

# Hiroshi Fujihisa

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/2063694/hiroshi-fujihisa-publications-by-citations.pdf>

**Version:** 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

130  
papers

4,106  
citations

34  
h-index

62  
g-index

135  
ext. papers

4,486  
ext. citations

4.6  
avg, IF

4.86  
L-index

#	Paper	IF	Citations
130	Distinct responses to mechanical grinding and hydrostatic pressure in luminescent chromism of tetrathiazolylthiophene. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 10322-5	16.4	377
129	Superconductivity in Novel BiS <sub>2</sub> -Based Layered Superconductor LaO <sub>1-x</sub> F <sub>x</sub> BiS <sub>2</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2012</b> , 81, 114725	1.5	344
128	BiS <sub>2</sub> -based layered superconductor Bi <sub>4</sub> O <sub>4</sub> S <sub>3</sub> . <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	336
127	New Member of BiS <sub>2</sub> -Based Superconductor NdO <sub>1-x</sub> F <sub>x</sub> BiS <sub>2</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2013</b> , 82, 033708	1.5	222
126	New-Structure-Type Fe-Based Superconductors: CaAF <sub>e</sub> 4As <sub>4</sub> (A = K, Rb, Cs) and SrAF <sub>e</sub> 4As <sub>4</sub> (A = Rb, Cs). <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 3410-5	16.4	169
125	Application of an imaging plate to high-pressure x-ray study with a diamond anvil cell (invited). <i>Review of Scientific Instruments</i> , <b>1992</b> , 63, 967-973	1.7	160
124	Infrared absorption study of the hydrogen-bond symmetrization in ice to 110 GPa. <i>Physical Review B</i> , <b>1996</b> , 54, 15673-15677	3.3	147
123	Modulated structure of solid iodine during its molecular dissociation under high pressure. <i>Nature</i> , <b>2003</b> , 423, 971-4	50.4	130
122	O <sub>8</sub> cluster structure of the epsilon phase of solid oxygen. <i>Physical Review Letters</i> , <b>2006</b> , 97, 085503	7.4	95
121	Pressure-Induced Enhancement of Superconductivity and Structural Transition in BiS <sub>2</sub> -Layered LaO <sub>1-x</sub> F <sub>x</sub> BiS <sub>2</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2014</b> , 83, 063704	1.5	93
120	A new layered iron arsenide superconductor: (Ca,Pr)FeAs <sub>2</sub> . <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 846-9	16.4	92
119	High-pressure structures of methane hydrate observed up to 8 GPa at room temperature. <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 7066-7070	3.9	91
118	Evidence for molecular dissociation in bromine near 80 GPa. <i>Physical Review Letters</i> , <b>1989</b> , 63, 536-539	7.4	83
117	Methane Hydrate Behavior under High Pressure. <i>Journal of Physical Chemistry B</i> , <b>2000</b> , 104, 1429-1433	3.4	78
116	Pressure-Induced Molecular Dissociation and Metallization in Hydrogen-Bonded H <sub>2</sub> S Solid. <i>Physical Review Letters</i> , <b>1997</b> , 79, 1082-1085	7.4	63
115	Infrared absorption study of Fermi resonance and hydrogen-bond symmetrization of ice up to 141 GPa. <i>Physical Review B</i> , <b>1999</b> , 60, 12644-12650	3.3	61
114	Structural aspects of dense solid halogens under high pressure studied by x-ray diffraction Molecular dissociation and metallization. <i>Journal of Physics and Chemistry of Solids</i> , <b>1995</b> , 56, 1439-1444	3.9	56

