Igor V Yaminsky

List of Publications by Year
in descending order

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130 papers	2,107 citations	331642 21 h-index	243610 44 g-index
132 all docs	132 docs citations	132 times ranked	2980 citing authors

#	Article	IF	Citations
1	Đ¡ĐšĐĐĐ˜ĐĐ£Đ®Đ©ĐĐ˜ Đ—ĐžĐĐ”ĐžĐ’ĐĐ˜ ĐœĐ˜ĐšĐĐžĐ¡ĐšĐžĐŸĐ˜Đ˜ Đ‘ĐĐšĐ¢Đ•ĐĐ˜Đ™: Đ“Đ•ĐĐžĐ¢Đ˜ĐŸ Đ˜ĐĐ•ĐĐžĐ¢Đ˜ĐŸ. Nan	0.0	1
2	Đ¡Đ¢ĐĐ£ĐšĐ¢Đ£ĐĐĐĐ˜ ĐžĐĐ“ĐĐĐ˜Đ—ĐĐ¦Đ˜Đ˜ ĐŸĐžĐ’Đ•ĐĐ¥ĐĐžĐ¡Đ¢Đ˜ Đ¡ĐŸĐžĐ BACILLUS CEREUS. Nanoindustry Russia, 2022,	0.0	1
3	Đ¡Đ˜Đ›Đ•Đ¡ĐšĐĐĐ˜ĐĐ£Đ®Đ©Đ•Đ“Đž Đ¡Đ˜Đ›ĐžĐ’ĐžĐ“Đž ĐœĐ˜ĐšĐĐžĐ¡ĐšĐžĐŸĐ•: Nanoindustry Russia, 2022, 15, 140-143.	0.0	1
4	Đ¡Đ›ĐžĐ’Đ•Đ˜ Đ¡Đ›ĐĐ’Đ•Đ—ĐžĐĐ”ĐžĐ’ĐžĐ™ ĐœĐ˜ĐšĐĐžĐ¡ĐšĐžĐŸĐ˜Đ˜: Đ˜Đ—Đ«Đš Đ”Đž ĐŸĐ•ĐšĐ˜ĐĐ•Đ”ĐžĐ’Đ”Đ”Đ•Đ¢Đ Nanoindu	0.0	1
5	Đ¡ĐšĐĐĐ˜ĐĐ£Đ®Đ©ĐĐ˜ ĐšĐĐŸĐ˜Đ›Đ›Đ˜ĐĐĐĐ˜ ĐœĐ˜ĐšĐĐžĐ¡ĐšĐžĐŸĐ˜Đ˜: Đ’Đ˜Đ—Đ£ĐĐ›Đ˜Đ—ĐĐ¦Đ˜Đ˜ ĐžĐŸĐ¥ĐžĐ¤Đ•Đ’Đ«Đ¥	0.0	1
6	ĐœĐžĐ”Đ•ĐĐ•ĐĐ›Đ˜ĐĐ¢ ĐœĐžĐ”Đ£. Nanoindustry Russia, 2022, 15, 178-185.	0.0	1
7	Đ“Đ¾Đ´Đ½Đ°ÑƒĐºĐ¸Đ¸ Ñ‚ĐµÑ…Đ½Đ¾Đ»Đ¾Đ³Đ¸Đ¹. Nanoindustry Russia, 2021, 14, 24-28.	0.0	1
8	ĐŸÑ€Đ¾Đ³Ñ€Đ°Đ¼Đ¼Đ½Đ¾Đµ Đ¾Đ±ĐµÑĐ¿ĐµÑ‡Đ½Đ¸Đµ "ĐĐµĐ¼Ñ‚Đ¾Đ¿ĐºÐ°Đ½ ĐžĐ½Đ»Đ°Đ¹Đ½" Đ¸ Ñ‚Đ»ĐµĐ Đ¾Đ	0.0	1
9	Đ’Đ·Đ³Đ»ĐĐ´Đ² Đ½Đ°Đ½Đ¾Đ¼Đ¸Ñ€: Đ² ĐºĐ¾Đ½Ñ‚Đ°ĐºÑ‚Đµ. Nanoindustry Russia, 2021, 14, 136-141.	0.0	1
10	ĐÑ‚Đ¾Đ¼Đ½Đ¾-ĐĐ¸Đ»Đ¾Đ²Đ°Đ•Đ¼Đ¸ĐºÑ€Đ¾ĐĐºĐ¾Đ¿Đ¸Ñ• Đ¸Đ·ÑƒÑ‡ĐµĐ½Đ¸Đµ Đ²Đ¸Ñ€ÑƒÑĐ¾Đ². Nanoindustry Russia, 2021	0.0	2
11	High resolution imaging of viruses: Scanning probe microscopy and related techniques. Methods, 2021, 197, 30-30.	3.8	4
12	ĐžĐ¿Ñ‚Đ¸Ñ‡ĐµÑĐºĐ°Đ•Đ¼Đ¸ĐºÑ€Đ¾ĐĐºĐ¾Đ¿Đ¸Đ•Ñ•Đ¸ĐĐ¿Đ¾Đ»ÑŒĐ·Đ¾Đ²Đ°Đ½Đ¸Đ¼ Đ¼Đ¸ĐºÑ€Đ¾Đ»Đ¸Đ·. Nanoindustry	0.0	1
13	ĐĐ»ĐµĐºÑ‚Ñ€Đ¾Đ¼Đ¸ĐµÑ…Đ°Đ½Đ¸Ñ‡ĐµÑĐºĐ¸Đ¸ Đ¾Đ°Đ½Ñ‚Đ¸Đ¸Đ»ĐµĐ²ĐµÑ€Đ½Ñ‹Đ¼ ÑĐµĐ½ĐĐ¾Đ¼Đ¾Đ»Đ¾Đ³Đ¸Ñ‡ĐµÑĐºĐ¸Đ¸ Đ´Đ»Ñ• Đ¾Đ±Đ½Đ°Ñ€Ñ	0.0	1
14	ĐĐ²Ñ‚Đ¾Đ¼Đ°Ñ‚Đ¸Đ·Đ¸Ñ€Đ¾Đ²Đ°Đ½Đ½Ñ‹Đ¹ Đ¿Đ¾Đ¸ĐºÑ Đ½Đ°Đ½Đ¾Ñ‡Đ°ÑĐ¸Đ¸Ñ† Đ½Đ° Đ¸Đ·Đ¾Đ±Ñ€ĐµÑ‚Đ°ĐµĐ½Đ¸Ñ… Đ·Đ	0.0	1
15	ĐĐ¾Đ²Đ¾Đµ Ñ€ĐµÑˆĐµĐ½Đ¸Đµ Đ´Đ»Ñ•Đ±Đ¸Đ¾Đ½Đ°Đ½Đ¾ĐºĐ¾Đ¿Đ¸Đ¸ Đ¾Đ° Đ¾ÑĐ½Đ¾Đ²Đµ Ñ‚ĐµÑ…Đ½Đ¾Đ»Đ¾Đ³	0.0	1
16	ĐĐ¾Đ²Ñ‹Đ¹ Đ²Đ·Đ³Đ»ÑĐ´ Đ½Đ° Đ¾Ñ‚Đ¸Đ¸Ñ‡ĐµÑĐºĐ¸Ñƒ Đ¼Đ¸ĐºÑ€Đ¾ĐĐºĐ¾Đ¿Đ¸Đ¸ Đ±Đ°ĐºÑ‚Đ¸Đ¸ Ñ‚Đ¾Đ²Đ¾ĐœĐ¼Đ¸	0.0	1
