

Sergei Zherlitsyn

List of Publications by Year in descending order

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papers

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152
times ranked

1943
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#	ARTICLE	IF	CITATIONS
1	Unconventional Magnetostructural Transition in CoCr_2O_4 at High Magnetic Fields. <i>Physical Review Letters</i> , 2013, 110, 115502.		68
2	Status of the Pulsed-Magnet-Development Program at the Dresden High Magnetic Field Laboratory. <i>IEEE Transactions on Applied Superconductivity</i> , 2012, 22, 4300603-4300603.	1.7	66
3	Adhesion of PBO fiber in epoxy composites. <i>Journal of Materials Science</i> , 2007, 42, 8047-8052.	3.7	62
4	Phonon Magnetochiral Effect. <i>Physical Review Letters</i> , 2019, 122, 145901.	7.8	61
5	New experimental techniques for pulsed magnetic fields – ESR and ultrasonics. <i>Physica B: Condensed Matter</i> , 2001, 294-295, 612-617.	2.7	57
6	Terahertz-range free-electron laser electron spin resonance spectroscopy: Techniques and applications in high magnetic fields. <i>Review of Scientific Instruments</i> , 2009, 80, 073102.	1.3	55
7	Soft Acoustic Modes in the Two-Dimensional Spin System $\text{SrCu}_2(\text{BO}_3)_2$. <i>Physical Review Letters</i> , 2001, 86, 4847-4850.	7.8	47
8	Magnetoelectric effect and phase transitions in CuO in external magnetic fields. <i>Nature Communications</i> , 2016, 7, 10295.	12.8	47
9	Quantum Criticality of an Ising-like Spin- $1/2$ Antiferromagnetic Chain in a Transverse Magnetic Field. <i>Physical Review Letters</i> , 2018, 120, 207205.	7.8	43
10	State with spontaneously broken time-reversal symmetry above the superconducting phase transition. <i>Nature Physics</i> , 2021, 17, 1254-1259.	16.7	41
11	Design and Performance of Non-Destructive Pulsed Magnets at the Dresden High Magnetic Field Laboratory. <i>IEEE Transactions on Applied Superconductivity</i> , 2010, 20, 672-675.	1.7	39
12	Implementation of specific-heat and NMR experiments in the 1500 ms long-pulse magnet at the Hochfeld-Magnetlabor Dresden. <i>Measurement Science and Technology</i> , 2012, 23, 105001.	2.6	39
13	Sound-wave anomalies in $\text{SrCu}_2(\text{BO}_3)_2$. <i>Physical Review B</i> , 2000, 62, R6097-R6099.	3.2	38
14	Character of magnetic excitations in a quasi-one-dimensional antiferromagnet near the quantum critical points: Impact on magnetoacoustic properties. <i>Physical Review B</i> , 2008, 78, .	3.2	38
15	Magnet-Technology Development at the Dresden High Magnetic Field Laboratory. <i>Journal of Low Temperature Physics</i> , 2013, 170, 447-451.	1.4	38
16	Coil Design for Non-Destructive Pulsed-Field Magnets Targeting 100 T. <i>IEEE Transactions on Applied Superconductivity</i> , 2006, 16, 1660-1663.	1.7	36
17	Dresden pulsed magnetic field facility. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 2728-2730.	2.3	35
18	Elastic constants and charge ordering in NaV_2O_5 . <i>Physical Review B</i> , 1999, 60, 9194-9197.	3.2	33