113	"Devil's staircase"-type phase transition in NaV <sub>2</sub> O <sub>5</sub> under high pressure. <i>Physical Review Letters</i> , <b>2001</b> , 87, 086402	7.4	53
112	Superconductivity in Fe-Based Compound EuAF <sub>4</sub> As <sub>4</sub> (A = Rb and Cs). <i>Journal of the Physical Society of Japan</i> , <b>2016</b> , 85, 064710	1.5	53
111	Infrared investigation on ice VIII and the phase diagram of dense ices. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	49
110	Incommensurate composite crystal structure of scandium-II. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	47
109	Stability and the equation of state of alpha -manganese under ultrahigh pressure. <i>Physical Review B</i> , <b>1995</b> , 52, 13257-13260	3.3	46
108	Crystal structures of calcium IV and V under high pressure. <i>Physical Review Letters</i> , <b>2008</b> , 101, 095503	7.4	45
107	Incommensurate Structure of Phosphorus Phase IV. <i>Physical Review Letters</i> , <b>2007</b> , 98,	7.4	43
106	Cs(VI): A new high-pressure polymorph of cesium above 72 GPa. <i>Physical Review Letters</i> , <b>1991</b> , 66, 2014-2017	7.4	42
105	New helical chain structure for scandium at 240 GPa. <i>Physical Review Letters</i> , <b>2005</b> , 94, 195503	7.4	41
104	Crystal structure of the distorted FCC high-pressure phase of praseodymium. <i>Journal of Physics Condensed Matter</i> , <b>1993</b> , 5, L369-L374	1.8	41
103	Protonic diffusion in high-pressure ice VII. <i>Science</i> , <b>2002</b> , 295, 1264-6	33.3	39
102	Structures of H <sub>2</sub> S: Phases I? and IV under high pressure. <i>Physical Review B</i> , <b>1998</b> , 57, 2651-2654	3.3	39
101	Raman and infrared study of phase transitions in solid HBr under pressure. <i>Physical Review B</i> , <b>1999</b> , 59, 11244-11250	3.3	39
100	Spiral chain structure of high pressure selenium and sulfur from powder x-ray diffraction. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	37
99	Molecular dissociation and two low-temperature high-pressure phases of H <sub>2</sub> S. <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	37
98	Ca-VI: A high-pressure phase of calcium above 158 GPa. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	36
97	Equation of state of cobalt up to 79 GPa. <i>Physical Review B</i> , <b>1996</b> , 54, 5-7	3.3	35
96	Crystal structure of the high-pressure phase of hexahydro-1,3,5-trinitro-1,3,5-triazine (gamma-RDX). <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 23655-9	3.4	32

95	High-pressure structural phase transition in indium. <i>Physical Review B</i> , <b>1993</b> , 47, 8465-8470	3.3	32
94	Methane Clathrate Hydrates Formed within Hydrophilic and Hydrophobic Media: Kinetics of Dissociation and Distortion of Host Structure. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 7081-7085	3.8	30
93	distribution of butane in the host water cage of structure II clathrate hydrates. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 17207-13	4.8	30
92	Ca-VII: a chain ordered host-guest structure of calcium above 210 GPa. <i>Physical Review Letters</i> , <b>2013</b> , 110, 235501	7.4	29
91	Structural and valence changes of europium hydride induced by application of high-pressure H <sub>2</sub> . <i>Physical Review Letters</i> , <b>2011</b> , 107, 025501	7.4	27
90	Hydrogen-bond symmetrization and molecular dissociation in hydrogen halids. <i>Physica B: Condensed Matter</i> , <b>1999</b> , 265, 83-86	2.8	27
89	Axial ratio of Zn at high pressure and low temperature. <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	21
88	Raman study of phase transition and hydrogen bond symmetrization in solid DCl at high pressure. <i>Physical Review B</i> , <b>2000</b> , 61, 119-124	3.3	21
87	High-pressure phase transitions of solid H <sub>2</sub> S probed by Fourier-transform infrared spectroscopy. <i>Physical Review B</i> , <b>1997</b> , 55, 5538-5541	3.3	19
86	Infrared observation of the phase transitions of ice at low temperatures and pressures up to 50 GPa and the metastability of low-temperature ice VII. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	17
85	Infrared spectroscopic study of H <sub>2</sub> O/D <sub>2</sub> O mixed ice up to 100 GPa. <i>Physical Review B</i> , <b>2000</b> , 62, 2976-2979	3.3	17
84	Synthesis, structure, and phase diagram of (Sr <sub>1-x</sub> Nax)Fe <sub>2</sub> As <sub>2</sub> superconductors. <i>Superconductor Science and Technology</i> , <b>2015</b> , 28, 062001	3.1	16
83	Emergent phases of nodeless and nodal superconductivity separated by antiferromagnetic order in iron-based superconductor (Ca <sub>4</sub> Al <sub>2</sub> O <sub>6</sub> )Fe <sub>2</sub> (As <sub>1-x</sub> Px) <sub>2</sub> : 75As- and 31P-NMR studies. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	16
82	Identification of superlattice structure c16 in the P-VI phase of phosphorus at 340 GPa and room temperature via x-ray diffraction. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	16
81	Crystal structure of anhydrous 5-aminotetrazole and its high-pressure behavior. <i>CrystEngComm</i> , <b>2011</b> , 13, 99-102	3.3	15
80	Mg-doping experiment and electrical transport measurement of boron nanobelts. <i>Journal of Solid State Chemistry</i> , <b>2006</b> , 179, 2799-2804	3.3	15
79	Molecular Dissociation in Deuterium Sulfide under High Pressure: Infrared and Raman Study. <i>Journal of Physical Chemistry A</i> , <b>2000</b> , 104, 8838-8842	2.8	15
78	Superconductivity on Hole-Doping Side of (LaNa)FeAs. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 369-374	16.4	14

