

Alexander I Kolesnikov

List of Publications by Year in descending order

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329
papers

9,520
citations

76196

40
h-index

66788

78
g-index

336
all docs

336
docs citations

336
times ranked

9773
citing authors

#	ARTICLE	IF	CITATIONS
1	Massless Dirac magnons in the two dimensional van der Waals honeycomb magnet CrCl ₃ . 2D Materials, 2022, 9, 015006.	2.0	16
2	Isotopic dependence of the frequency of optical vibrations in molybdenum monohydride. Journal of Alloys and Compounds, 2022, 893, 162299.	2.8	2
3	Experimental mapping of short-wavelength phonons in proteins. Innovation(China), 2022, 3, 100199.	5.2	1
4	Lattice dynamics of high-pressure hydrides studied by inelastic neutron scattering. Journal of Alloys and Compounds, 2022, 905, 164208.	2.8	9
5	Dynamic parallel spin stripes from the 1/8 anomaly to the end of superconductivity in $\text{LaO}_{1-x}\text{F}_x\text{Bi}_{2-x}\text{Te}_3$. Physical Review Research, 2022, 4, .	2.1	2
6	Single-ion properties of the transverse-field Ising model material CoNb_2O_6 . Physical Review B, 2022, 105, .	1.1	8
7	Anisotropic magnon damping by zero-temperature quantum fluctuations in ferromagnetic CrGeTe ₃ . Nature Communications, 2022, 13, .	5.8	10
8	Spin Waves and Magnetic Exchange Hamiltonian in CrSBr. Advanced Science, 2022, 9, .	5.6	20
9	Methodology for Generating Covariance Data of Thermal Neutron Scattering Cross Sections. Nuclear Science and Engineering, 2021, 195, 13-32.	0.5	4
10	Hybridized quadrupolar excitations in the spin-anisotropic frustrated magnet FeI ₂ . Nature Physics, 2021, 17, 467-472.	6.5	30
11	Direct determination of the zero-field splitting for the Fe^{2+} ion in a synthetic polymorph of Fe^{2+}		

#	ARTICLE	IF	CITATIONS
19	Low rotational barriers for the most dynamically active methyl groups in the proposed antiviral drugs for treatment of SARS-CoV-2, apilimod and tetrandrine. Chemical Physics Letters, 2021, 777, 138727.	1.2	9
20	Magnetic Field Effect on Topological Spin Excitations in CrI_3 . Physical Review X, 2021, 11, .	2.8	37
21	Unusual Exchange Couplings and Intermediate Temperature Weyl State in Co_2P . Physical Review Letters, 2021, 127, 117201.	2.0	26
22	Magnetic exchange interactions in the van der Waals layered antiferromagnet $\text{Mn}_2\text{P}_3\text{Se}_3$. Physical Review B, 2021, 103, .	1.1	26
23	Origin of Two Distinct Peaks of Ice in the THz Region and Its Application for Natural Gas Hydrate Dissociation. Journal of Physical Chemistry C, 2020, 124, 1165-1170.	1.5	12
24	Vibrational modes and quantum zero-point energy of hydrogen in $\text{ZrH}_{0.0155}$ and ZrH_2 . Journal of Alloys and Compounds, 2020, 818, 152832.	2.8	5
25	Unconventional Hund metal in a weak itinerant ferromagnet. Nature Communications, 2020, 11, 3076.	5.8	12
26	Neutron scattering study of tantalum dihydride. Physical Review B, 2020, 102, .	1.1	8
27	Analysis of the time-of-flight neutron scattering cross-section data for light water measured at the SEQUOIA spectrometer, Spallation Neutron Source (SNS). EPJ Web of Conferences, 2020, 239, 14007.	0.1	2
28	High-Pressure Hydrofullerites. Journal of Surface Investigation, 2020, 14, 995-1002.	0.1	1
29	Hydrogen Dynamics in Supercritical Water Probed by Neutron Scattering and Computer Simulations. Journal of Physical Chemistry Letters, 2020, 11, 9461-9467.	2.1	11
30	Effect of Hydration on the Molecular Dynamics of Hydroxychloroquine Sulfate. ACS Omega, 2020, 5, 21231-21240.	1.6	8
31	One-Dimensional Glassy Behavior of Ultraconfined Water Strings. Journal of Physical Chemistry Letters, 2020, 11, 7798-7804.	2.1	2
32	Probing Molecular Interactions at MXene/Organic Heterointerfaces. Chemistry of Materials, 2020, 32, 7884-7894.	3.2	26
33	Hydration-Induced Disorder Lowers the Energy Barriers for Methyl Rotation in Drug Molecules. Journal of Physical Chemistry Letters, 2020, 11, 10256-10261.	2.1	7
34	Simulation of Inelastic Neutron Scattering Spectra Directly from Molecular Dynamics Trajectories. Journal of Chemical Theory and Computation, 2020, 16, 7702-7708.	2.3	14
35	Vibrational Behavior of Water Adsorbed on Forsterite (Mg_2SiO_4) Surfaces. ACS Earth and Space Chemistry, 2020, 4, 1050-1063.	1.2	11
36	Topological magnon bands in a room-temperature Kagome magnet. Physical Review B, 2020, 101, .	1.1	32