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19	Nanostructured thin manganite films in megagauss magnetic field. Applied Physics Letters, 2012, 101, 092407.	3.3	31
20	Spin-lattice effects in selected antiferromagnetic materials (Review Article). Low Temperature Physics, 2014, 40, 123-133.	0.6	30
21	Short-range correlations in quantum frustrated spin system. Physical Review B, 2009, 80, .	3.2	29
22	Title is missing!. Journal of Low Temperature Physics, 2003, 133, 41-59.	1.4	27
23	Interplay of spin and lattice degrees of freedom in the frustrated antiferromagnet CdCr ₂ O ₄ : High-field and temperature-induced anomalies of the elastic constants. Physical Review B, 2011, 83, .	3.2	27
24	Sub-lattice of Jahn-Teller centers in hexaferrite crystal. Scientific Reports, 2020, 10, 7076.	3.3	24
25	Ultrasonic study of the mixed-valence system YbIn _{1-\tilde{x}} Ag _{\tilde{x}} Cu ₄ . Physical Review B, 1999, 60, 3148-3153.	3.2	23
26	Acoustic and magnetic anomalies near the saturation field of the S=1/2 antiferromagnetic Heisenberg chain studied on a Cu(II) coordination polymer. Physical Review B, 2004, 69, .	3.2	23
27	Spin-lattice coupling in the frustrated antiferromagnet ZnCr ₂ Se ₄ . Physical Review B, 2012, 86, .	3.2	23
28	Ultrasonic investigations of the spin-lattice coupling in the frustrated antiferromagnet Dy ₂ Ti ₂ O ₇ . Physical Review B, 2012, 86, .	3.2	23
29	Design of Non-destructive Pulsed Magnets at the HLD. Journal of Low Temperature Physics, 2007, 146, 719-732.	1.4	22
30	Magnetostructural Transitions in a Frustrated Magnet at High Fields. Physical Review Letters, 2011, 106, 247202.	7.8	22
31	Ultra-robust high-field magnetization plateau and supersolidity in bond-frustrated MnCr ₂ S ₄ . Science Advances, 2017, 3, e1601982.	10.3	22
32	Crystal-field effects in the kagome antiferromagnet Ho ₃ Cl ₂ . Physical Review B, 2018, 97, .	3.2	20
33	Acoustic Faraday effect in Tb ₃ Physical Review B, 2010, 81, .	3.2	20
34	$\tilde{\Gamma}$ -3-Type Lattice Instability and the Hidden Order of URu ₂ Si ₂ . Journal of the Physical Society of Japan, 2013, 82, 013601.	1.6	20
35	Evidence for the Single-Site Quadrupolar Kondo Effect in the Dilute Non-Kramers System Y _{1-\tilde{x}} Pr _{\tilde{x}} Zr ₂ N ₂ O. Physical Review Letters, 2019, 123, 067201.	7.8	20
36	Soundwave propagation in pulsed magnetic fields in CsCuCl ₃ . Europhysics Letters, 1999, 48, 182-186.	2.0	19

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37	Acoustic and magnetoelastic anomalies of an Er Co_2 Co	3.2	19
38	CMR-B-Scalar Sensor Application for High Magnetic Field Measurement in Nondestructive Pulsed Magnets. IEEE Transactions on Magnetics, 2013, 49, 5480-5484.	2.1	19
39	Acoustic signatures of the phases and phase transitions in Yb O_7 O	3.2	19
40	Intrinsic and extrinsic nonstationary field-driven processes in the spin-ice compound Dy 2Ti2O7 . Physical Review B, 2011, 84, .	3.2	18
41	Hybridization-driven orthorhombic lattice instability in URu 2Si Si	3.2	18
42	Novel phase transition and metastable regions in the frustrated magnet CdCr 2O4 O	3.2	17
43	Magnetocaloric effect and spin-strain coupling in the spin-nematic state of LiCuVO 4 LiCuVO4	3.2	17
44	Frustrated magnets in high magnetic fields—selected examples. Reports on Progress in Physics, 2016, 79, 074504.	20.1	16
45	Spin-lattice coupling in a ferrimagnetic spinel: Exotic phase diagram of MnCr 2S4 up to 110 T. Physical Review B, 2020, 101, .	3.2	16
46	Phonon effects and ESR in NH 4CuCl3 . Europhysics Letters, 2001, 53, 591-597.	2.0	15
47	Magnetic phase diagram of multiferroic MnWO 4 probed by ultrasound. Journal of Physics Condensed Matter, 2011, 23, 216001.	1.8	15
48	Novel Phase Transition Probed by Sound Velocity in Quasi-One-Dimensional Ising-Like Antiferromagnet BaCo 2V2O8 . Journal of the Physical Society of Japan, 2011, 80, 033701.	1.6	15
49	Uranium spin-lattice coupling and the origin of magnetic anisotropy in uranium compounds. Physical Review B, 2019, 80, .	3.2	15
50	Magnetoacoustics in low dimensional spin systems in pulsed magnetic fields. Journal of Applied Physics, 2000, 87, 7055-7057.	2.5	14
51	Numerical adiabatic potentials of orthorhombic Jahn-Teller effects retrieved from ultrasound attenuation experiments. Application to the SrF 2:Cr crystal. Journal of Applied Physics, 2016, 119, 225108.	2.5	14
52	Magnetic phase diagram of the helimagnetic spinel compound ZnCr 2Se4 revisited by small-angle neutron scattering. Journal of Physics Condensed Matter, 2016, 28, 146001.	1.8	14
53	Magnetic anisotropy and magnetic phase transitions in RFe 5Al7 . Journal of Magnetism and Magnetic Materials, 2015, 383, 208-214.	2.3	13
54	Field-Induced Magnonic Liquid in the 3D Spin-Dimerized Antiferromagnet Sr 3Cr2O8 . Physical Review Letters, 2016, 116, 147201.	7.8	13

