

# Igor R Krylov

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

15  
citations

3  
h-index

3  
g-index

20  
ext. papers

18  
ext. citations

0.7  
avg, IF

1.02  
L-index

#	Paper	IF	Citations
16	Optical Anisotropy of Poly(vinylidene fluoride) Oriented Porous Films. <i>Polymer Science - Series A</i> , <b>2021</b> , 63, 657-663	1.2	
15	Visualization of plasma fluxes by a measurement of own rotation of a dust particle. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1421, 012030	0.3	
14	Fine-Structure Parameters, Zeeman Splitting and Its Specific Features, and Gyromagnetic Ratios for Configurations $1sn_g$ ( $n = 5-10$ ) of a Helium Atom. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , <b>2018</b> , 125, 815-825	0.7	
13	Spin-Other-Orbit Interaction in Configurations with p and h Electrons in Outer Shells. Exchange Matrix Elements. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , <b>2018</b> , 125, 455-463	0.7	0
12	A semiempirical calculation of the fine and Zeeman structure of $4p4f$ and $4p5f$ configurations of Ge I. Gyromagnetic ratios. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , <b>2017</b> , 122, 511-522	0.7	1
11	Parameterization of the spectra of configurations $3p4f$ and $3p5f$ of a phosphorus ion P II. Gyromagnetic ratios. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , <b>2017</b> , 123, 509-520	0.7	0
10	Zeeman splitting, its specific features, and gyromagnetic ratios for configurations $1sn_f$ ( $n = 4-10$ ) of the helium atom. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , <b>2016</b> , 120, 184-191	0.7	2
9	Two- and four-photon satellites in the saturated absorption spectrum. <i>Russian Journal of Physical Chemistry B</i> , <b>2015</b> , 9, 543-545	1.2	
8	Relative amplitudes of external satellites of superfine-structure multiplets in the saturated absorption spectrum of SiF <sub>4</sub> . <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , <b>2015</b> , 119, 195-201	0.7	
7	Experimental study of angular and frequency spectra of laser pulse diffraction on a planar periodic nanostructure of gold V antennas. <i>Quantum Electronics</i> , <b>2015</b> , 45, 914-916	1.8	
6	Study of the Zeeman Structure and the Gyromagnetic Ratios of the $2s^2p$ , $4s^2p$ , and $3s^2p$ Configurations of the Carbon and Silicon Atoms. <i>American Journal of Modern Physics</i> , <b>2015</b> , 4, 296		3
5	External satellites of superfine-structure multiplets in the saturated absorption spectrum of the SiF <sub>4</sub> molecule. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , <b>2013</b> , 114, 677-681	0.7	1
4	Collisional broadening and shifting of saturated absorption resonances in silicon tetrafluoride. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , <b>2010</b> , 108, 523-527	0.7	
3	Multiphoton satellites in the saturated-absorption Spectrum of SiF <sub>4</sub> gas. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , <b>2009</b> , 106, 190-197	0.7	3
2	An interference method for studying a substance in the vicinity of its critical point. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , <b>2004</b> , 97, 136-140	0.7	
1	Satellites of the superfine structure multiplets in the spectrum of saturated absorption of the SiF <sub>4</sub> molecule. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , <b>2000</b> , 88, 510-521	0.7	4