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37	Spin waves above and below the Verwey transition in TbBaFe ₂ O ₅ . Physical Review B, 2020, 101, .	1.1	1
38	Magnetically driven phonon instability enables the metal-insulator transition in h-FeS. Nature Physics, 2020, 16, 669-675.	6.5	26
39	Magnetic anisotropy in ferromagnetic CrI_3 . Physical Review B, 2020, 101, .	1.1	1
40	Structure and properties of densified silica glass: characterizing the order within disorder. NPG Asia Materials, 2020, 12, .	3.8	57
41	High-resolution neutron time-of-flight measurements for light water at the Spallation Neutron Source (SNS), Oak Ridge National Laboratory. EPJ Web of Conferences, 2020, 239, 14005.	0.1	2
42	Realization of the orbital-selective Mott state at the molecular level in Ba_3VO_9 . Physical Review Materials, 2020, 4, .	0.9	9
43	Toward a better thermal scattering law of $(\text{C}_5\text{O}_2\text{H}_8)_n$: Inelastic neutron scattering and Climax^+ . Annals of Nuclear Energy, 2019, 133, 425-430.	0.9	7
44	A Three-Component Mathematical Model of a Single-Axis Accelerometer for Measuring Pitch and Roll Angles. Measurement Techniques, 2019, 62, 118-125.	0.2	3
45	Confined Interlayer Water Promotes Structural Stability for High-Rate Electrochemical Proton Intercalation in Tungsten Oxide Hydrates. ACS Energy Letters, 2019, 4, 2805-2812.	8.8	88
46	Magnetic ground state and magnetic excitations in black diopside Cu_6O_{18} . Physical Review B, 2019, 100, .	1.1	4
47	Large Positive Zero-Field Splitting in the Cluster Magnet $\text{Ba}_3\text{CeRu}_2\text{O}_9$. Journal of the American Chemical Society, 2019, 141, 9928-9936.	6.6	12
48	Effect of fine-tuning pore structures on the dynamics of confined water. Journal of Chemical Physics, 2019, 150, 204706.	1.2	10
49	Heat capacity and thermodynamic functions of crystalline forms of the metal-organic framework zinc 2-methylimidazolate, $\text{Zn}(\text{Melm})_2$. Journal of Chemical Thermodynamics, 2019, 136, 160-169.	1.0	11
50	Quantum Spin Ice Dynamics in the Dipole-Octupole Pyrochlore Magnet Zr_2O_7 . Physical Review Letters, 2019, 122, 187201.	2.9	17
51	Optical Properties of Single-Crystal Germanium in the THz Range. Optics and Spectroscopy (English) Tj ETQq1 1 0.784314 rgBT /Overbo	0.2	10
52	Magnetic excitations in the quasi-two-dimensional ferromagnet Fe_3O_4 measured with inelastic neutron scattering. Physical Review B, 2019, 99, .	1.1	3
53	Magnetic Excitations of the Classical Spin Liquid MgCr_2O_4 . Physical Review Letters, 2019, 122, 097201.	2.9	17
54	New Insights about CuO Nanoparticles from Inelastic Neutron Scattering. Nanomaterials, 2019, 9, 312.	1.9	3

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55	Simulation of Inelastic Neutron Scattering Spectra Using OCLIMAX. Journal of Chemical Theory and Computation, 2019, 15, 1974-1982.	2.3	95
56	Insights into the evolution from ferromagnetism to antiferromagnetism: A doping-dependent study of $\text{NaCrSi}_x\text{O}_6$		

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73	Effects of Confinement and Pressure on the Vibrational Behavior of Nano-Confined Propane. Journal of Physical Chemistry A, 2018, 122, 6736-6745.	1.1	20
74	Inelastic and deep inelastic neutron spectroscopy of water molecules under ultra-confinement. Journal of Physics: Conference Series, 2018, 1055, 012002.	0.3	7
75	Fast Rotational Diffusion of Water Molecules in a 2D Hydrogen Bond Network at Cryogenic Temperatures. Physical Review Letters, 2018, 120, 196001.	2.9	10
76	Decoupled spin dynamics in the rare-earth orthoferrite YbFeO_3 : Evolution of magnetic excitations through the spin-reorientation transition. Physical Review B, 2018, 98, .	1.1	31
77	Magnetic interactions in PdCrO_2 and their effects on its magnetic structure. Physical Review B, 2018, 98, .	1.1	17
78	Ice Ih revisited: No proton tunneling observed in a quasielastic neutron scattering experiment. Physical Review B, 2018, 98, .	1.1	7
79	Magnetic ground state of the Ising-like antiferromagnet DyScO_3 . Physical Review B, 2017, 96, .	1.1	17
80	Spin pseudogap in the $\text{Sr}_2\text{MgOsO}_6$ chain material with impurities. Physical Review B, 2017, 95, .	1.1	9
81	Hydrogen mobility in the lightest reversible metal hydride, LiBeH_3 . Scientific Reports, 2017, 7, 16244.	1.6	8
82	iCaRL: Incremental Classifier and Representation Learning. , 2017, , .		1,376
83	LiDAR-Assisted Multi-Source Program (LAMP) for Measuring Above Ground Biomass and Forest Carbon. Remote Sensing, 2017, 9, 154.	1.8	13
84	Evidence of molecular hydrogen trapped in two-dimensional layered titanium carbide-based MXene. Physical Review Materials, 2017, 1, .	0.9	21
85	Influence of metal ions intercalation on the vibrational dynamics of water confined between MXene layers. Physical Review Materials, 2017, 1, .	0.9	45
86	Decentralized Control of a Group of Homogeneous Vehicles in Obstructed Environment. Journal of Control Science and Engineering, 2016, 2016, 1-8.	0.8	7
87	The cold neutron chopper spectrometer at the Spallation Neutron Source—A review of the first 8 years of operation. Review of Scientific Instruments, 2016, 87, 093902.	0.6	68
88	Spin-orbit coupling control of anisotropy, ground state and frustration in $5d^2$ $\text{Sr}_2\text{MgOsO}_6$. Scientific Reports, 2016, 6, 32462.	1.6	25
89	Influence of Surface Oxidation on Ion Dynamics and Capacitance in Porous and Nonporous Carbon Electrodes. Journal of Physical Chemistry C, 2016, 120, 8730-8741.	1.5	40
90	Pressure effect on hydrogen tunneling and vibrational spectrum in $\text{Mn}^{1/2}\text{Mg}^{1/2}\text{O}$. Physical Review B, 2016, 94, .	1.1	7