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55	Multiferroic spin-superfluid and spin-supersolid phases in MnCr_2S_4 . Physical Review B, 2019, 100, .	3.2	13
56	Acoustical properties of $(\text{TMTSF})_2\text{PF}_6$ in the spin-density-wave ground state. Physical Review B, 1999, 59, 13861-13871.	3.2	12
57	Structural instability and superconductivity in. European Physical Journal B, 2000, 16, 59-66.	1.5	12
58	Microminiature Hall Probes for Applications at Pulsed Magnetic Fields up to 87 Tesla. Journal of Low Temperature Physics, 2010, 159, 315-318.	1.4	12
59	Magnetic field induced tunneling and relaxation between orthogonal configurations in solids and molecular systems. Physical Review B, 2017, 96, .	3.2	12
60	Search for multipolar instability in URu_2Si_2 studied by ultrasonic measurements under pulsed magnetic field. Physical Review B, 2018, 97, .	3.2	12
61	Pulsed field ultrasonic and ESR experiments in low-dimensional spin systems. Physica B: Condensed Matter, 2001, 294-295, 20-25.	2.7	11
62	High-field ultrasonics in the heavy fermion antiferromagnet URu_2Si_2 . Journal of Magnetism and Magnetic Materials, 2001, 226-230, 107-109.	2.3	11
63	Magnetic and magnetoelastic properties of UCo_2Si_2 as studied by high-field magnetization and ultrasound measurements. Physical Review B, 2013, 87, .	3.2	11
64	Magnetoresistance and Resistance Relaxation of Nanostructured La-Ca-MnO Films in Pulsed Magnetic Fields. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	11
65	Magneto-Elastic Effects in $\text{Tb}_3\text{Ga}_5\text{O}_{12}$. Journal of the Physical Society of Japan, 2014, 83, 044603.	1.6	11
66	Phase transitions of anisotropic and exchange origins in $\text{TmFe}_5\text{O}_{10}$. Physical Review B, 2014, 89, .	3.2	10
67	Enhanced spin correlations in the Bose-Einstein condensate compound Sr_3O_8 . Physical Review B, 2020, 102, .	3.2	10
68	Low-Dimensional Quantum Spin Systems in Pulsed Magnetic Fields up to 50 T. Physica Status Solidi A, 2002, 189, 389-396.	1.7	9
69	Finite-Element Simulation and Performance of Pulsed Magnets. IEEE Transactions on Applied Superconductivity, 2008, 18, 608-611.	1.7	9
70	Science at the Dresden High Magnetic Field Laboratory. AIP Conference Proceedings, 2008, , .	0.4	9
71	Dissipation in Non-Kramers Doublet of PrMg_3 . Journal of the Physical Society of Japan, 2012, 81, 023710.	1.6	9
72	Ultrasonic Determination of the Jahn-Teller Effect Parameters in Impurity-Containing Crystals. Journal of Experimental and Theoretical Physics, 2019, 129, 72-80.	0.9	9

