

# Victor Belan

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Noninvasive real-time breath test for controlling hormonal background of the human body: detection of serotonin and melatonin with quantum point-contact sensors. Journal of Breath Research, 2022, 16, 016002.	3.0	4
2	New express method for melatonin determination in the human body. Low Temperature Physics, 2021, 47, 233-241.	0.6	1
3	Structural transformation of spin nanoclusters in low-dimensional anisotropic ferromagnets under applied magnetic field. Low Temperature Physics, 2021, 47, 1001-1010.	0.6	0
4	Selective detection of complex gas mixtures using point contacts: concept, method and tools. Beilstein Journal of Nanotechnology, 2020, 11, 1631-1643.	2.8	7
5	The effect of the magnetic field on the stability and excitation spectrum of spin nanoclusters in anisotropic ferromagnetic chains. Low Temperature Physics, 2018, 44, 1331-1340.	0.6	3
6	Computer modeling and analytical description of structural defects in two-dimensional crystals of bounded sizes: Free boundary, dislocations, and crowdions. Low Temperature Physics, 2018, 44, 688-695.	0.6	4
7	Properties of quasi-soliton states in nonlinear media under local high-frequency irradiation. Analytic description and comparison with numerical simulations. Low Temperature Physics, 2016, 42, 1130-1138.	0.6	1
8	The effect of dissipation on the structure of quasi-solitonic states of nonlinear magnetically ordered media under high-frequency point influence. Low Temperature Physics, 2013, 39, 140-146.	0.6	2
9	Interaction of two substitutional impurity atoms in an hcp crystal. Low Temperature Physics, 2010, 36, 360-362.	0.6	1