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91	Coupled antiferromagnetic spin- $\frac{1}{2}$ in green diopside Cu_6O Physical Review B, 2016, 93, .	1.1	10
92	Neutron scattering studies of spin-phonon hybridization and superconducting spin gaps in the high-temperature superconductor $\text{La}_8\text{O}_{7-x}\text{F}_x\text{Fe}_2\text{As}_2$ Physical Review B, 2016, 93, .	1.1	8
93	Spin-phonon coupling and high-pressure phase transitions of $\text{R}_3\text{Mn}_2\text{O}_7$ Physical Review B, 2016, 93, .	0.784314	0
94	Spin-orbit coupling controlled ground state in $\text{Sr}_2\text{Cu}_2\text{O}_7$ Physical Review B, 2016, 93, .	2.1	138
95	Quantum Tunneling of Water in Beryl: A New State of the Water Molecule. Physical Review Letters, 2016, 116, 167802.	2.9	92
96	Infrared and terahertz transmission properties of germanium single crystals. Journal of Physics: Conference Series, 2016, 737, 012021.	0.3	1
97	Optical properties of large germanium monocrystals. Optics and Spectroscopy (English Translation of) Tj ETQq1 1 0.784314 1gBT /Over	0.2	1
98	Quantum Coherence and Temperature Dependence of the Anomalous State of Nanoconfined Water in Carbon Nanotubes. Journal of Physical Chemistry Letters, 2016, 7, 4433-4437.	2.1	17
99	Thermal Imaging and Conoscopic Studies of Working Acousto-optical Devices on the Base of Paratellurite. International Journal of Thermophysics, 2016, 37, 1.	1.0	6
100	The effect of hydrazine intercalation on the structure and capacitance of 2D titanium carbide (MXene). Nanoscale, 2016, 8, 9128-9133.	2.8	225
101	Multilayer graphane synthesized under high hydrogen pressure. Carbon, 2016, 100, 465-473.	5.4	27
102	Quasiparticle-continuum level repulsion in a quantum magnet. Nature Physics, 2016, 12, 224-229.	6.5	33
103	Seed, Expand and Constrain: Three Principles for Weakly-Supervised Image Segmentation. Lecture Notes in Computer Science, 2016, , 695-711.	1.0	311
104	Improving Weakly-Supervised Object Localization By Micro-Annotation. , 2016, , .		14
105	Technology of Creation Periodic Structure on Surface Crystal of Paratellurite. Journal of Nano- and Electronic Physics, 2016, 8, 04044-1-04044-3.	0.2	0
106	CaMn_2Sb_2 : Spin waves on a frustrated antiferromagnetic honeycomb lattice. Physical Review B, 2015, 91, .	1.1	1
107	Publisher's Note: CaMn_2Sb_2 : Spin waves on a frustrated antiferromagnetic honeycomb lattice [Phys. Rev. B 91, 180407(R) (2015)]. Physical Review B, 2015, 91, .	1.1	1
108	Neutron spectroscopic study of crystalline electric field excitations in stoichiometric and lightly stuffed Yb_7O_7 Physical Review B, 2015, 92, .	1.2	10

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109	Wang <i>et al.</i> Reply. Physical Review Letters, 2015, 115, 149802.	2.9	2
110	Pressure Effect on the Boson Peak in Deeply Cooled Confined Water: Evidence of a Liquid-Liquid Transition. Physical Review Letters, 2015, 115, 235701.	2.9	13
111	Quantum effects in the dynamics of deeply supercooled water. Physical Review E, 2015, 91, 022312.	0.8	21
112	Thermodynamic Properties of Fe_2O_3 and Fe_3O_4 Nanoparticles. Journal of Physical Chemistry C, 2015, 119, 9609-9616.	1.5	10
113	Variance-preserving mosaicing of multiple satellite images for forest parameter estimation: Radiometric normalization. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 105, 120-127.	4.9	18
114	Surface micromorphology of germanium single-crystal boules grown from melt. Journal of Surface Investigation, 2015, 9, 630-635.	0.1	5
115	Estimating the number of clusters in a numerical data set via quantization error modeling. Pattern Recognition, 2015, 48, 941-952.	5.1	51
116	Measurement of proton momentum distributions using a direct geometry instrument. Journal of Physics: Conference Series, 2014, 571, 012007.	0.3	12
117	Neutron Scattering Study on <i>f</i> -Electron States in PrCu_4Au . , 2014, , .		2
118	Neutron Scattering of CeNi at the SNS-ORNL: A Preliminary Report. Materials Research Society Symposia Proceedings, 2014, 1683, 26.	0.1	0
119	Neutron-Scattering Evidence for a Periodically Modulated Superconducting Phase in the Underdoped Cuprate $\text{La}_{1-x}\text{Sr}_x\text{CuO}_2$. Physical Review Letters, 2014, 113, 177002.	2.9	24
120	Origin of the charge gap in LaMnPO . Physical Review B, 2014, 90, .	1.1	18
121	Strong Anisotropic Dynamics of Ultra-Confined Water. Journal of Physical Chemistry B, 2014, 118, 13414-13419.	1.2	28
122	Anomalously large isotope effect in the glass transition of water. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17402-17407.	3.3	57
123	Terahertz image processing for the skin cancer diagnostic. , 2014, , .		2
124	Conversion of CH_4 into H_2 at 300C Using Pd/ MnO_2 Catalyst Made with an Effect of Water Oxidation. ECS Transactions, 2014, 58, 81-85.	0.3	1
125	Inelastic neutron scattering studies of YFeO_3 . Physical Review B, 2014, 89, .	1.1	4
126	Vibrational Density of States of Strongly H-Bonded Interfacial Water: Insights from Inelastic Neutron Scattering and Theory. Journal of Physical Chemistry C, 2014, 118, 10805-10813.	1.5	48