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73	Magnetic phase diagram and crystal-field effects in the kagome-lattice antiferromagnet $U_3Ru_4Mn_9$. Physical Review B, 2019, 99, .	3.2	9
74	Spontaneous and field-induced phase transitions in TbFe ₅ Al ₇ . Journal of Magnetism and Magnetic Materials, 2014, 365, 56-63.	2.3	8
75	Element-specific field-induced spin reorientation and tetracritical point in S_4MnCr_2 . Physical Review B, 2021, 103, .	3.2	8
76	Low-temperature Magnetic Properties of Terbium Orthoferrite Single Crystals. Crystal Research and Technology, 1996, 31, 897-902.	1.3	7
77	Pulsed-magnet design at the Dresden High Magnetic Field Laboratory. Journal of Physics: Conference Series, 2006, 51, 583-586.	0.4	7
78	Magneto-Acoustic Faraday Effect in Tb ₃ Ga ₅ O ₁₂ . Journal of Low Temperature Physics, 2010, 159, 126-129.	1.4	7
79	Onset of magnetic order in U ₂ (Ni ^{1-x} Fe ^x) ₂ Sn-H. Journal of the Korean Physical Society, 2013, 62, 1542-1546.	0.7	7
80	High-field magnetization and magnetoelasticity of single crystalline HoFe ₅ Al ₇ . Journal of Physics Condensed Matter, 2014, 26, 136001.	1.8	7
81	Magnetization and magnetoacoustics of single-crystalline ErFe ₅ Al ₇ in high magnetic fields. Journal of Magnetism and Magnetic Materials, 2014, 357, 61-68.	2.3	7
82	High-field magnetoelasticity of Tm ₂ Co ₁₇ and comparison with Er ₂ Co ₁₇ . Low Temperature Physics, 2017, 43, 1254-1259.	0.6	7
83	Strong anisotropy of the electron-phonon interaction in NbP probed by magnetoacoustic quantum oscillations. Physical Review B, 2020, 102, .	3.2	7
84	Ultrasound measurement technique for the single-turn-coil magnets. Review of Scientific Instruments, 2021, 92, 063902.	1.3	7
85	Lattice Instabilities in the Frustrated Magnet CdCr ₂ O ₄ : An Ultrasonic Study. Journal of Low Temperature Physics, 2010, 159, 134-137.	1.4	6
86	Magneto-acoustic study of single crystalline UCu ₀ . Physical Review B, 2011, 83, .	3.2	6
87	Acoustic Properties of Crystals with Jahn-Teller Impurities: Elastic Moduli and Relaxation Time. Application to SrF ₂ :Cr ²⁺ . Journal of the Physical Society of Japan, 2017, 86, 114604.	1.6	6
88	Unusual field-induced spin reorientation in S_4FeCr_2 : Field tuning of the Jahn-Teller state. Physical Review B, 2021, 104, .	3.2	6
89	High field phase diagram of Nd _{2-x} Ce _x CuO ₄ single crystals. Physica B: Condensed Matter, 1995, 211, 168-171.	2.7	5
90	Magnetoelastic and magnetothermal properties of low-dimensional quantum spin systems in high magnetic fields—a case study. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 411-415.	2.3	5

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91	Status quo of the Dresden High Magnetic Field Laboratory. Journal of Physics: Conference Series, 2006, 51, 619-622.	0.4	5
92	Optimization of Large Multiple Coil Systems for Pulsed Magnets. Journal of Low Temperature Physics, 2010, 159, 336-340.	1.4	5
93	Magnetoacoustic Investigation of the Jahn-Teller Effect in Chromium Doped ZnSe Crystal. Solid State Phenomena, 0, 190, 707-710.	0.3	5
94	High-field magnetism and magnetoacoustics in uranium intermetallic antiferromagnets. Journal of Magnetism and Magnetic Materials, 2012, 324, 3413-3417.	2.3	5
95	High field magnetism and magnetoacoustics in UCu _{0.95} Ge. Journal of Alloys and Compounds, 2012, 528, 51-57.	5.5	5
96	Magnetoelastic coupling across the field-induced transition of uranium mononitride. Physical Review B, 2019, 100, .	3.2	5
97	Changes in elastic moduli as evidence for quadrupolar ordering in the rare-earth frustrated magnet O_7Tb . Physical Review B, 2020, 102, .	3.2	5
98	Magnetic field dependence of low-energy magnons, anisotropic heat conduction, and spontaneous relaxation of magnetic domains in the cubic helimagnet ZnCr_2As_2 . Physical Review B, 2020, 102, .	3.2	5
99	Crystal-field effects in $\text{Er}_2\text{Si}_2\text{O}_7$ with a distorted kagome lattice. Physical Review B, 2020, 101, .	3.2	5
100	High-field phase transitions in the orbitally ordered multiferroic $\text{Ge}_4\text{V}_4\text{S}_8$. Physical Review B, 2020, 102, .	3.2	5
101	Magnetoelastic Study of Frustrated Quasi-one-dimensional Spin-magnet LiCuVO_4 . Physical Review B, 2021, 103, .	3.2	5
102	Elastic properties of $\text{CsDy}_2\text{Gd}(\text{MoO}_4)_2$ in the region of structural phase transitions. Ferroelectrics, 1990, 110, 35-39.	0.6	4
103	Electron renormalization of sound interaction with two-level systems in superconducting metallic glasses. Physical Review B, 2000, 62, 6656-6664.	3.2	4
104	Ultrasonic investigation of $\text{NiCl}_2\text{-4SC(NH}_2)_2$ in the vicinity of the quantum critical points. Journal of Physics: Conference Series, 2009, 145, 012069.	0.4	4
105	Ultrasonic investigation of $\text{NiCl}_2\text{-4SC(NH}_2)_2$. Journal of Physics: Conference Series, 2009, 150, 042016.	0.4	4
106	Magneto-Acoustic Properties of UCuGe Single Crystal. Journal of Low Temperature Physics, 2010, 159, 105-108.	1.4	4
107	Ultrasound study of FeCr_2S_4 in high magnetic fields. Journal of Physics Condensed Matter, 2014, 26, 486001.	1.8	4
108	High Magnetic Field Study of Elastic Constants of the Cage-structure Compound SmBe_{13} . Journal of Physics: Conference Series, 2016, 683, 012032.	0.4	4