17	Đ˜ÑĐ¿Đ¾Đ»ÑŒĐ·Đ¾Đ²Đ°Đ½Đ¸Đµ Đ¼Đ¸ĐºÑ€Đ¾Đ»Đ¸Đ· Đ´Đ»Ñ•ÑƒĐ²ĐµĐ»Đ¸Ñ‡ĐµĐ½Đ¸Ñ•Ñ€Đ°Đ·Ñ€ĐµÑˆĐ°ÑÑ‰Đ¸Đ¸	0.0	1
18	ĐœĐ¸ĐºÑ€Đ¾Đ¼Đ¾Đ¿Đ¸Ñ•ĐĐ²ĐµÑ€Ñ…Đ²Ñ‹ĐĐ¾Đ¼Đ¾Đ³Đ¾ Ñ€Đ°Đ·Ñ€ĐµÑˆĐ°ÑÑ‰Đ¸Đ² Đ±Đ¸Đ¾Đ¼Đ¼ĐµĐ´Đ¸Đ¸Đ½Đ¸ Đ¸Đ±Đ¸	0.0	1

#	Article	IF	Citations
19	ÐŸÐ¾ÑÑ‚Ð¾ÑĞ½Ð½Ð¾Ðµ Ð¾Ð±Ð¾Ð½Ð°Ñ‡Ð¸Ð²Ð°Ð½Ð¸Ðµ Ð¸ Ð°Ð½Ð°Ð»Ð¸Ð· Ñ‚Ñ€ÐµÑ…Ñ… Ð¸Ð·Ð¾Ð»ÑÑ‚Ð¾Ð²	0.0	0
20	Interaction between nanocellulose and tobacco mosaic virus-like particles: an atomic force microscopy study. Cellulose, 2020, 27, 2381-2387.	4.9	2
21	ÐŸÑ€Ð¸Ð¼ÐµÐ½ÐµÐ½Ð¸Ðµ ÑÐºÐ°Ð½Ð¸Ñ€ÑƒÑŽÑ‰ÐµÐ¹ Ð·Ð¾Ð½Ð´Ð¾Ð²Ð¾Ð¹ Ð¸ ÐºÐ°Ð¿Ð¸Ð»Ð»ÑÑ€Ð½Ð¾Ð¹	0.0	0
22	Ð¦ÐµÐ½Ñ‚Ñ€ Ð¿Ñ€Ð¾Ñ‚Ð¸Ð²Ð½Ñ‹Ñ… Ñ‚ÐµÑ…Ð½Ð¾Ð»Ð¾Ð³Ð¸Ð¹: Ð¿Ð»Ð°Ð½ Ð¸ Ð¸Ñ‚Ð¾Ð³Ð¸	0.0	1 Nanoindus
23	ÐÐ°Ð½Ð¾Ð¼Ð¾Ð´Ð¸Ñ„Ð¸Ñ†Ð¸Ñ€Ð¾Ð²Ð°Ð½Ð½Ñ‹Ðµ Ð¸Ð½Ñ„ÐµÐºÑ†Ð¸Ð¾Ð½Ð½Ñ‹Ðµ	0.0	0
24	Ð‘Ñ‹ÑÑ‚Ñ€Ð¾Ðµ Ñ‚ÐµÑÑ‚Ð¸Ñ€Ð¾Ð²Ð°Ð½Ð¸Ðµ Ð½Ð° Ð²Ð¸Ñ€ÑƒÑ	0.0	0
25	Ð¡Ñ€ÐµÐ´ÑÑ‚Ð²Ð° Ð²Ñ‹Ñ€Ð°Ð¶Ð¸Ð²Ð°Ð½Ð¸Ñ Ð¿Ð¾Ñ€Ð¾Ð² bacillus cereus. Nanoindustry Russia, 2020, 13, 458-464.	0.0	1
26	Ð¡Ñ€ÐµÐ´ÑÑ‚Ð²Ð° Ñ€Ð·Ð¾Ð½Ð¾Ð²Ð¾Ð³Ð¾ Ñ‚Ð¸Ð¿Ð° Ð¿Ð¾Ñ€Ð¾Ð² bacillus cereus. Nanoindustry Russia, 2020, 13, 426-432.	0.0	1
27	Ð¸Ð½Ñ‚ÐµÑ€Ð°ÐºÑ†Ð¸Ñ Ð±ÐµÐ»ÐºÐ¾Ð²Ñ‹Ñ… ÐºÐ¾Ð¼Ð¿Ð»ÐµÐºÑÐ¾Ð² Brevibacillus laterosporus. Na	0.0	2
28	Ð¡ÐºÐ°Ð½Ð¸Ñ€ÑƒÑŽÑ‰Ð°Ñ Ð·Ð¾Ð½Ð´Ð¾Ð²Ð°Ñ Ð¼Ð¸ÐºÑ€Ð¾ÑÐºÐ¾Ð¿Ð¸Ñ Ð¸ Ð¸Ñ…	0.0	0 Ð¿Ñ€
29	Ð¡ÐºÐ°Ð½Ð¸Ñ€ÑƒÑŽÑ‰Ð°Ñ Ð·Ð¾Ð½Ð´Ð¾Ð²Ð°Ñ Ð¼Ð¸ÐºÑ€Ð¾ÑÐºÐ¾Ð¿Ð¸Ñ Ñ€ÐµÐ°Ð»ÑŒÐ½Ð¾Ð³Ð¾	0.0	0 Ð²Ñ€ÐµÐ¼
30	Ð¯Ð½Ñ‚Ð°Ñ€Ð½Ð°Ñ†Ð¸Ñ•Ð¼Ð¾Ð´Ð¸Ñ„Ð¸Ñ†Ð¸Ñ€Ð¾Ð²Ð°Ð½Ð½Ñ‹Ðµ Ð¾Ð±Ñ€Ð°Ð·Ñ†Ñ‹	0.0	0
31	Ð—Ð¾Ð½Ð´Ð¾Ð²Ð°Ñ•Ð¼Ð¸ÐºÑ€Ð¾ÑÐºÐ¾Ð¿Ð¸Ñ•Ð² Ð¸Ñ‚Ð¾Ð³Ðµ Ð¾Ð±Ð¾Ð·Ð½Ð°Ñ‡Ð¸Ð»	0.0	0
32	Ð¦Ð¸Ñ„Ñ€Ð¾Ð²Ð°Ñ•Ð¿Ñ€Ð¾Ñ‚Ð¾Ñ‚Ð¸Ð¿Ð¸Ñ€Ð¾Ð²Ð°Ð½Ð¸Ðµ Ð¸ Ð¾Ð±Ñ€Ð°Ð·Ð¾Ð²Ð°Ð½Ð¸Ðµ	0.0	0
33	Label-free sensitive detection of influenza virus using PZT discs with a synthetic sialylglycopolymer receptor layer. Royal Society Open Science, 2019, 6, 190255.	2.4	20
34	Highly sensitive detection of influenza virus with SERS aptasensor. PLoS ONE, 2019, 14, e0216247.	2.5	93
35	Ð¡ÐºÐ°Ð½Ð¸Ñ€ÑƒÑŽÑ‰Ð°Ñ Ð·Ð¾Ð½Ð´Ð¾Ð²Ð°Ñ Ð¼Ð¸ÐºÑ€Ð¾ÑÐºÐ¾Ð¿Ð¸Ñ•2D Ð½Ð°Ð½Ð¾Ñ€Ð°Ð·Ð¼ÐµÑ€Ð½Ñ‹Ñ… Ñ‚Ñ	0.0	0
36	ÐÐµÐ¼Ð¾Ð¡Ð°Ð½Ð¸Ñ Ð² Ð¢ÐµÐ³ÐµÐ½Ñ€Ð°Ð½Ð½Ñ‹Ðµ. Nanoindustry Russia, 2019, 12, 68-71.	0.0	0

#	Article	IF	Citations
37	Ð˜ÐºÐ¾Ð»Ðµ Ð½ÑƒÐ¶ÐµÐ½ ÐÐµÐ¼Ñ‚Ð¾Ð¿Ð°Ð°Ð½. Nanoindustry Russia, 2019, 12, 64-66.	0.0	0