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127	A comparison of four direct geometry time-of-flight spectrometers at the Spallation Neutron Source. Review of Scientific Instruments, 2014, 85, 045113.	0.6	107
128	Role of Surface Structure on Li-Ion Energy Storage Capacity of Two-Dimensional Transition-Metal Carbides. Journal of the American Chemical Society, 2014, 136, 6385-6394.	6.6	1,164
129	Boson Peak in Deeply Cooled Confined Water: A Possible Way to Explore the Existence of the Liquid-to-Liquid Transition in Water. Physical Review Letters, 2014, 112, 237802.	2.9	24
130	Unsupervised segmentation and approximation of digital curves with rate-distortion curve modeling. Pattern Recognition, 2014, 47, 623-633.	5.1	7
131	Investigation of Phonon-Like Excitations in Hydrated Protein Powders by Neutron Scattering. Biophysical Journal, 2014, 106, 236a.	0.2	1
132	Closed-Form Approximate CRF Training for Scalable Image Segmentation. Lecture Notes in Computer Science, 2014, , 550-565.	1.0	6
133	Effect of crystal structure of manganese dioxide on response for electrolyte of a hydrogen sensor operative at room temperature. Sensors and Actuators B: Chemical, 2013, 183, 641-647.	4.0	12
134	Surface structure of large germanium single crystals. Journal of Surface Investigation, 2013, 7, 1060-1062.	0.1	1
135	Inelastic neutron scattering, Raman and DFT investigations of the adsorption of phenanthrenequinone on onion-like carbon. Carbon, 2013, 52, 150-157.	5.4	14
136	Anisotropic dynamics of water ultraconfined in macroscopically oriented channels of single-crystal beryl: A multifrequency analysis. Physical Review E, 2013, 88, 052306.	0.8	28
137	Refinement of the crystal structure of the high-temperature phase G 0 in (NH ₄) ₂ WO ₂ F ₄ (powder, X-ray). Tj ETQq1 1 0.784314 rgBT / Dv 0.1 2	0.1	1
138	Charge-Dependent Dynamics of a Polyelectrolyte Dendrimer and Its Correlation with Invasive Water. Journal of the American Chemical Society, 2013, 135, 5111-5117.	6.6	12
139	Structure and Stability of SnO ₂ Nanocrystals and Surface-Bound Water Species. Journal of the American Chemical Society, 2013, 135, 6885-6895.	6.6	67
140	Spin Pseudogap in Ni-Doped SrCuO_2 . Physical Review Letters, 2013, 111, 067204.	2.9	39
141	Phase diagram and magnetic structures of the Co-bearing dugganites Pb ₃ TeCo ₃ A ₂ O ₁₄ (A = V, P). Journal of Physics Condensed Matter, 2013, 25, 246004.	0.7	6
142	The thermodynamic properties of hydrated Al_2O_3 nanoparticles. Journal of Chemical Physics, 2013, 139, 244705.	1.2	16
143	The quantum nature of the OH stretching mode in ice and water probed by neutron scattering experiments. Journal of Chemical Physics, 2013, 139, 074504.	1.2	39
144	Neutron scattering study of magnetic excitations in a d -based double-perovskite Ba ₂ FeReO ₇ . Physical Review Letters, 2013, 111, 067204.	1.1	18

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145	Search for the first-order liquid-to-liquid phase transition in low-temperature confined water by neutron scattering. AIP Conference Proceedings, 2013, , .	0.3	3
146	<i>Ab initio</i> simulation of hydrogen bonding in ices under ultra-high pressure. Journal of Chemical Physics, 2012, 137, 204507.	1.2	20
147	Combined inelastic neutron scattering and solid-state DFT study of dynamics of hydrogen atoms in trioctahedral 1M phlogopite. Physics and Chemistry of Minerals, 2012, 39, 779-787.	0.3	1
148	Evidence for an anomalous quantum state of protons in nanoconfined water. Physical Review B, 2012, 85, .	1.1	56
149	Electrochemical property of proton-conductive manganese dioxide for sensing hydrogen gas concentration. Solid State Ionics, 2012, 225, 282-285.	1.3	6
150	Water dynamics in a lithium chloride aqueous solution probed by Brillouin neutron and x-ray scattering. Journal of Physics Condensed Matter, 2012, 24, 064102.	0.7	14
151	Restricted dynamics of molecular hydrogen confined in activated carbon nanopores. Carbon, 2012, 50, 1071-1082.	5.4	29
152	Segmentation and multi-model approximation of digital curves. Pattern Recognition Letters, 2012, 33, 1171-1179.	2.6	8
153	ISE-bounded polygonal approximation of digital curves. Pattern Recognition Letters, 2012, 33, 1329-1337.	2.6	20
154	Determining the Number of Clusters with Rate-Distortion Curve Modeling. Lecture Notes in Computer Science, 2012, , 43-50.	1.0	2
155	Influence of Particle Size and Water Coverage on the Thermodynamic Properties of Water Confined on the Surface of SnO ₂ Cassiterite Nanoparticles. Journal of Physical Chemistry C, 2011, 115, 21105-21112.	1.5	19
156	Neutron spectroscopy of magnesium dihydride. Journal of Alloys and Compounds, 2011, 509, S599-S603.	2.8	13
157	Efficient Online Algorithms for the Polygonal Approximation of Trajectory Data. , 2011, , .		5
158	Fast Proton Hopping Detection in Ice I _h by Quasi-Elastic Neutron Scattering. Journal of Physical Chemistry C, 2011, 115, 10245-10251.	1.5	35
159	Energetics of single-wall carbon nanotubes as revealed by calorimetry and neutron scattering. Carbon, 2011, 49, 949-954.	5.4	17
160	Sensing hydrogen gas concentration using electrolyte made of proton conductive manganese dioxide. Sensors and Actuators B: Chemical, 2011, 155, 893-896.	4.0	7
161	Quasielastic neutron scattering study of water confined in carbon nanopores. Europhysics Letters, 2011, 95, 56001.	0.7	24
162	Determination of the magnetic contribution to the heat capacity of cobalt oxide nanoparticles and the thermodynamic properties of the hydration layers. Journal of Physics Condensed Matter, 2011, 23, 205303.	0.7	4

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163	Evolution of the phonon density of states of LaCoO ₃ over the spin state transition. <i>Physical Review B</i> , 2011, 83, .	1.1	8
164	Singlet-Triplet Excitations in the Unconventional Spin-Peierls TiOBr Compound. <i>Physical Review Letters</i> , 2011, 106, 117401.	2.9	8
165	Dynamics of Water Confined on the Surface of Titania and Cassiterite Nanoparticles. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1352, 47.	0.1	3
166	Combined inelastic neutron scattering and solid-state density functional theory study of dynamics of hydrogen atoms in muscovite 2M1. <i>American Mineralogist</i> , 2011, 96, 301-307.	0.9	5
167	Nonparametric polygonal and multimodel approximation of digital curves with Rate-Distortion curve modeling. , 2011, , .		5
168	Structure and dynamics of concentrated aqueous solutions of aluminium chloride, beryllium chloride and aluminium bromide: Raman, inelastic neutron scattering and x-ray diffraction results. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 149801-149801.	0.7	0
169	Structural defects in germanium single crystals. <i>Journal of Surface Investigation</i> , 2010, 4, 994-997.	0.1	9
170	Phonon density of states of model ferroelectrics. <i>Materials Research Society Symposia Proceedings</i> , 2010, 1262, 1.	0.1	1
171	Neutron scattering and scaling behavior in URu_2Si_2 . <i>Physical Review B</i> , 2010, 82, .	1.1	14
172	Approximation of digitized curves with cubic Bézier splines. , 2010, , .		4
173	Fast algorithm for error-bounded compression of digital curves. , 2010, , .		1
174	Kondo behavior, ferromagnetic correlations, and crystal fields in the heavy-fermion compounds Ce_3 .		