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109	Field-induced gapless electron pocket in the superconducting vortex phase of $\text{YNi}_2\text{B}_2\text{C}$ as probed by magnetoacoustic quantum oscillations. <i>Physical Review B</i> , 2017, 95, .	3.2	4
110	Viscosity measurements in pulsed magnetic fields by using a quartz-crystal microbalance. <i>Review of Scientific Instruments</i> , 2019, 90, 065101.	1.3	4
111	Improved accuracy in high-frequency AC transport measurements in pulsed high magnetic fields. <i>Review of Scientific Instruments</i> , 2020, 91, 125107.	1.3	4
112	Anomalous Lattice Softening Near a Quantum Critical Point in a Transverse Ising Magnet. <i>Physical Review Letters</i> , 2020, 124, 127205.	7.8	4
113	Field-induced valence fluctuations in YbB_{12} . <i>Physical Review B</i> , 2021, 103, .		
114	Distinct field-induced ferroquadrupolar states for two different magnetic-field directions in DyNiAl . <i>Physical Review B</i> , 2021, 103, .	3.2	4
115	Sound wave anomalies in superconducting compounds. <i>European Physical Journal B</i> , 2005, 46, 169-176.	1.5	3
116	Magnetic and acoustic properties of CoCr_2S_4 . <i>Low Temperature Physics</i> , 2017, 43, 1290-1293.	0.6	3
117	Extremely slow nonequilibrium monopole dynamics in classical spin ice. <i>Physical Review B</i> , 2020, 101, .	3.2	3
118	Quadrupolar susceptibility and magnetic phase diagram of $\text{PrNi}_2\text{Cd}_{20}$ with non-Kramers doublet ground state. <i>Philosophical Magazine</i> , 2020, 100, 1268-1281.	1.6	3
119	Elastic Moduli in Cadmium Selenide Doped with Chromium. <i>Journal of Applied Mathematics and Physics</i> , 2017, 05, 26-30.	0.4	3
120	Phonon effects and ESR in NH_4CuCl_3 . <i>Europhysics Letters</i> , 2001, 54, 554-554.	2.0	2
121	Comment on "Low-Temperature Structure of the Quarter-Filled Ladder Compound $\hat{\text{I}}^{\pm}\text{-NaV}_2\text{O}_5$ ". <i>Journal of the Physical Society of Japan</i> , 2003, 72, 195-195.	1.6	2
122	Recent Developments at the Dresden High Magnetic Field Laboratory. , 2006, , .		2
123	49 MJ pulsed power facility to produce high magnetic fields. , 2007, , .		2
124	Magnetoacoustics of the Low-Dimensional Quantum Antiferromagnet Cs_2CuCl_4 with Spin Frustration. <i>Journal of Low Temperature Physics</i> , 2010, 159, 109-113.	1.4	2
125	Relaxation Attenuation of Ultrasound by the Jahn-Teller Centers in ZnSe:Cr in High Magnetic Fields. <i>Solid State Phenomena</i> , 2015, 233-234, 125-128.	0.3	2
126	Magnetic Field Induced Relaxation Attenuation of Ultrasound by Jahn-Teller Centers: Application to ZnSe:Cr^{2+} . <i>Applied Magnetic Resonance</i> , 2016, 47, 685-692.	1.2	2

