

# Aleksandr Borisenko

## List of Publications by Year in descending order

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13  
papers

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1684188

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docs citations

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49  
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#	ARTICLE	IF	CITATIONS
1	Motional states of laser cooled Yb ions in an optimized radiofrequency trap. Laser Physics, 2019, 29, 095201.	1.2	3
2	Optimization of Raman Cooling of $^{25}\text{Mg}^+$ Ion to Ground Vibrational State in Linear Paul Trap. Bulletin of the Lebedev Physics Institute, 2019, 46, 138-142.	0.6	0
3	Three-Dimensional Paul Trap with High Secular Frequency for Compact Optical Clock. Bulletin of the Lebedev Physics Institute, 2019, 46, 297-300.	0.6	2
4	Improved Wavelength Measurement of $2S_{1/2} \rightarrow 2P_{1/2}$ and $2D_{3/2} \rightarrow 3[3/2]_{1/2}$ Transitions in Yb+. Journal of Russian Laser Research, 2019, 40, 375-381.	0.6	8
5	Nonselective Paul ion trap loading with a light-emitting diode. Applied Physics Letters, 2019, 115, .	3.3	3
6	EIT Ground State Cooling Scheme of $^{171}\text{Yb}^+$ Based on the $2S_{1/2} \rightarrow 2P_{1/2}$ Cooling Transition. Journal of Russian Laser Research, 2018, 39, 568-574.	0.6	5
7	Compact Transportable Optical Standard Based on a Single $^{171}\text{Yb}^+$ Ion ( $\mu\text{BIS}^{\bullet}$ Project). Bulletin of the Lebedev Physics Institute, 2018, 45, 337-340.	0.6	14
8	Doppler laser cooling and vibrational spectrum of $^{24}\text{Mg}^+$ ions in a linear Paul trap. Quantum Electronics, 2018, 48, 448-452.	1.0	5
9	Progress in optical frequency standards: ultracold Thulium, ions, and passive resonators. Journal of Physics: Conference Series, 2017, 793, 012013.	0.4	0
10	Microwave frequency standard on $^{25}\text{Mg}^+$ ions: expected characteristics and prospects. Quantum Electronics, 2017, 47, 426-430.	1.0	3
11	Microwave frequency standard based on $^{25}\text{Mg}^+$ ions. Journal of Physics: Conference Series, 2017, 941, 012113.	0.4	1
12	Multiparticle losses in a linear quadrupole Paul trap. Quantum Electronics, 2016, 46, 935-940.	1.0	9
13	A Compact Second-Harmonic Generator for Tasks of Precision Spectroscopy Within the Range of 240–600 nm. Journal of Russian Laser Research, 2016, 37, 440-447.	0.6	5