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181	Neutron spectroscopy of H impurities in PdD: Covibrations of the H and D atoms. Physical Review B, 2009, 80, .	1.1	11
182	Theoretical investigation of the vibrational properties of BeH_2 and Li_2 . Physical Review B, 2009, 80, .	1.1	11
183	Crystallization in heat-treated fluorochlorozirconate glasses. Journal of Physics Condensed Matter, 2009, 21, 375103.	0.7	10
184	Studies of Mineral-Water Surfaces. Neutron Scattering Applications and Techniques, 2009, , 235-256.	0.2	7
185	Large phonon band gap in SrTiO_3 and the vibrational signatures of ferroelectricity in AlH_3 and AlD_3 . Journal of Physics Condensed Matter, 2008, 20, 275204.	1.1	88
186	Heat capacity of AlH_3 and AlD_3 at temperatures up to 1000 K. Journal of Physics Condensed Matter, 2008, 20, 275204.	0.7	10
187	Vibrational dynamics of amorphous beryllium hydride and lithium beryllium hydrides. Journal of Chemical Physics, 2008, 128, 134512.	1.2	15
188	Constrained piecewise linear approximation of digital curves. , 2008, , .		7
189	Carbon-hydrogen bonding in near-frictionless carbon. Applied Physics Letters, 2008, 93, .	1.5	11
190	Fast algorithm for ISE-bounded polygonal approximation. , 2008, , .		7
191	An online polygonal approximation of digital signals and curves with Dynamic Programming algorithm. , 2008, , .		1
192	Observation of two O-H covalent bonds of water in the TbCo_3 A singlet ground state. Physical Review B, 2008, 78, .	1.1	8
193	Dynamic Crossover Phenomenon in Confined Supercooled Water and Its Relation to the Existence of a Liquid-Liquid Critical Point in Water. AIP Conference Proceedings, 2008, , .	0.3	20
194	Glass Ceramics for High-Resolution Imaging. , 2008, , .		0
195	Vector maps compression for progressive transmission. , 2007, , .		1
196	Distortion-constrained compression of vector maps. , 2007, , .		3
197	Lattice dynamics of AlH_3 and AlD_3 by inelastic neutron scattering: High-energy band of optical bond-stretching vibrations. Physical Review B, 2007, 76, .	1.1	18
198	Observation of two O-H covalent bonds of water in the NaCo_2O_6 \hat{a}^{TM} H_2 . Physical Review B, 2007, 76, .	1.1	1

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199	Observation of a dynamic crossover in water confined in double-wall carbon nanotubes. <i>Physical Review E</i> , 2007, 76, 021505.	0.8	68
200	Crystal structure and lattice dynamics of chromium hydrides. <i>Journal of Alloys and Compounds</i> , 2007, 430, 22-28.	2.8	22
201	Anharmonicity of optical hydrogen vibrations in RhH. <i>Journal of Alloys and Compounds</i> , 2007, 446-447, 508-511.	2.8	4
202	Neutron spectroscopy study of single-walled carbon nanotubes hydrogenated under high pressure. <i>Journal of Alloys and Compounds</i> , 2007, 446-447, 389-392.	2.8	5
203	Dynamics of Water Confined on a TiO ₂ (Anatase) Surface. <i>Journal of Physical Chemistry A</i> , 2007, 111, 12584-12588.	1.1	54
204	Crystal field excitations in the singlet ground state compound Pr ₃ In. <i>Journal of Applied Physics</i> , 2007, 101, 09D505.	1.1	8
205	Lossless Compression of Color Map Images by Context Tree Modeling. <i>IEEE Transactions on Image Processing</i> , 2007, 16, 114-120.	6.0	21
206	Lossless compression of map contours by context tree modeling of chain codes. <i>Pattern Recognition</i> , 2007, 40, 944-952.	5.1	28
207	Inelastic neutron scattering and DFT study of 2-amino-3-hydroxymethyl-1,3-propane diol (TRIS). <i>Chemical Physics</i> , 2007, 340, 245-259.	0.9	2
208	Polygonal approximation of closed discrete curves. <i>Pattern Recognition</i> , 2007, 40, 1282-1293.	5.1	49
209	Phase transitions of interfacial water at 165 and 240 K. Connections to bulk water physics and protein dynamics. <i>European Physical Journal: Special Topics</i> , 2007, 141, 227-233.	1.2	28
210	Origins of isotopomeric polymorphism. <i>Isotopes in Environmental and Health Studies</i> , 2006, 42, 271-277.	0.5	8
211	Anomalously soft dynamics of water in carbon nanotubes. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 272-274.	1.3	26
212	Extraction of metals from natural waters: A neutron characterization of the nanostructured manganese-oxide-based adsorbents. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 493-495.	1.3	4
213	Inelastic neutron scattering and lattice dynamics studies of AlPO ₄ and GaPO ₄ . <i>Physica B: Condensed Matter</i> , 2006, 385-386, 147-149.	1.3	2
214	Further evidence of a liquid-liquid transition in interfacial water. <i>Journal of Physics Condensed Matter</i> , 2006, 18, S2299-S2304.	0.7	20
215	Structure and dynamics of water confined in single-wall carbon nanotubes. <i>Journal of Physics Condensed Matter</i> , 2006, 18, S2321-S2334.	0.7	22
216	Low-energy neutron vibrational spectra of high pressure phases of ice. <i>Journal of Neutron Research</i> , 2006, 14, 325-331.	0.4	2