38	Ð¡ÐºÐ°Ð½Ð¸Ñ€ÑƒÑŽÑ‰Ð°Ñ•Ð·Ð¾Ð½Ð´Ð¾Ð²Ð°Ñ•Ð¼Ð¸ÐºÑ€Ð¾Ñ•ÐºÐ¾Ð¿Ð¸Ñ• Ð¸Ñ‚Ð»ÐµÐ´Ð¾Ð²Ð°Ð½Ð¸Ñ… Ñ‚Ð¾Ð¿Ð¾Ð³Ñ€Ð°Ñ„Ð¸Ð¸		
39	ÐŸÐµÑ€ÐµÐ´Ð¾Ð²Ñ‹Ðµ Ð¼ÐµÑ‚Ð¾Ð´Ñ‹ Ð²Ñ‹Ñ‚Ð¾Ð¿Ð¾Ð³Ñ€Ð°Ñ„Ð¸Ð¸ Ð·Ð¾Ð½Ð´Ð¾Ð²Ð¾Ð¹ Ð¼Ð¸ÐºÑ€Ð¾ÑÐºÐ¾Ð¿Ð¸Ð¸		
40	ÐÐ°Ð²Ð¸Ð³Ð°Ñ†Ð¸Ð¾Ð½Ð½Ñ‹Ñ€ÑƒÐ¼ÐµÐ½Ñ‚Ð°Ð»ÑŒÐ½Ñ‹Ðµ Ð¼ÐµÑ‚Ð¾Ð´Ñ‹ Ð±Ð¸Ð¾Ð½Ð°Ð½Ð¾Ð¸Ð½Ð´ÑƒÑ		Nanoindu
41	ÐÐµÐ¼Ñ‚Ð¾Ð¿Ð°Ð°Ð½, 3D-Ð±Ð¸Ð¾Ð¿ÐµÑ‡Ð°Ñ‚ÑŒ, Ð½Ð°Ð½Ð¾Ñ…Ð¸Ð¼Ð¸Ñ Ð±Ð¸Ð¾Ñ‚ÐµÑ…Ð½Ð¾Ð»Ð¾Ð³Ð¸Ð¸: Ð¾Ð±Ð·Ð¾Ñ€		
42	ÐžÐ±Ñ€Ð°Ð±Ð°Ñ‚Ñ‹Ð²Ð°ÑŽÑ‰Ð¸Ðµ Ñ†ÐµÐ½Ñ‚Ñ€Ñ‹ Ñ•Ð°Ð²Ñ‚Ð¾Ð¼Ð°Ñ‚Ð¸Ñ‡ÐµÑ•Ð¾Ð¹ Ñ¼Ð¸ÐºÑ€Ð¾Ñ•ÐºÐ¾Ð¿Ð¸Ð¸		
43	ÐœÐµÑ‚Ð¾Ð´Ñ‹ Ð·Ð¾Ð½Ð´Ð¾Ð²Ð¾Ð¹ Ð¼Ð¸ÐºÑ€Ð¾Ñ•ÐºÐ¾Ð¿Ð¸Ð¸ Ð´Ð»Ñ•Ð¾Ð»Ð¸Ð³Ð¾Ð½Ð¾Ð²Ñ‹Ñ…		
44	ÐœÐ¾Ð´ÐµÑ€Ð½Ð¸Ð·Ð¸Ñ€Ð¾Ð²Ð°Ð½Ð½Ñ‹Ð¹ Ñ¼ÐµÑ‚Ð¾Ð´Ð¸Ñ€ÑƒÐ¶Ñ‰Ð¸Ð¹ Ð·Ð¾Ð½Ð´Ð¾Ð²Ñ‹Ð¹ Ð¼Ð¸ÐºÑ€Ð¾Ñ•ÐºÐ¾Ð¿		
45	ATC "Ð˜Ð½Ð´ÑƒÑ¼Ñ€Ð¸Ñ•4.0": Ð¾Ñ¼Ð½Ð¾Ð²Ð»Ñ‘Ð¼Ð½Ð¾Ð²Ð¾Ð¼ Ð¿Ñ€Ð¾Ð¼Ñ‹ÑˆÐ»ÐµÐ½Ð½Ð¾Ð¼		
46	Ð§Ð¾ Ð½ÐµÐ¼ Ñ¼Ð¾Ð¸, Ð·Ð°Ð²Ð¾Ð´ Ð¿Ð¾Ñ¼Ñ€Ð¾Ð¸Ñ‚ Ð¸Ð·	0.0	0
47	ÐÐµÐ¼Ñ‚Ð¾Ð¿Ð°Ð°Ð½ Ð¸ ÐÐµÐ¼Ñ‚Ð¾Ð¿Ð°Ð°Ð½ XI Ð½Ð° Ñ„Ð¾Ñ€Ñƒ		
48	Evolution of the Nanoporous Structure of High-Density Polyethylene during Drawing in Supercritical Carbon Dioxide. Macromolecules, 2018, 51, 1129-1140.	4.8	19
49	Blister formation during graphite surface oxidation by Hummersâ€™ method. Beilstein Journal of Nanotechnology, 2018, 9, 407-414.	2.8	12
50	Direct Observation of Changes in Focal Conic Domains of Cholesteric Films Induced by Ultraviolet Irradiation. Journal of Physical Chemistry B, 2017, 121, 5407-5412.	2.6	10
51	Effect of DNA bending on transcriptional interference in the systems of closely spaced convergent promoters. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 2086-2096.	2.4	8
52	Dependence of the structure of siloxane urethane elastomer on the conditions of synthesis. Bulletin of the Russian Academy of Sciences: Physics, 2016, 80, 1427-1430.	0.6	0
53	A hypothetical hierarchical mechanism of the self-assembly of the Escherichia coli RNA polymerase Ïƒ⁷⁰subunit. Soft Matter, 2016, 12, 1974-1982.	2.7	4
54	A Genetically Modified Tobacco Mosaic Virus that can Produce Gold Nanoparticles from a Metal Salt Precursor. Frontiers in Plant Science, 2015, 6, 984.	3.6	45

