

Evgeny Shulzinger

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

256
citations

1039880

9
h-index

1058333

14
g-index

19
all docs

19
docs citations

19
times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma treatment of silicone oil- infused surfaces switches impact of water droplets from bouncing to tanner-like spreading. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 538, 133-139.	2.3	11
2	On the Universal Quantitative Pattern of the Distribution of Initial Characters in General Dictionaries: The Exponential Distribution is Valid for Various Languages. Journal of Quantitative Linguistics, 2017, 24, 273-288.	0.7	6
3	Self-assembled levitating clusters of water droplets: pattern-formation and stability. Scientific Reports, 2017, 7, 1888.	1.6	61
4	Self-propelling rotator driven by soluto-capillary marangoni flows. Applied Physics Letters, 2017, 110, 131604.	1.5	19
5	Relaxation spectra of polymers and phenomena of electrical and hydrophobic recovery: Interplay between bulk and surface properties of polymers. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 198-205.	2.4	13
6	Under-Liquid Self-Assembly of Submerged Buoyant Polymer Particles. Langmuir, 2016, 32, 5714-5720.	1.6	3
7	Electrostatic interaction between water droplets coated by cold plasma treated silicone oil. Quantification of cold plasmas charging of liquids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 509, 224-228.	2.3	4
8	Revisiting the Benford law: When the Benford-like distribution of leading digits in sets of numerical data is expectable?. Physica A: Statistical Mechanics and Its Applications, 2016, 461, 595-601.	1.2	8
9	Benford's law, its applicability and breakdown in the IR spectra of polymers. Physica A: Statistical Mechanics and Its Applications, 2016, 444, 524-529.	1.2	9
10	Sagging ropes demonstrate transversality conditions of variational problems. American Journal of Physics, 2015, 83, 998-1002.	0.3	2
11	Progress in low voltage reversible electrowetting with lubricated polymer honeycomb substrates. RSC Advances, 2015, 5, 32491-32496.	1.7	23
12	Physical mechanisms of interaction of cold plasma with polymer surfaces. Journal of Colloid and Interface Science, 2015, 448, 175-179.	5.0	52
13	Phenomenological model of wetting charged dielectric surfaces and its testing with plasma-treated polymer films and inflatable balloons. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 487, 162-168.	2.3	9
14	Infrared fiber optic spectroscopy: a novel tool for skin diagnosis. , 2004, 5321, 44.		3
15	Fiberoptic infrared spectroscopy: a novel tool for the analysis of urine and urinary salts in situ and in real time. Urology, 2003, 61, 231-235.	0.5	14
16	<title>Infrared fiber optic evanescent wave spectroscopy for the study of diffusion in the human skin</title>. , 2002, , .		9
17	<title>New applications of fiber-optic IR spectroscopy in urologic practice</title>. , 2002, , .		4
18	<title>Investigation of water penetration in polystyrene by use of polymer-coated AgClBr fibers and development of new sensor intended for the FEWS spectroscopy of organic compounds in water</title>. , 2000, 4129, 305.		6