#	ARTICLE	IF	CITATIONS
217	Anomalous Behavior of Proton Zero Point Motion in Water Confined in Carbon Nanotubes. Physical Review Letters, 2006, 97, 247801.	2.9	87
218	Dynamics of water confined in single- and double-wall carbon nanotubes. Journal of Chemical Physics, 2006, 124, 194703.	1.2	117
219	Crystal structure and lattice dynamics of high-pressure scandium trihydride. Physical Review B, 2006, 73, .	1.1	25
220	Quasielastic and inelastic neutron scattering investigation of fragile-to-strong crossover in deeply supercooled water confined in nanoporous silica matrices. Journal of Physics Condensed Matter, 2006, 18, S2261-S2284.	0.7	67
221	Methods for measuring light scattering in germanium and paratellurite crystals. Crystallography Reports, 2005, 50, S46-S52.	0.1	1
222	Data reduction of large vector graphics. Pattern Recognition, 2005, 38, 381-394.	5.1	40
223	Optimal Encoding of Vector Data with Polygonal Approximation and Vertex Quantization. Lecture Notes in Computer Science, 2005, , 1186-1195.	1.0	4
224	Experimental Observations of Water~Framework Interactions in a Hydrated Microporous Aluminum Phosphate. Journal of Physical Chemistry B, 2005, 109, 4464-4469.	1.2	10
225	Optical transparency of crystalline germanium. Journal of Optical Technology (A Translation of Opticheski Zhurnal), 2005, 72, 564.	0.2	6
226	Light scattering by single crystals of paratellurite and germanium. Journal of Optical Technology (A Translation of Opticheski Zhurnal), 2005, 72, 572.	0.2	1
227	Measuring the light-attenuation coefficients of germanium and paratellurite crystals. Journal of Optical Technology (A Translation of Opticheski Zhurnal), 2005, 72, 564.	0.2	6
228	The relationship between mechanical stresses and optical anomalies in germanium and paratellurite. Journal of Optical Technology (A Translation of Opticheski Zhurnal), 2005, 72, 572.	0.2	1
229	Neutron scattering studies of -CoH. Journal of Alloys and Compounds, 2005, 404-406, 73-76.	2.8	16
230	Neutron-scattering characterization of nanostructured materials relevant to biotechnology. Nanotechnology, 2004, 15, S664-S671.	1.3	6
231	Negative thermal expansion in cubic ZrMo2O8: Inelastic neutron scattering and lattice dynamical studies. Physical Review B, 2004, 70, .	1.1	41
232	Dynamic magnetic susceptibility of Gd5Si2Ge2 and Gd4YSi1.9Ge2.1. Journal of Applied Physics, 2004, 95, 7207-7209.	1.1	5
233	Structure and Dynamics of Water Adsorbed in Carbon Nanotubes: A Joint Neutron-Scattering and Molecular-Dynamics Study. Materials Research Society Symposia Proceedings, 2004, 840, Q1.8.1.	0.1	0
234	Neutron Spectroscopy of Carbon nano-Materials. Materials Research Society Symposia Proceedings, 2004, 840, Q2.3.1.	0.1	0

#	ARTICLE	IF	CITATIONS
235	Structure, proton incorporation and transport properties of ceramic proton conductor Ba(Ce _{0.7} Zr _{0.2} Yb _{0.1})O _{3-δ} . Materials Research Society Symposia Proceedings, 2004, 835, K1.4.1.	0.1	1
236	Structure and dynamics of concentrated aqueous solutions of aluminium chloride, beryllium chloride and aluminium bromide: Raman, inelastic neutron scattering and x-ray diffraction results. Journal of Physics Condensed Matter, 2004, 16, 6343-6364.	0.7	13
237	Low-angle boundaries in germanium. Crystallography Reports, 2004, 49, 184-187.	0.1	0
238	Inelastic neutron scattering and lattice dynamics of GaPO ₄ . Pramana - Journal of Physics, 2004, 63, 405-408.	0.9	2
239	Muon spin-relaxation studies of high pressure phases of ices. Physica B: Condensed Matter, 2004, 350, E451-E454.	1.3	1
240	Anomalously Soft Dynamics of Water in a Nanotube: A Revelation of Nanoscale Confinement. Physical Review Letters, 2004, 93, 035503.	2.9	486
241	The Shortest Symmetrical H \cdots H \cdots O Hydrogen Bond Has a Low-Barrier Double-Well Potential. Journal of Physical Chemistry B, 2004, 108, 6922-6926.	1.2	36
242	High-Pressure Hydrides of Iron and Its Alloys. ChemInform, 2003, 34, no.	0.1	0
243	Reduced-search dynamic programming for approximation of polygonal curves. Pattern Recognition Letters, 2003, 24, 2243-2254.	2.6	72
244	Neutron-scattering studies of the phase transitions in high-pressure ices during annealing. Canadian Journal of Physics, 2003, 81, 401-407.	0.4	2
245	Incoherent inelastic neutron-scattering studies of the structure of water associated with DNA and gelatin. Canadian Journal of Physics, 2003, 81, 367-371.	0.4	7
246	Polygonal Approximation of Closed Contours. Lecture Notes in Computer Science, 2003, , 778-785.	1.0	9
247	Defect hydrogen vibrations in various phases deuterium ice. Journal of Chemical Physics, 2003, 119, 3332-3335.	1.2	2
248	Inelastic neutron scattering and lattice dynamical calculation of negative thermal expansion in HfW ₂ O ₈ . Physical Review B, 2003, 68, .	1.1	29
249	Inelastic neutron scattering studies of TbNiAlH _{1.4} and UNiAlH _{2.0} hydrides. Journal of Physics Condensed Matter, 2003, 15, 2551-2559.	0.7	0
250	Inelastic neutron scattering, lattice dynamics, and synchrotron x-ray diffraction study of FePO ₄ . Physical Review B, 2002, 66, .	1.1	17
251	High-pressure hydrides of iron and its alloys. Journal of Physics Condensed Matter, 2002, 14, 6427-6445.	0.7	55
252	Elongation factor G with effector loop from elongation factor Tu is inactive in translocation. FEBS Letters, 2002, 514, 67-69.	1.3	6