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127	Ultrasound propagation in bond frustrated HgCr ₂ S ₄ spinel in magnetic fields. Low Temperature Physics, 2017, 43, 559-563.	0.6	2
128	Methods of dilatometric investigations under extreme conditions and the case of spin-ice compounds. Journal of Physics: Conference Series, 2017, 903, 012004.	0.4	2
129	Interplay Between Relaxation and Resonance in Ultrasound Attenuation by the Cubic Crystal ZnSe:Cr. Physica Status Solidi (B): Basic Research, 2019, 256, 1800635.	1.5	2
130	Acoustic signatures of the phase transitions in the antiferromagnet $U_{2-x}Rh_xMn_2$. Physical Review B, 2020, 101, .	3.2	2
131	High-field magnetoacoustics of a Dy ₂ Fe ₁₄ Si ₃ single crystal. Journal of Alloys and Compounds, 2020, 835, 155335.	5.5	2
132	Physical properties of liquid oxygen under ultrahigh magnetic fields. Physical Review B, 2021, 104, .	3.2	2
133	Magnetic and volume properties in CeRu ₂ Si ₂ with low Ge doping. European Physical Journal D, 1996, 46, 2073-2074.	0.4	1
134	Ultrasonic Studies of the SDW transition in (TMTSF) ₂ PF ₆ . Synthetic Metals, 1999, 103, 2064-2065.	3.9	1
135	Ultrasonic experiments in SrCu ₂ (BO ₃) ₂ and NH ₄ CuCl ₃ in magnetic fields up to 50T. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1973-1975.	2.3	1
136	Low-dimensional quantum spin systems in pulsed magnetic fields. Physica B: Condensed Matter, 2004, 346-347, 19-26.	2.7	1
137	The New High Magnetic Field Laboratory at Dresden: a Pulsed-Field Laboratory at an IR Free-Electron-Laser. AIP Conference Proceedings, 2006, .	0.4	1
138	Adhesion Issues in PBO/Epoxy Composites. Key Engineering Materials, 2007, 334-335, 233-236.	0.4	1
139	Exotic Ground State and Elastic Softening under Pulsed Magnetic Fields in PrTr ₂ Zn ₂₀ (Tr = Rh, Ir). Journal of the Physical Society of Japan, 2016, 85, 043601.	1.6	1
140	Crystalline Electric Field and Kondo Effect in SmOs ₄ Sb ₁₂ . Journal of the Physical Society of Japan, 2016, 85, 043704.	1.6	1
141	Jahn-Teller effect problems via ultrasonic experiments. Application to the impurity crystal CdSe:Cr. Journal of Physics: Conference Series, 2018, 1148, 012008.	0.4	1
142	Magnetoacoustic Relaxation by Cr ²⁺ Jahn-Teller Centers Revealed from Elastic Moduli. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800586.	1.8	1
143	Origin of the 30ÅT transition in CeRhIn ₅ in tilted magnetic fields. Physical Review B, 2021, 103, .	3.2	1
144	Sound attenuation in the superconducting amorphous alloy ZrTiCuNiBe. Low Temperature Physics, 1999, 25, 999-1002.	0.6	0

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145	Ultrasonic investigation of structural instability in superconducting $Ba(1-x)K(x)BiO_3$ single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 731-732.	1.2	0
146	THERMODYNAMIC STUDIES OF THE FIELD-INDUCED GAP IN THE QUASI-ONE-DIMENSIONAL $S = 1/2$ ANTIFERROMAGNET Yb_4As_3 . <i>International Journal of Modern Physics B</i> , 2002, 16, 3018-3023.	2.0	0
147	PULSE-FIELD EXPERIMENTS ON THE SPIN-LATTICE INTERACTION IN LOW-DIMENSIONAL SPIN SYSTEMS. <i>International Journal of Modern Physics B</i> , 2002, 16, 3369-3372.	2.0	0
148	Low-Temperature Elastic Properties of Non-Kramers Doublet Compound $PrMg_3$. <i>Journal of Physics: Conference Series</i> , 2011, 273, 012133.	0.4	0
149	Neutron diffraction of field-induced magnon condensation in the spin-dimerized antiferromagnet $Sr_3Cr_2O_8$. <i>Physical Review B</i> , 2021, 104, .	3.2	0