#	Article	IF	Citations
55	Effect of an organosilicon modifier on the structure of polyether urethanes. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 1350-1352.	0.6	1
56	Cantilever sensors based on sialylglycopolymer virus receptor with different readout systems. , 2015, , .		0
57	Synthetic sialylglycopolymer receptor for virus detection using cantilever-based sensors. Analyst, The, 2015, 140, 6131-6137.	3.5	14
58	Surface Relief Changes in Cholesteric Cyclosiloxane Oligomer Films at Different Temperatures. Journal of Physical Chemistry B, 2015, 119, 12708-12713.	2.6	10
59	Development of a Biosensor for the Prediction and Early Detection of Cardiovascular Diseases Based on Saliva Composition Analysis. Biosciences, Biotechnology Research Asia, 2015, 12, 1913-1922.	0.5	1
60	Studying the structure of polysiloxane carbonate urethanes. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 878-880.	0.6	1
61	Statistical Analysis of Molecular Nanotemplate Driven DNA Adsorption on Graphite. Langmuir, 2014, 30, 15423-15432.	3.5	20
62	The use of tobacco mosaic virus and cowpea mosaic virus for the production of novel metal nanomaterials. Virology, 2014, 449, 133-139.	2.4	70
63	Biosynthesis of Stable Iron Oxide Nanoparticles in Aqueous Extracts of Hordeum vulgare and Rumex acetosa Plants. Langmuir, 2014, 30, 5982-5988.	3.5	248
64	Peculiarities and mechanism of surface topography changes in photochromic cholesteric oligomer-based films. Colloid and Polymer Science, 2014, 292, 1567-1575.	2.1	8
65	Electrochemical Nanoprobes for Single-Cell Analysis. ACS Nano, 2014, 8, 875-884.	14.6	195
66	Streptavidin conjugates with gold nanoparticles for visualization of single DNA interactions on the silicon surface. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2014, 8, 164-167.	0.4	10
67	The Model of Amyloid Aggregation of Escherichia coli RNA Polymerase Ïƒ 70 Subunit Based on AFM Data and In Vitro Assays. Cell Biochemistry and Biophysics, 2013, 66, 623-636.	1.8	2