#	ARTICLE	IF	CITATIONS
253	Giant tunnelling effect of hydrogen and deuterium in δ manganese. Journal of Alloys and Compounds, 2002, 330-332, 462-466.	2.8	4
254	Lattice dynamics of high-pressure hydrides of the group VI-VIII transition metals. Physica B: Condensed Matter, 2002, 316-317, 158-161.	1.3	10
255	The first observation of the boson peak from water vapour deposited amorphous ice. Physica B: Condensed Matter, 2002, 316-317, 493-496.	1.3	7
256	Liquid-like dynamical behaviour of water in silica gel at 5 K. Journal of Molecular Liquids, 2002, 96-97, 317-325.	2.3	2
257	Neutron spectroscopic investigation of dynamics of water ice. Journal of Molecular Liquids, 2002, 100, 1-39.	2.3	77
258	Thermodynamic properties and structural features of water at normal and high pressures. Solid State Ionics, 2001, 145, 415-420.	1.3	3
259	Phonon Density of States in MgB ₂ . Physical Review Letters, 2001, 87, 017005.	2.9	183
260	Neutron spectroscopy of ReH _{0.09} . Physical Review B, 2001, 64, .	1.1	5
261	Neutron spectroscopy of manganese hydride. Solid State Communications, 2000, 113, 569-572.	0.9	21
262	Inelastic neutron scattering investigation of Greenland ices. Physica B: Condensed Matter, 2000, 276-278, 282-283.	1.3	8
263	Inelastic neutron scattering study of water in the sub- and supercritical region. Physica B: Condensed Matter, 2000, 276-278, 444-445.	1.3	4
264	Pressure effect on the hydrogen vibrations in δ -TiH and δ -ZrH. Journal of Physics Condensed Matter, 2000, 12, 4757-4765.	0.7	7
265	Inelastic neutron scattering study of water in the subcritical and supercritical region. Physical Review B, 2000, 62, 5492-5495.	1.1	19
266	Neutron diffraction and reverse Monte Carlo study of bulk amorphous Ga ₃₈ Sb ₃₈ Ge ₂₄ alloys. Physical Review B, 2000, 62, 9372-9377.	1.1	7
267	Anisotropy in the inelastic neutron scattering from fcc NiH. Europhysics Letters, 2000, 51, 140-146.	0.7	8
268	Hydrogen vibrations in δ -TiH and δ -ZrH under high pressure. High Pressure Research, 2000, 17, 281-288.	0.4	1
269	Neutron spectroscopy of ice VIII in the region of 20-500 meV. Physical Review B, 1999, 59, 9088-9094.	1.1	15
270	Neutron-diffraction study of bulk amorphous Al ₃₂ Ge ₆₈ alloy. Physical Review B, 1999, 60, 12681-12686.	1.1	10

#	ARTICLE	IF	CITATIONS
271	Neutron scattering study and lattice dynamical simulation of clathrate H ₂ O+He. Physica B: Condensed Matter, 1999, 263-264, 429-431.	1.3	13
272	The vibrational spectrum and giant tunnelling effect of hydrogen dissolved in δ -Mn. Physica B: Condensed Matter, 1999, 263-264, 421-423.	1.3	14
273	Neutron spectroscopy of fullerite hydrogenated under high pressures. Physica B: Condensed Matter, 1999, 263-264, 436-438.	1.3	18
274	Neutron spectroscopy of high-density amorphous ice. Physica B: Condensed Matter, 1999, 263-264, 650-652.	1.3	10
275	Vibrational dynamics of amorphous ice. Physical Review B, 1999, 59, 3569-3578.	1.1	80
276	Neutron scattering study of bulk amorphous GaSb. Journal of Non-Crystalline Solids, 1999, 244, 250-259.	1.5	15
277	α -In situ neutron scattering studies of ice under high pressure. High Pressure Research, 1999, 16, 187-199.	0.4	5
278	Neutron Spectroscopy of Vapour Deposited Amorphous Ice. , 1999, , 305-307.		0
279	Neutron diffraction investigation of δ manganese hydride. Solid State Communications, 1998, 107, 787-790.	0.9	14
280	Neutron diffraction investigation of the dhcp and hcp iron hydrides and deuterides. Journal of Alloys and Compounds, 1998, 264, 214-222.	2.8	78
281	Strong anisotropy in the inelastic neutron scattering from PdH at high energy transfer. Physical Review B, 1998, 58, 2591-2595.	1.1	47
282	Neutron scattering studies of the structure and lattice dynamics of a solid solution of hydrogen in δ -manganese. Journal of Physics Condensed Matter, 1998, 10, 5255-5266.	0.7	14
283	Weakened hydrogen bond interactions in the high pressure phase of ice: Ice II. Journal of Chemical Physics, 1998, 109, 235-240.	1.2	17
284	Neutron-Scattering Studies of Ice Prepared by Different Thermobaric Treatments. Journal of Physical Chemistry B, 1997, 101, 6082-6086.	1.2	23
285	Lattice Dynamical Calculations of Ice VIII. Journal of Physical Chemistry B, 1997, 101, 6087-6089.	1.2	8
286	Neutron spectroscopy of fullerite hydrogenated under high pressure; evidence for interstitial molecular hydrogen. Journal of Physics Condensed Matter, 1997, 9, 2831-2838.	0.7	31
287	Neutron Scattering Studies of Vapor Deposited Amorphous Ice. Physical Review Letters, 1997, 79, 1869-1872.	2.9	36
288	Neutron spectroscopy of C ₆₀ H _x quenched under hydrogen pressure. Physica B: Condensed Matter, 1997, 234-236, 10-12.	1.3	4

