

# Alexandr I Fedoseev

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

120  
citations

1684188

5  
h-index

1281871

11  
g-index

20  
all docs

20  
docs citations

20  
times ranked

139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase transformations of bovine serum albumin: Evidences from Rayleigh-Brillouin light scattering. Journal of Raman Spectroscopy, 2019, 50, 537-547.	2.5	8
2	Brillouin Light Scattering In Guanidine Hydrochloride Solution. , 2010, , .		0
3	Study of phase transformation dynamics in Na <sub>1/2</sub> Bi <sub>1/2</sub> TiO <sub>3</sub> by Mandelstam-Brillouin scattering. Physics of the Solid State, 2009, 51, 1399-1403.	0.6	6
4	Anomalous dispersion of the elastic constants at the phase transformation of the $PbMg_{1/3}Ta_{2/3}O_3$ . Physical Review B, 2008, 77, .	3.2	60
5	Anomalous behavior of the acoustic phonon velocity and elastic constants of relaxor ferroelectric PbMg <sub>1/3</sub> Ta <sub>2/3</sub> O <sub>3</sub> . Journal of Physics Condensed Matter, 2007, 19, 496206.	1.8	7
6	Acousto-ionic interaction in sound velocity behavior at a superionic phase transition in Me <sub>3</sub> H(AO <sub>4</sub> ) <sub>2</sub> -type crystals. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 442, 224-228.	5.6	2
7	Acoustic properties of the disordered relaxor ferroelectric PbSc <sub>1/2</sub> Ta <sub>1/2</sub> O <sub>3</sub> . Physics of the Solid State, 2006, 48, 1102-1105.	0.6	8
8	Specific Features of Brillouin Spectra at a High-Temperature Phase Transition in Cs <sub>5</sub> H <sub>3</sub> (SO <sub>4</sub> ) <sub>2</sub> ·4H <sub>2</sub> O Crystals. Solid State Phenomena, 2006, 115, 279-284.		
9	Elastic Properties of Disordered Lead Scandotantalate Crystal. Ferroelectrics, 2005, 320, 75-78.	0.6	2
10	Orientational Field-Induced Effects in Brillouin Spectra of Lead Magnesium Niobate Crystals. Japanese Journal of Applied Physics, 2005, 44, 7156-7159.	1.5	3
11	Anomalous behavior of the velocity of hypersonic acoustic phonons in (NH <sub>4</sub> ) <sub>3</sub> H(SO <sub>4</sub> ) <sub>2</sub> crystals. JETP Letters, 2003, 78, 84-87.	1.4	1
12	Dynamical Properties of the Partially Disordered Crystals of Cs <sub>5</sub> H <sub>3</sub> (SO <sub>4</sub> ) <sub>2</sub> ·4H <sub>2</sub> O. Ferroelectrics, 2003, 285, 119-132.	0.6	4
13	Acoustic anomalies in quasi-2D Cs <sub>5</sub> H <sub>3</sub> (SO <sub>4</sub> ) <sub>2</sub> ·xH <sub>2</sub> O crystal. Journal of Physics Condensed Matter, 2001, 13, 3677-3688.	1.8	3
14	Evidence for a Quasi-Two-Dimensional Proton Glass State in Cs <sub>5</sub> H <sub>3</sub> (SO <sub>4</sub> ) <sub>2</sub> ·xH <sub>2</sub> O Crystals. Physical Review Letters, 2001, 86, 2838-2841.	7.8	5
15	Isotopic effect in Brillouin light-scattering spectra of a Cs <sub>5</sub> H <sub>3</sub> (SO <sub>4</sub> ) <sub>2</sub> ·xH <sub>2</sub> O crystal. Physics of the Solid State, 2000, 42, 2265-2272.	0.6	0
16	Isotope effect in Cs <sub>5</sub> H <sub>3</sub> (SO <sub>4</sub> ) <sub>2</sub> ·0.5H <sub>2</sub> O crystals. Solid State Ionics, 1999, 125, 119-123.	2.7	4
17	Acoustic anomalies in the phase transition vicinity in the weak ferroelectric Li <sub>2</sub> Ge <sub>7</sub> O <sub>15</sub> . Journal of Physics Condensed Matter, 1995, 7, 4283-4298.	1.8	1
18	Dispersion of the acoustic anomalies near T <sub>c</sub> in ferroelectric Li <sub>2</sub> Ge <sub>7</sub> O <sub>15</sub> . Ferroelectrics, 1992, 125, 471-476.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Brillouin scattering study of the hypersonic damping anomalies at $T_{c1}$ in some ferroelectrics. <i>Ferroelectrics</i> , 1990, 107, 177-182.	0.6	3
20	Weak ferroelectrics: Specific behaviour of hypersonic velocity and damping. <i>Ferroelectrics</i> , 1989, 96, 187-192.	0.6	1