68	The role of the 5â€²-cap structure in viral ribonucleoproteins assembly from potato virus X coat protein and RNAs. Biochimie, 2013, 95, 2415-2422.	2.6	12
69	Studying the structure of siloxane-urethane-ethylene oxide block copolymers. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 986-989.	0.6	2
70	Atomic force microscopy study of surface topography of films of cholesteric oligomer- and polymer-based mixtures with photovariable helix pitch. Physical Review E, 2013, 87, 012503.	2.1	19
71	Plant Coilin: Structural Characteristics and RNA-Binding Properties. PLoS ONE, 2013, 8, e53571.	2.5	32
72	Synthesis and Study of New Copolymers Capable of Forming Molecular Complexes with DNA. Macromolecular Symposia, 2012, 321-322, 84-89.	0.7	4

#	Article	IF	Citations
73	Atomic Force Microscopy Analysis of the Acinetobacter baumannii Bacteriophage AP22 Lytic Cycle. PLoS ONE, 2012, 7, e47348.	2.5	30
74	Kinetic characterization of inhibition of human thrombin with DNA aptamers by turbidimetric assay. Analytical Biochemistry, 2012, 421, 234-239.	2.4	9
75	AFM study of Escherichia coli RNA polymerase ïƒ70 subunit aggregation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 54-62.	3.3	3
76	AFM Specific Identification of Bacterial Cell Fragments on Biofunctional Surfaces. Open Microbiology Journal, 2012, 6, 22-28.	0.7	8
77	Investigation of Early Stages of Fibrin Association. Langmuir, 2011, 27, 4922-4927.	3.5	12
78	Exciton emission in tetrahedral carbon self-organized and ring-shaped quantum dots. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 24-29.	0.8	0
79	On the contrast of the terrace conductivity of graphite. Moscow University Physics Bulletin (English) Tj ETQq1 1 0.784314 rgBT /Over	0.4	2
80	New self-assembled monolayer coated cantilever for histidine-tag protein immobilization. Mendeleev Communications, 2010, 20, 329-331.	1.6	5
81	Atomic force microscopy studies of living bacterial cells in native soil and permafrost. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 169, 33-35.	3.5	3