#	ARTICLE	IF	CITATIONS
289	Multiphonon contributions in inelastic neutron scattering spectra of ice. <i>Physica B: Condensed Matter</i> , 1997, 234-236, 34-36.	1.3	24
290	Bulk amorphous Zn ₄₁ Sb ₅₉ and GaSb studied by neutron diffraction. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1997, 226-228, 448-452.	2.6	4
291	Bulk Amorphous Ga _{1-x} Sb Semiconductors Prepared by Thermobaric Treatment: Formation and Properties. <i>Physica Status Solidi (B): Basic Research</i> , 1996, 198, 491-496.	0.7	9
292	Neutron spectroscopy of aluminium trihydride. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 2529-2538.	0.7	11
293	Neutron scattering study of a high-pressure polymeric phase. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 10939-10949.	0.7	5
294	Particular singular faces in single crystals. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1996, 52, C462-C462.	0.3	0
295	Structure and dynamics of different phases of the superprotonic conductor CsHSO ₄ . <i>Physica B: Condensed Matter</i> , 1995, 213-214, 1034-1036.	1.3	9
296	Phonon spectra of ordered PdCuH and PdAgH prepared under a high hydrogen pressure. <i>Physica B: Condensed Matter</i> , 1995, 213-214, 442-444.	1.3	3
297	Similarity of vibrational spectra of high-density amorphous ice and high-pressure phase ice VI. <i>Physica B: Condensed Matter</i> , 1995, 213-214, 474-476.	1.3	14
298	Phonons and bound multiphonons in the \hat{I}^3 -phases of TiH and ZrH: Neutron spectroscopy studies. <i>Physica B: Condensed Matter</i> , 1995, 213-214, 445-447.	1.3	2
299	Structure and lattice dynamics of titanium hydrides due to thermobaric treatment. <i>High Pressure Research</i> , 1995, 14, 91-100.	0.4	10
300	Neutron scattering studies of structural transformations and vibrational spectra of ice after high pressure treatment. <i>High Pressure Research</i> , 1995, 14, 101-109.	0.4	1
301	Neutron scattering studies of ordered PdCuH and PdAgH prepared under a high hydrogen pressure. <i>High Pressure Research</i> , 1995, 14, 81-89.	0.4	5
302	Globular germanium precipitation from supersaturated Al(Ge) solid solutions prepared by thermobaric treatments. <i>Journal of Non-Crystalline Solids</i> , 1995, 192-193, 486-489.	1.5	1
303	Inelastic neutron scattering study of ordered gamma -ZrH. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 8989-9000.	0.7	16
304	Lattice dynamics and effects of anharmonicity in different phases of caesium hydrogen sulphate. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 5823-5832.	0.7	5
305	Neutron scattering studies of the vibrational spectrum of high-density amorphous ice in comparison with ice Ih and VI. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 375-382.	0.7	25
306	Neutron scattering studies of the structure and dynamics of the PdCu-H ordered phase produced under a high hydrogen pressure. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 9001-9008.	0.7	9

#	ARTICLE	IF	CITATIONS
307	Neutron scattering studies of ordered gamma -ZrD. Journal of Physics Condensed Matter, 1994, 6, 8977-8988.	0.7	33
308	Neutron diffraction study of bulk amorphous Zn ₄₁ Sb ₅₉ . Journal of Non-Crystalline Solids, 1994, 176, 263-270.	1.5	16
309	Neutron Spectroscopy of Phonon and Bound Multiphonon States in $\hat{\Gamma}^3$ -ZrH. Materials Research Society Symposia Proceedings, 1994, 376, 733.	0.1	0
310	Phonon Spectra of Ordered PdCuH and PdAgH Produced Under a High Hydrogen Pressure. Materials Research Society Symposia Proceedings, 1994, 376, 739.	0.1	0
311	Similarity of Vibrational Spectra of High Density Amorphous Ice and High Pressure Phase Ice VI. Materials Research Society Symposia Proceedings, 1994, 376, 745.	0.1	0
312	Neutron scattering and specific heat study of AlGe and AlSi alloys quenched under high pressure. Journal of Physics Condensed Matter, 1993, 5, 4737-4748.	0.7	5
313	A real-time neutron diffraction study of phase transitions in the Ti-D system after high-pressure treatment. Journal of Physics Condensed Matter, 1993, 5, 5045-5058.	0.7	18
314	Inelastic neutron scattering study of the ordered Pd-Ag-H hydrides. Journal of Physics Condensed Matter, 1993, 5, 7075-7086.	0.7	7
315	Hydrogen Interaction and Bound Multiphonon States in Vibrational Spectra of Titanium Hydrides*. Zeitschrift Fur Physikalische Chemie, 1993, 179, 335-342.	1.4	5
316	Phase separation in titanium hydrides studied by small-angle neutron scattering. European Physical Journal Special Topics, 1993, 03, C8-287-C8-290.	0.2	1
317	Neutron scattering study of metastable high pressure ice VIII. High Pressure Research, 1992, 9, 225-228.	0.4	0
318	Strong anharmonic H(D) vibrations in the $\hat{\Gamma}^3$ -phase of titanium hydride: observation of bound multiphonon states. Physica B: Condensed Matter, 1992, 180-181, 284-286.	1.3	9
319	Inelastic incoherent neutron scattering study of D ₂ O and H ₂ O ice VIII in the range 2â€“140 meV. Physics Letters, Section A: General, Atomic and Solid State Physics, 1992, 168, 308-312.	0.9	43
320	Inelastic neutron scattering in amorphous and crystalline phases of Zn $\hat{\Gamma}^3$ -Sb and Cd $\hat{\Gamma}^3$ -Sb systems produced by thermobaric treatments. Solid State Communications, 1991, 78, 331-334.	0.9	3
321	Neutron spectroscopy of MnH _{0.86} , NiH _{1.05} , PdH _{0.99} and harmonic behaviour of their optical phonons. Physica B: Condensed Matter, 1991, 174, 257-261.	1.3	52
322	Neutron spectroscopy of TiH _{0.74} after high pressure treatment. Journal of Physics Condensed Matter, 1991, 3, 5927-5936.	0.7	27
323	Dynamics of disordered materials. Uspekhi Fizicheskikh Nauk, 1990, 33, 401-401.	0.3	0
324	Neutron Scattering Investigation of Metastable Phases of Titanium Hydride after Quenching under High Pressure*. Zeitschrift Fur Physikalische Chemie, 1989, 163, 709-714.	1.4	4

#	ARTICLE	IF	CITATIONS
325	Hydrogen vibrations in $H_x YBa_2 Cu_3 O_7$ superconducting ceramics. <i>Physica C: Superconductivity and Its Applications</i> , 1989, 162-164, 1369-1370.	0.6	8
326	Special features in the study of molecular structure of alkali metal tetrachloroaluminates. <i>Journal of Structural Chemistry</i> , 1985, 26, 358-363.	0.3	0
327	Harmonic Dynamics of Anthracene Crystal. <i>Molecular Crystals and Liquid Crystals</i> , 1984, 104, 207-230.	0.9	7
328	NEUTRON SPECTROSCOPY OF INTERNAL PHONONS OF NAPHTHALENE AND ANTHRACENE CRYSTALS. <i>Journal De Physique Colloque</i> , 1981, 42, C6-605-C6-607.	0.2	1
329	HARMONIC DYNAMICS OF ANTHRACENE AND NAPHTHALENE CRYSTALS. <i>Journal De Physique Colloque</i> , 1981, 42, C6-566-C6-568.	0.2	0