77	Superconductivity in a New 1144-Type Family of (La,Na)AFeAs (A = Rb or Cs). <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 868-873	6.4	13
76	Formation of LiBH <sub>4</sub> hydrate with dihydrogen bonding. <i>Journal of Alloys and Compounds</i> , <b>2012</b> , 541, 111-114	11.4	13
75	Crystal Structure of the High-Pressure Phase of Mercury: A Novel Monoclinic Distortion of the Close-Packed Structure. <i>Journal of the Physical Society of Japan</i> , <b>2007</b> , 76, 023601	1.5	13
74	Phase Transition of a Structure II Cubic Clathrate Hydrate to a Tetragonal Form. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 9287-91	16.4	13
73	New Intermetallic Ternary Phosphide Chalcogenide AP <sub>2</sub> X <sub>2</sub> (A = Zr, Hf; X = S, Se) Superconductors with PbFCl-Type Crystal Structure. <i>Journal of the Physical Society of Japan</i> , <b>2014</b> , 83, 074713	1.5	12
72	An X-ray Powder Pattern Analysis Program for Imaging Plate.. <i>Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu</i> , <b>1999</b> , 9, 65-70	0	12
71	Superconductivity in layered ZrP <sub>2</sub> Sexwith PbFCl-type structure. <i>Superconductor Science and Technology</i> , <b>2016</b> , 29, 055004	3.1	10
70	Structural change of iodanyl under high pressure. <i>Synthetic Metals</i> , <b>1999</b> , 103, 1901-1902	3.6	10
69	Pressure dependence of the electron density in solid iodine by the maximum-entropy method. <i>High Pressure Research</i> , <b>1996</b> , 14, 335-340	1.6	10
68	Synthesis and the physical properties of layered copper oxytellurides Sr <sub>2</sub> TMCu <sub>2</sub> Te <sub>2</sub> O <sub>2</sub> (TM = Mn, Co, Zn). <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 12260-12266	7.1	10
67	Collapse of CuO Double Chains and Suppression of Superconductivity in High-Pressure Phase of YBa <sub>2</sub> Cu <sub>4</sub> O <sub>8</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2014</b> , 83, 093601	1.5	9
66	Recent Progress in the Powder X-Ray Diffraction Image Analysis Program PIP. <i>Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu</i> , <b>2005</b> , 15, 29-35	0	9
65	Structural study on pressure-induced metallization of C <sub>6</sub> I <sub>6</sub> . <i>Synthetic Metals</i> , <b>2001</b> , 120, 767-768	3.6	9
64	Introduction to DAC Techniques. High Pressure X-ray Powder Diffraction Experiments and Intensity Analyses.. <i>Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu</i> , <b>1998</b> , 8, 4-9	0	9
63	Crystal structure and superconductivity of Ba <sub>1-x</sub> Ge <sub>x</sub> and Ba <sub>1-x</sub> Te <sub>x</sub> with two-dimensional Ba-Ge networks. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 5245-8	16.4	8
62	Bcc-fcc structure transition of Te. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 500, 192018	0.3	8
61	Structural Analysis of Some High-Pressure Stable and Metastable Phases in Lithium Borohydride LiBH <sub>4</sub> . <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 3911-3917	3.8	8
60	Phase transition in a superprotonic conductor Cs <sub>2</sub> (HSO <sub>4</sub> )(H <sub>2</sub> PO <sub>4</sub> ) induced by water vapor. <i>Solid State Ionics</i> , <b>2006</b> , 177, 1275-1279	3.3	8