82	The effect of underlying octadecylamine monolayer on the DNA conformation on the graphite surface. Colloids and Surfaces B: Biointerfaces, 2010, 76, 63-69.	5.0	26
83	The internal domain of hordeivirus movement protein TGB1 forms in vitro filamentous structures. Biochemistry (Moscow), 2010, 75, 752-758.	1.5	3
84	Anti-stokes exciton emission in tetrahedral nanocarbon. Doklady Physical Chemistry, 2010, 432, 87-91.	0.9	1
85	Deformations of charge-density wave crystals under electric field. Physica B: Condensed Matter, 2009, 404, 437-443.	2.7	18
86	Bactericidal action of single-walled carbon nanotubes. Moscow University Physics Bulletin (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	12
87	Properties and microstructure of composites derived from polycaproamide and multiwall carbon nanotubes. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 474-477.	0.6	4
88	Application of atomic-force microscopy technology to a structural analysis of the mitochondrial inner membrane. Nanotechnologies in Russia, 2009, 4, 876-880.	0.7	1
89	Methods for analysis of the AFM images of thin films of block copolymers. Protection of Metals and Physical Chemistry of Surfaces, 2009, 45, 105-108.	1.1	3
90	Surface properties of biospecific coatings based on polyelectrolyte complexes of maleic acid copolymers. Polymer Science - Series A, 2009, 51, 187-194.	1.0	1

#	Article	IF	Citations
91	Domain organization of the N-terminal portion of hordeivirus movement protein TGBp1. Journal of General Virology, 2009, 90, 3022-3032.	2.9	32
92	Statistical analysis of atomic force microscopy and Raman spectroscopy data for estimation of graphene layer numbers. Physica Status Solidi (B): Basic Research, 2008, 245, 2055-2059.	1.5	51
93	Atomic Force Microscopy Investigation of Phage Infection of Bacteria. Langmuir, 2008, 24, 13068-13074.	3.5	51
94	Atomic force microscopy of potato virus A. Colloid Journal, 2008, 70, 199-201.	1.3	2
95	Shape of steps on the (010) face of orthorhombic lysozyme crystals. Crystallography Reports, 2008, 53, 320-325.	0.6	0
