

# Alexey Dzyublik

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

140  
citations

1307594

7  
h-index

1199594

12  
g-index

23  
all docs

23  
docs citations

23  
times ranked

53  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of forced vibrations on the scattering of X-rays and Mössbauer radiation by a crystal. II. Dynamical effects. Physica Status Solidi (B): Basic Research, 1986, 134, 503-513.	1.5	22
2	Effect of Forced Vibrations on the Scattering of X-Rays and Mössbauer Radiation by a Crystal (I). Physica Status Solidi (B): Basic Research, 1984, 123, 53-64.	1.5	18
3	Influence of electronic environment on $\pm$ decay. Physical Review C, 2014, 90, .	2.9	16
4	Solution of time-dependent Schrödinger equation in a nontraditional Hilbert space. Theoretical and Mathematical Physics(Russian Federation), 1991, 87, 393-401.	0.9	12
5	Excitation of Th229m in the electron bridge via continuum, as a scattering process. Physical Review C, 2020, 102, .	2.9	11
6	Effect of magnetic field reversals on the shape of Mössbauer spectra. Physica Status Solidi (B): Basic Research, 1996, 194, 699-715.	1.5	10
7	Photo-induced nuclear excitation by electron transition. JETP Letters, 2011, 93, 489-494.	1.4	8
8	Decay out of superdeformed bands. Physical Review C, 2003, 68, .	2.9	7
9	General theory of nuclear excitation by electron transitions. Physical Review C, 2013, 88, .	2.9	7
10	Role of screening in Coulomb excitation of nuclei by electrons in hot plasma. Europhysics Letters, 2013, 102, 62001.	2.0	6
11	RF-photon induced Mössbauer satellites in permalloy. JETP Letters, 1998, 67, 61-66.	1.4	4
12	Mössbauer Spectra of Vibrating Soft Ferromagnets in Reversing Magnetic Field. Physica Status Solidi (B): Basic Research, 1998, 209, 127-133.	1.5	4
13	Transient effects in Mössbauer absorption caused by magnetic field reversal. Journal of Physics Condensed Matter, 1999, 11, 3915-3932.	1.8	3
14	Decay of isomers stimulated by laser radiation. Laser Physics, 2007, 17, 760-764.	1.2	3
15	Triggering of nuclear isomers by X-ray laser. JETP Letters, 2010, 92, 130-134.	1.4	3
16	Tunneling between asymmetric potential wells and mixing of normal and superdeformed nuclear bands. Physics of Atomic Nuclei, 2003, 66, 665-672.	0.4	2
17	Mössbauer absorption by soft ferromagnets in radio-frequency magnetic field. Journal of Experimental and Theoretical Physics, 1997, 84, 794-799.	0.9	1
18	Transmission of Mössbauer rays through ferromagnets in radio-frequency magnetic field. Hyperfine Interactions, 2013, 222, 23-36.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Combined atomic $\alpha$ nuclear decay. <i>Physics of Atomic Nuclei</i> , 2016, 79, 351-357.	0.4	1
20	Symmetric Laue Diffraction of Spherical Neutron Waves in Absorbing Crystals. <i>Ukrainian Journal of Physics</i> , 2018, 63, 174.	0.2	1
21	Mössbauer scattering by superparamagnetic particles. <i>Physica Status Solidi (B): Basic Research</i> , 2005, 242, 1113-1122.	1.5	0
22	Mixing of prolate and oblate shapes by tunneling in $\hat{I}^3$ direction. <i>Physics of Atomic Nuclei</i> , 2009, 72, 950-959.	0.4	0
23	Peculiarities of Laue Diffraction of Neutrons in Strongly Absorbing Crystals. <i>Journal of Experimental and Theoretical Physics</i> , 2019, 128, 355-365.	0.9	0