59	Structural phase transitions in iodine under high pressure. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2004</b> , 219, 749-754	1	8
58	High-Pressure X-ray Studies of Zn at Room and Low Temperatures with a He-Pressure Medium. <i>High Pressure Research</i> , <b>2002</b> , 22, 337-341	1.6	8
57	Structural study of hexaiodobenzene up to 9.7 GPa. <i>Physical Review B</i> , <b>2000</b> , 62, 8759-8765	3.3	8
56	Pressure dependence of the lattice constant of diamond: Isotopic effects. <i>JETP Letters</i> , <b>1996</b> , 63, 83-88	1.2	8
55	Superconductivity in Uncollapsed Tetragonal LaFeAs. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 1018-1023	6.4	8
54	Superconducting state in (Eu <sub>1-x</sub> Cax)RbFe <sub>4</sub> As <sub>4</sub> with 1144-type Structure. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 969, 012027	0.3	7
53	High-pressure powder x-ray diffraction experiments on Zn at low temperature. <i>Journal of Physics Condensed Matter</i> , <b>2002</b> , 14, 10563-10568	1.8	7
52	High-Pressure Transformations and Ionic Conductivity in Low-Z Complex Hydride LiBH <sub>4</sub> . <i>Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu</i> , <b>2011</b> , 21, 213-220	0	7
51	High-pressure structural study of solid mercury up to 200 GPa. <i>Materials Research Express</i> , <b>2015</b> , 2, 016502	0.7	6
50	High-pressure phase diagram of O <sub>2</sub> and N <sub>2</sub> binary system: formation of kagome-lattice of O <sub>2</sub> . <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 500, 182001	0.3	6
49	Using X-ray diffraction to study thermal phase transitions in Cs <sub>5</sub> H <sub>3</sub> (SO <sub>4</sub> ) <sub>4</sub> ·xH <sub>2</sub> O. <i>Solid State Ionics</i> , <b>2007</b> , 178, 1262-1267	3.3	6
48	Vibrational spectra of CsHSO <sub>4</sub> at high pressure and high temperature. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	6
47	Shock and Static Compression of Nitrobenzene. <i>Japanese Journal of Applied Physics</i> , <b>2000</b> , 39, 4875-4880	1.4	6
46	Phase boundaries and molar volumes of high-temperature and high-pressure phase V of LiBH <sub>4</sub> . <i>Journal of Physics and Chemistry of Solids</i> , <b>2015</b> , 76, 40-44	3.9	5
45	Synthesis and Superconductivity of a Strontium Digermanide SrGe with ThSi Structure. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 8590-8595	5.1	5
44	Na-Au intermetallic compounds formed under high pressure at room temperature. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	5
43	Vibrational and structural study in phase I of Rb <sub>3</sub> H(SO <sub>4</sub> ) <sub>2</sub> . <i>Physica B: Condensed Matter</i> , <b>2010</b> , 405, 291-295	2.5	5
42	Powder X-ray diffraction study of the volume change of ice VIII under high pressure. <i>Physica B: Condensed Matter</i> , <b>2004</b> , 344, 260-264	2.8	5