96	Self-Assembly Effect during the Adsorption of Polynucleotides on Stearic Acid Langmuirâ˜'Blodgett Monolayer. Biomacromolecules, 2007, 8, 2258-2261.	5.4	11
97	Polyelectrolyte thromboresistant affinity coatings for modification of devices contacting blood. Journal of Biomedical Materials Research - Part A, 2007, 82A, 589-598.	4.0	14
98	Bis-(4-(2-pyridylmethyleneiminophenyl))disulfide â€" A chelating ligand capable of self assembly on gold surface and its complexes with M(BF4)2 and M(ClO4)2; MCo, Cu and Ni. Experimental and theoretical study. Thin Solid Films, 2007, 515, 4649-4661.	1.8	8
99	Atomic force microscopy as a tool of inspection of viral infection. Nanomedicine: Nanotechnology, Biology, and Medicine, 2007, 3, 128-131.	3.3	16
100	AFM Study of the Bulk Photorefractive Periodically Poled LiNbO3:Y:Fe Crystal. Ferroelectrics, 2006, 341, 131-136.	0.6	5
101	Concurrence of Intermolecular Forces in Monolayers. Japanese Journal of Applied Physics, 2006, 45, 2316-2318.	1.5	9
102	Atomic resolution probe microscopy of the graphite surface. Russian Chemical Reviews, 2006, 75, 23-30.	6.5	10
103	Potato virus X RNA-mediated assembly of single-tailed ternary â€˜coat proteinâ€"RNAâ€"movement proteinâ€™ complexes. Journal of General Virology, 2006, 87, 2731-2740.	2.9	74
104	Crystallization of F1F0-ATP synthase from Chloroflexus aurantiacus. Journal of Crystal Growth, 2005, 275, e1447-e1452.	1.5	1
105	Cooperative Growth of Thin Films of Tetrahedral Nanocarbon. Doklady Physical Chemistry, 2005, 403, 150-153.	0.9	1
106	Redox heterogeneity in polyaniline films: from molecular to macroscopic scale. Synthetic Metals, 2005, 152, 153-156.	3.9	34
107	Atomic Force Microscopy Study of Pili in the Cyanobacterium Synechocystis SP. PCC 6803. , 2005, , 405-414.		2
108	Atomic Force Microscopy of Protein Complexes. , 2004, 242, 217-230.		11

#	Article	IF	Citations
109	Microbial Surfaces Investigated Using Atomic Force Microscopy. Biotechnology Progress, 2004, 20, 1615-1622.	2.6	78
110	Structural organization of mRNA complexes with major core mRNP protein YB-1. Nucleic Acids Research, 2004, 32, 5621-5635.	14.5	131
