers: binding reversal with DNA nucleases. <i>Journal of Nanobiotechnology</i> , 2010, 8, 8. | 4.2 | 15 |
| 30 | Binary polypeptide system for permanent and oriented protein immobilization. <i>Journal of Nanobiotechnology</i> , 2010, 8, 9. | 4.2 | 17 |
| 31 | SNARE tagging allows stepwise assembly of a multimodular medicinal toxin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18197-18201. | 3.3 | 47 |
| 32 | Affinity Peptidomics: Peptide Selection and Affinity Capture on Hydrogels and Microarrays. <i>Methods in Molecular Biology</i> , 2010, 615, 313-344. | 0.4 | 7 |
| 33 | Peptidomics: Divide et Impera. <i>Methods in Molecular Biology</i> , 2010, 615, 3-9. | 0.4 | 3 |
| 34 | N-Terminal Acetylation of the Neuronal Protein SNAP-25 Is Revealed by the SMI81 Monoclonal Antibody. <i>Biochemistry</i> , 2009, 48, 9582-9589. | 1.2 | 10 |
| 35 | Quantum dots improve peptide detection in MALDI MS in a size dependent manner. <i>Journal of Nanobiotechnology</i> , 2009, 7, 10. | 4.2 | 17 |
| 36 | Comprehensive gene expression atlas for the <i>Arabidopsis</i> MAP kinase signalling pathways. <i>New Phytologist</i> , 2008, 179, 643-662. | 3.5 | 105 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | The Impact of the Absence of Aliphatic Glucosinolates on Insect Herbivory in Arabidopsis. PLoS ONE, 2008, 3, e2068. | 1.1 | 223 |
| 38 | Selection strategy and the design of hybrid oligonucleotide primers for RACE-PCR: cloning a family of toxin-like sequences from Agelena orientalis. BMC Molecular Biology, 2007, 8, 32. | 3.0 | 10 |
| 39 | Nanobiotechnology today: focus on nanoparticles. Journal of Nanobiotechnology, 2007, 5, 11. | 4.2 | 18 |
| 40 | Conserved Prefusion Protein Assembly in Regulated Exocytosis. Molecular Biology of the Cell, 2006, 17, 283-294. | 0.9 | 64 |
| 41 | Peptidomics, current status. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 815, 11-24. | 1.2 | 27 |
| 42 | Chip Based Proteomics Technology. , 2005, , 217-249. | | 0 |
| 43 | Quantitative protein profiling using antibody arrays. Proteomics, 2004, 4, 3717-3726. | 1.3 | 82 |
| 44 | Combinatorial peptidomics: a generic approach for protein expression profiling. Journal of Nanobiotechnology, 2003, 1, 4. | 4.2 | 9 |
| 45 | Peptidomics: A new approach to affinity protein microarrays. Proteomics, 2003, 3, 122-128. | 1.3 | 58 |
| 46 | Self-assembly of proteins and their nucleic acids. Journal of Nanobiotechnology, 2003, 1, 1. | 4.2 | 14 |
| 47 | Competitive Assay Formats for High-Throughput Affinity Arrays. Journal of Biomolecular Screening, 2003, 8, 257-263. | 2.6 | 34 |
| 48 | EuroBiochips: spot the difference!. Drug Discovery Today, 2001, 6, 775-777. | 3.2 | 9 |
| 49 | Molecular characterisation of two structurally distinct groups of human homers, generated by extensive alternative splicing. Journal of Molecular Biology, 2000, 295, 1185-1200. | 2.0 | 60 |
| 50 | Affinity Peptidomics Approach to Protein Detection, Quantification, and Protein Affinity Assays: Application to Forensics and Biometrics. , 0, , 191-231. | | 0 |
| 51 | Selective Depletion and Enrichment Methods for the Analysis of Protein and Peptide Pools. , 0, , 233-264. | | 0 |
| 52 | Molecular Cloning Approaches to Peptidomics: The Identification of Novel cDNAs Encoding Neurotoxin-Like Peptide Pools. , 0, , 71-97. | | 0 |
| 53 | Immunopeptidomics: Applications to Dissect Immune Responses through Proteomic-Based Approaches. , 0, , 119-137. | | 0 |