41	Rietveld analysis of high-pressure phase of praseodymium. <i>AIP Conference Proceedings</i> , <b>1994</b> ,	0	5
40	Superconductivity induced by Mg deficiency in noncentrosymmetric phosphide Mg <sub>2</sub> Rh <sub>3</sub> P. <i>Physical Review Materials</i> , <b>2019</b> , 3,	3.2	5
39	Structural Phase Transitions and Superconductivity Induced in Antiperovskite Phosphide CaPdP. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 12397-12403	5.1	5
38	Phase Transition of a Structure II Cubic Clathrate Hydrate to a Tetragonal Form. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 9433-9437	3.6	5
37	Coexistence of a metastable double hcp phase in bccfcc structure transition of Te under high pressure. <i>Japanese Journal of Applied Physics</i> , <b>2018</b> , 57, 025601	1.4	5
36	Thermal Decomposition of Pentaerythritol Tetranitrate under Static High Pressure. <i>Propellants, Explosives, Pyrotechnics</i> , <b>2013</b> , 38, 394-398	1.7	4
35	Phase-Contrast X-ray Images of Ice and Water on Carbon Paper for Fuel Cells Measured by Diffraction-Enhanced Imaging Technique. <i>Japanese Journal of Applied Physics</i> , <b>2013</b> , 52, 048002	1.4	4
34	Phase transition analysis of 5-aminotetrazole from room temperature to the melting point. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 12572-6	3.4	4
33	Observation of Dihydrogen Bonds in High-Pressure Phases of Ammonia Borane by X-ray and Neutron Diffraction Measurements. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 3065-3073	5.1	4
32	Phase stability and magnetic behavior of hexagonal phase of N <sub>2</sub> O <sub>2</sub> system with kagome lattice under high pressure and low temperature. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	3
31	Fe-Based Superconductors of (LnNa)FeAs (Ln = Ce, Pr). <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 9223-9229	5.1	3
30	Superconductivity in a Scandium Borocarbide with a Layered Crystal Structure. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 15629-15636	5.1	3
29	Changes in structure and proton conductivity at IIII phase transition of Rb <sub>3</sub> H(SO <sub>4</sub> ) <sub>2</sub> . <i>Solid State Ionics</i> , <b>2010</b> , 181, 567-571	3.3	3
28	Incommensurately Modulated Phase of Iodine Under High Pressure. <i>Ferroelectrics</i> , <b>2004</b> , 305, 103-106	0.6	3
27	Structure of intermediate phase II of LiNH <sub>2</sub> under high pressure. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 9991-6	3.4	2
26	Crystal Structure of High-Pressure Phases V and VI of Potassium Dihydrogen Phosphate. <i>Journal of the Physical Society of Japan</i> , <b>2012</b> , 81, 064706	1.5	2
25	Hexaaquazinc(II) dipicrate trihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2007</b> , 63, m423-6		2
24	Structure analysis of mutually incommensurate composite crystal (Ca <sub>0.5</sub> Y <sub>0.5</sub> ) <sub>0.80</sub> CuO <sub>2</sub> . <i>Journal of Alloys and Compounds</i> , <b>2006</b> , 408-412, 1226-1229	5.7	2