111	Recombination Emission from Tetrahedral Nanocarbon Films. Doklady Physical Chemistry, 2003, 388, 25-28.	0.9	0
112	Multilevel redox heterogeneity in polyaniline films: from molecular to macroscopic scale. Materials Science and Engineering C, 2003, 23, 953-957.	7.3	5
113	AFM Study of Potato Virus X Disassembly Induced by Movement Protein. Journal of Molecular Biology, 2003, 332, 321-325.	4.2	58
114	High-Quality Ultrathin Polymer Films Obtained by Deposition from Supercritical Carbon Dioxide As Imaged by Atomic Force Microscopy. Langmuir, 2002, 18, 6928-6934.	3.5	36
115	Reorganization of Langmuir monolayers on solid surfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 198-200, 231-238.	4.7	6
116	Composite Langmuirâ€“Blodgett films of behenic acid and CdTe nanoparticles: the structure and reorganization on solid surfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 202, 233-241.	4.7	10
117	Atomic force microscopy study of lysozyme crystallization. Crystallography Reports, 2002, 47, S149-S158.	0.6	14
118	Steps wandering on the lysozyme and KDP crystals during growth in solution. Surface Science, 2001, 492, L717-L722.	1.9	8
119	Patterns in biopolymers and other biological systems as observed by scanning probe microscopy. Macromolecular Symposia, 2001, 167, 63-72.	0.7	0
120	Comparative studies of bacteria with an atomic force microscopy operating in different modes. Ultramicroscopy, 2001, 86, 121-128.	1.9	137
121	Interpretation of SPM images of Langmuirâ€“Blodgett films based on long-chain carboxylic acids. Thin Solid Films, 2000, 359, 98-103.	1.8	9
122	Interplay between Folding/Unfolding and Helix/Coil Transitions in Giant DNA. Biomacromolecules, 2000, 1, 597-603.	5.4	20
123	Magnetic force microscopy. Russian Chemical Reviews, 1999, 68, 165-170.	6.5	6
124	How Does Alcohol Dissolve the Complex of DNA with a Cationic Surfactant?. Journal of the American Chemical Society, 1999, 121, 1780-1785.	13.7	73
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