

Victor N Morozov

List of Publications by Year in descending order

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30
papers

858
citations

623734

14
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

942
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospray Deposition as a Method for Mass Fabrication of Mono- and Multicomponent Microarrays of Biological and Biologically Active Substances. <i>Analytical Chemistry</i> , 1999, 71, 3110-3117.	6.5	187
2	Electrospray Deposition as a Method To Fabricate Functionally Active Protein Films. <i>Analytical Chemistry</i> , 1999, 71, 1415-1420.	6.5	121
3	Three Minutes-Long Electrophoretically Assisted Zeptomolar Microfluidic Immunoassay with Magnetic-Beads Detection. <i>Journal of the American Chemical Society</i> , 2007, 129, 12628-12629.	13.7	88
4	Hydration Effects Accompanying the Substitution of Counterions in the Ionic Atmosphere of Poly(rA)-Poly(rU) and Poly(rA)-Poly(rU) Helices. <i>Journal of the American Chemical Society</i> , 1996, 118, 7033-7039.	13.7	61
5	Rapid Simultaneous Ultrasensitive Immunodetection of Five Bacterial Toxins. <i>Analytical Chemistry</i> , 2012, 84, 5596-5603.	6.5	61
6	Generation and delivery of nanoaerosols from biological and biologically active substances. <i>Journal of Aerosol Science</i> , 2014, 69, 48-61.	3.8	33
7	Are Reactive Oxygen Species Generated in Electrospray at Low Currents?. <i>Analytical Chemistry</i> , 2014, 86, 1511-1517.	6.5	31
8	Water-soluble polyvinylpyrrolidone nanofilters manufactured by electrospray-neutralization technique. <i>Journal of Membrane Science</i> , 2012, 403-404, 110-120.	8.2	30
9	Direct detection of isotopically labeled metabolites bound to a protein microarray using a charge-coupled device. <i>Journal of Proteomics</i> , 2002, 51, 57-67.	2.4	29
10	Generation of biologically active nano-aerosol by an electrospray-neutralization method. <i>Journal of Aerosol Science</i> , 2011, 42, 341-354.	3.8	28
11	Water-soluble filters from ultra-thin polyvinylpyrrolidone nanofibers. <i>Journal of Membrane Science</i> , 2013, 448, 151-159.	8.2	26
12	Force differentiation in recognition of cross-reactive antigens by magnetic beads. <i>Analytical Biochemistry</i> , 2008, 374, 263-271.	2.4	24
13	Filtering and optical properties of free standing electrospun nanomats from nylon-4,6. <i>European Polymer Journal</i> , 2016, 75, 317-328.	5.4	23
14	Carboxymethyl Cellulose Film as a Substrate for Microarray Fabrication. <i>Analytical Chemistry</i> , 2014, 86, 2082-2089.	6.5	19
15	Effect of Nuclear Protein HMG1 on in Vitro Slippage Synthesis of the Tandem Repeat dTCG-dCA. <i>Biochemistry</i> , 1997, 36, 5418-5424.	2.5	10
16	Titration of trace amounts of immunoglobulins in a microarray-based assay with magnetic labels. <i>Analytica Chimica Acta</i> , 2017, 966, 47-53.	5.4	10
17	Electrospray Deposition of Biomolecules. , 2009, 119, 115-162.		9
18	Polyacrylamide-based material for electrospun humidity-resistant, water-soluble nanofilters. <i>Polymers for Advanced Technologies</i> , 2008, 19, 1276-1285.	3.2	8

#	ARTICLE	IF	CITATIONS
19	A collection system for dry solid residues from exhaled breath for analysis via atomic force microscopy. <i>Journal of Breath Research</i> , 2017, 11, 016006.	3.0	8
20	Non-invasive approach to diagnosis of pulmonary tuberculosis using microdroplets collected from exhaled air. <i>Journal of Breath Research</i> , 2018, 12, 036010.	3.0	8
21	Nanoaerosols reduce required effective dose of liposomal levofloxacin against pulmonary murine <i>Francisella tularensis</i> subsp. <i>novicida</i> infection. <i>Journal of Nanobiotechnology</i> , 2016, 14, 29.	9.1	7
22	Conic Electrophoretic Concentrator for Charged Macromolecules. <i>Analytical Chemistry</i> , 2011, 83, 5548-5555.	6.5	6
23	Dry Lung as a Physical Model in Studies of Aerosol Deposition. <i>Lung</i> , 2015, 193, 799-804.	3.3	5
24	Reversible and Irreversible Mechanical Damaging of Large Double-Stranded DNA upon Electrospraying. <i>Analytical Chemistry</i> , 2016, 88, 7295-7301.	6.5	5
25	Non-invasive lung disease diagnostics from exhaled microdroplets of lung fluid: perspectives and technical challenges. <i>Journal of Breath Research</i> , 2018, 12, 017103.	3.0	5
26	Stabilization of Helical Peptides by Mixed Spaced Salt Bridges. <i>Journal of Biomolecular Structure and Dynamics</i> , 1996, 14, 285-291.	3.5	4
27	Knockdown of Fruit Flies by Imidacloprid Nanoaerosol. <i>Environmental Science & Technology</i> , 2015, 49, 12483-12489.	10.0	4
28	AFM imaging of exhaled microdroplets and dry residues collected by impactor. <i>Journal of Aerosol Science</i> , 2018, 123, 131-140.	3.8	4
29	Ballistic Penetration of Highly Charged Nanoaerosol Particles through a Lipid Monolayer. <i>Langmuir</i> , 2017, 33, 7829-7837.	3.5	3
30	Exposure to bleomycin nanoaerosol does not induce fibrosis in mice. <i>European Journal of Nanomedicine</i> , 2016, 8, .	0.6	1