

Alexei A Gorbunov

List of Publications by Year in descending order

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22
papers

870
citations

623734

14
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

284
citing authors

#	ARTICLE	IF	CITATIONS
1	Epitope specificity of two anti- ϵ -morphine monoclonal antibodies: In vitro and in silico studies. Journal of Molecular Recognition, 2020, 33, e2846.	2.1	2
2	Chromatography under critical conditions: An analogy between functionalized and partially cyclic polymers. Journal of Chromatography A, 2016, 1456, 162-168.	3.7	5
3	Theory of chromatography of partially cyclic polymers: Tadpole-type and manacle-type macromolecules. Journal of Chromatography A, 2016, 1433, 56-65.	3.7	5
4	Discrimination of block structures in liquid adsorption chromatography of polymers. Simulation and experiment. Journal of Chromatography A, 2014, 1329, 98-106.	3.7	6
5	Simulating chromatographic separation of topologically different polymers. Procedia Chemistry, 2010, 2, 140-151.	0.7	6
6	Theory of chromatography of ring-shaped block copolymers. Polymer, 2010, 51, 3285-3292.	3.8	7
7	Two-dimensional liquid chromatography of diblock copolymers: Simulation at various adsorption interaction conditions. Journal of Chromatography A, 2010, 1217, 4825-4833.	3.7	14
8	A theory of topological separation of linear and star-shaped polymers by two-dimensional chromatography. Polymer, 2009, 50, 2727-2735.	3.8	18
9	Calibration of chromatographic systems for quantitative prediction of chromatography of homopolymers. Journal of Chromatography A, 2009, 1216, 8883-8890.	3.7	14
10	Liquid Chromatography of Theta-Shaped and Three-Armed Star Poly(tetrahydrofuran)s: Theory and Experimental Evidence of Topological Separation. Analytical Chemistry, 2008, 80, 8153-8162.	6.5	27
11	Characterization of EO-PO Block Copolymers by Liquid Chromatography Under Critical Conditions. Macromolecular Symposia, 2006, 237, 18-27.	0.7	32
12	Theory of chromatographic separation of linear and star-shaped binary block-copolymers. Journal of Chromatography A, 2005, 1064, 169-181.	3.7	43
13	Theory of chromatography of complex cyclic polymers: eight-shaped and daisy-like macromolecules. Polymer, 2004, 45, 6761-6770.	3.8	31
14	Theory of chromatography of linear and cyclic polymers with functional groups. Polymer, 2004, 45, 7303-7315.	3.8	42
15	Liquid chromatography of polyethylene glycol mono- and diesters: functional macromolecules or block copolymers?. Journal of Chromatography A, 2003, 984, 29-43.	3.7	57
16	Retention Behavior of Linear and Ring Polystyrene at the Chromatographic Critical Condition. Macromolecules, 2002, 35, 529-538.	4.8	82
17	Theory of liquid chromatography of mono- and difunctional macromolecules. Journal of Chromatography A, 2002, 955, 9-17.	3.7	71
18	Liquid exclusion-adsorption chromatography: a new technique for isocratic separation of non-ionic surfactants. Journal of Chromatography A, 2002, 953, 89-99.	3.7	49

#	ARTICLE	IF	CITATIONS
19	Liquid exclusion adsorption chromatography: new technique for isocratic separation of nonionic surfactants. <i>Journal of Chromatography A</i> , 2001, 910, 207-216.	3.7	80
20	Liquid adsorption chromatography of polyethers: experiments and simulation. <i>Journal of Chromatography A</i> , 2000, 890, 195-210.	3.7	36
21	Reversed-phase high-performance liquid chromatography of polyethers. <i>Journal of Chromatography A</i> , 1998, 798, 187-201.	3.7	43
22	Statistical properties of confined macromolecules. <i>Advances in Colloid and Interface Science</i> , 1995, 62, 31-108.	14.7	200