

Itamar Borukhov

List of Publications by Year in descending order

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15
papers

1,630
citations

686830

13
h-index

996533

15
g-index

15
all docs

15
docs citations

15
times ranked

1752
citing authors

#	ARTICLE	IF	CITATIONS
1	Steric Effects in Electrolytes: A Modified Poisson-Boltzmann Equation. <i>Physical Review Letters</i> , 1997, 79, 435-438.	2.9	818
2	Enthalpic Stabilization of Brush-Coated Particles in a Polymer Melt. <i>Macromolecules</i> , 2002, 35, 5171-5182.	2.2	142
3	Scaling Laws of Polyelectrolyte Adsorption. <i>Macromolecules</i> , 1998, 31, 1665-1671.	2.2	113
4	Structural polymorphism of the cytoskeleton: A model of linker-assisted filament aggregation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3673-3678.	3.3	97
5	Effect of Polyelectrolyte Adsorption on Intercolloidal Forces. <i>Journal of Physical Chemistry B</i> , 1999, 103, 5042-5057.	1.2	91
6	Effect of Mono- and Multivalent Salts on Angle-Dependent Attractions Between Charged Rods. <i>Physical Review Letters</i> , 2004, 93, 128101.	2.9	72
7	Stabilizing grafted colloids in a polymer melt: Favorable enthalpic interactions. <i>Physical Review E</i> , 2000, 62, R41-R44.	0.8	63
8	Charge renormalization of cylinders and spheres: Ion size effects. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 3598-3615.	2.4	59
9	Association of two semiflexible polyelectrolytes by interchain linkers: Theory and simulations. <i>Journal of Chemical Physics</i> , 2002, 117, 462-480.	1.2	43
10	Peptides modulating conformational changes in secreted chaperones: From in silico design to preclinical proof of concept. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13797-13801.	3.3	38
11	Elastically Driven Linker Aggregation between Two Semiflexible Polyelectrolytes. <i>Physical Review Letters</i> , 2001, 86, 2182-2185.	2.9	34
12	Raft Instability of Biopolymer Gels. <i>Physical Review Letters</i> , 2001, 87, 158101.	2.9	33
13	Morphological Transitions during the Formation of Templated Mesoporous Materials: Theoretical Modeling. <i>Langmuir</i> , 2006, 22, 605-614.	1.6	19
14	Gp96 Peptide Antagonist gp96-II Confers Therapeutic Effects in Murine Intestinal Inflammation. <i>Frontiers in Immunology</i> , 2017, 8, 1531.	2.2	7
15	Competitive Adsorption of Amphiphilic Molecules and the Stability of Water-Swollen Micelles in Oil. <i>Langmuir</i> , 2005, 21, 7109-7120.	1.6	1