23	High-pressure spectroscopic measurement on diffusion with a diamond-anvil cell. <i>Review of Scientific Instruments</i> , <b>2003</b> , 74, 2472-2476	1.7	2
22	High-pressure structures of methane hydrate. <i>Journal of Physics Condensed Matter</i> , <b>2002</b> , 14, 11443-11448	1.8	2
21	Superconductivity of centrosymmetric and non-centrosymmetric phases in antiperovskite (Ca,Sr)Pd <sub>3</sub> P. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 882, 160733	5.7	2
20	Relation between O <sub>8</sub> cluster shape and vibrational spectra in the $\epsilon$ phase of solid oxygen. <i>Japanese Journal of Applied Physics</i> , <b>2019</b> , 58, 095502	1.4	1
19	Infrared study of proton-deuteron mutual diffusion in a CsHSO <sub>4</sub> /CsDSO <sub>4</sub> solid under high pressure. <i>Physica B: Condensed Matter</i> , <b>2008</b> , 403, 2643-2648	2.8	1
18	The structural representation and properties of mutually incommensurate composite crystal (BiS) <sub>x</sub> TS <sub>2</sub> (T = Ti, V, Nb and Ta). <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2006</b> , 203, 2852-2855	1.6	1
17	Infrared study on crystalline and amorphous phases of 2-propyn-1-ol under high pressure. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 369, 44-50	2.8	1
16	Pressure-induced phase transition in C <sub>6</sub> O <sub>2</sub> I <sub>4</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2002</b> , 14, 10415-10418	1.8	1
15	Beryllium polyhydride Be <sub>4</sub> H <sub>8</sub> (H <sub>2</sub> ) <sub>2</sub> synthesized at high pressure and temperature. <i>Physical Review Materials</i> , <b>2020</b> , 4,	3.2	1
14	Antiperovskite Superconductor LaPdP with Noncentrosymmetric Cubic Structure. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 18017-18023	5.1	1
13	Calcium-free double-layered cuprate superconductors with critical temperature above 100 K. <i>Communications Materials</i> , <b>2021</b> , 2,	6	1
12	Proton Diffusion in High Pressure Ice. <i>High Pressure Research</i> , <b>2002</b> , 22, 9-11	1.6	0
11	Experimental and Computational Determination of Optimal Boron Content in Layered Superconductor ScCBC. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 14290-14295	5.1	0
10	Mixed-valence state and structure changes of EuH ( $x = 2$ and $2$ ). <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 865, 158637	5.7	0
9	Superconductivity in a 122-type Fe-based compound (La,Na,K)FeAs. <i>Scientific Reports</i> , <b>2018</b> , 8, 16827	4.9	0
8	Phase changes in lithium amide-borohydride complexes under high pressure. <i>Solid State Ionics</i> , <b>2014</b> , 262, 490-494	3.3	
7	Single composite crystal structure analysis of incommensurate spin-ladder compound Sr <sub>2.5</sub> Ca <sub>11.5</sub> Cu <sub>24</sub> O <sub>41</sub> . <i>Physica C: Superconductivity and Its Applications</i> , <b>2010</b> , 470, S219-S220	1.3	
6	Comparative Study on Pressure-Induced Structural Changes between C <sub>6</sub> O <sub>2</sub> I <sub>4</sub> and C <sub>6</sub> I <sub>6</sub> . <i>High Pressure Research</i> , <b>2002</b> , 22, 415-419	1.6	



- 5 Solving Crystal Structures Under High Pressure by Powder X-Ray Diffraction Experiments. *Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu*, **2018**, 28, 123-130 0
- 4 Synthesis PbFCl-Type Mixed Anion APX(A=Hf, X=S, Se) Superconductors Related with Topological Materials by High-Pressure Technique. *Materials Science Forum*, 1016, 708-714 0.4
- 3 Reinvestigation of Crystal Structures of Hydrogen Sulfide under High Pressure. *Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu*, **2018**, 28, 260-267 0
- 2 Infrared spectra of the  $\beta$  and  $\beta'$  phases of oleic acid under high pressure. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2022**, 265, 120290 4.4
- 1 Posttreatment Effects on the Crystal Structure and Superconductivity of Ca-Free Double-Layered Cuprate  $\text{Sr}_2\text{SrCu}_2\text{O}_{4+y}\text{F}_2$ . *Chemistry of Materials*, **2021**, 33, 9690-9697 9.6