

Jing Liu

List of Publications by Year in descending order

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184
papers

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145106

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184
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184
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184
times ranked

5969
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-bio interactions: A major principle in the dynamic biological processes of nano-assemblies. <i>Advanced Drug Delivery Reviews</i> , 2022, 186, 114318.	6.6	11
2	Orbital driven two-dome superconducting phases in multiorbital superconductors. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 391, 127118.	0.9	0
3	Anomalous lattice stiffening in tungsten tetraboride solid solutions with manganese under compression. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 165702.	0.7	2
4	Phase transitions in bismuth under rapid compression. <i>Chinese Physics B</i> , 2019, 28, 036201.	0.7	2
5	High-Pressure Phase Transitions of Cubic Y_2O_3 under High Pressures by In-situ Synchrotron X-Ray Diffraction. <i>Chinese Physics Letters</i> , 2019, 36, 046103.	1.3	10
6	Experimental observations of large changes in electron density distributions in $^{\text{121}}\text{Ge}$. <i>Physical Review B</i> , 2019, 100, .	1.1	3
7	Anomalous compression behaviour in Nd_2O_3 studied by x-ray diffraction and Raman spectroscopy. <i>AIP Advances</i> , 2018, 8, .	0.6	19
8	Structural phase transition, strength, and texture in vanadium at high pressure under nonhydrostatic compression. <i>Chinese Physics B</i> , 2018, 27, 036101.	0.7	5
9	A convenient dynamic loading device for studying kinetics of phase transitions and metastable phases using symmetric diamond anvil cells. <i>High Pressure Research</i> , 2018, 38, 32-40.	0.4	4
10	Quantification of Nanomaterial/Nanomedicine Trafficking in Vivo. <i>Analytical Chemistry</i> , 2018, 90, 589-614.	3.2	85
11	Radial X-ray diffraction study of the static strength and texture of tungsten to 96 GPa. <i>Solid State Communications</i> , 2018, 269, 83-89.	0.9	6
12	Compression behavior and phase transition of Si_3N_4 under high pressure. <i>Chinese Physics B</i> , 2018, 27, 056101.	0.7	3
13	Pressure-induced melting of magnetic order and emergence of a new quantum state in $^{\text{121}}\text{RuCl}_3$. <i>Physical Review B</i> , 2018, 97, .	1.1	43
14	Hardness and compression behavior of niobium carbide. <i>High Pressure Research</i> , 2017, 37, 244-255.	0.4	8
15	Strength and equation of state of molybdenum triboride under 80 GPa pressure, using radial X-ray diffraction. <i>High Pressure Research</i> , 2017, 37, 334-344.	0.4	2
16	Structural stability of ultra-high temperature refractory material MoSi_2 and Mo_5Si_3 under high pressure. <i>Chinese Physics B</i> , 2017, 26, 053101.	0.7	11
17	Phase stability and incompressibility of tungsten boride (WB) researched by in-situ high pressure x-ray diffraction. <i>Physica B: Condensed Matter</i> , 2017, 521, 6-12.	1.3	19
18	Anomalous compression behavior of $^{\text{141}}\text{nm}$ nanocrystalline TiO_2 . <i>Journal of Applied Physics</i> , 2017, 121, .	1.1	5

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19	A high-pressure single-crystal-diffraction experimental system at 4W2 beamline of BSRF. Journal of Synchrotron Radiation, 2017, 24, 699-706.	1.0	2
20	Near infrared light triggered nitric oxide releasing platform based on upconversion nanoparticles for synergistic therapy of cancer stem-like cells. Science Bulletin, 2017, 62, 985-996.	4.3	45
21	Electron-hole balance and the anomalous pressure-dependent superconductivity in black phosphorus. Physical Review B, 2017, 96, .	1.1	37
22	Radial X-Ray Diffraction Study of Static Strength of Tantalum to 80 GPa. Chinese Physics Letters, 2017, 34, 106101.	1.3	1
23	High pressure x-ray diffraction techniques with synchrotron radiation. Chinese Physics B, 2016, 25, 076106.	0.7	14
24	High-pressure behavior of bromine confined in the one-dimensional channels of zeolite AlPO4-5 single crystals. Journal of Chemical Physics, 2016, 145, 124319.	1.2	7
25	Pressure-induced metallization and amorphization in VO_2 . Physical Review B, 2016, 93, .	1.1	20
26	Rapid Degradation and High Renal Clearance of Cu_3BiS_3 Nanodots for Efficient Cancer Diagnosis and Photothermal Therapy <i>in Vivo</i> . ACS Nano, 2016, 10, 4587-4598.	7.3	173
27	Phase Transition for Zinc Sulfide Nanosheets under High Pressure. Journal of Physical Chemistry C, 2016, 120, 781-785.	1.5	9
28	Successive disorder to disorder phase transitions in ionic liquid [HMIM][BF4] under high pressure. Journal of Molecular Structure, 2016, 1106, 70-75.	1.8	11
29	Breakdown of three-dimensional order-disorder state in pressurized Cd_3As_2 . Physical Review B, 2015, 92, .	1.1	41
30	Pressure-induced quantum phase transitions in Yb_6B single crystal. Physical Review B, 2015, 92, .	1.1	26
31	Insertion of N_2 into the Channels of AFI Zeolite under High Pressure. Scientific Reports, 2015, 5, 13234.	1.6	12
32	Pressure-induced changes in the electron density distribution in Ge near the $\text{I}^{\pm}\text{-I}^2$ transition. Applied Physics Letters, 2015, 107, 072109.	1.5	16
33	High pressure synthesis of amorphous TiO_2 nanotubes. AIP Advances, 2015, 5, 097128.	0.6	13
34	Selected Reactive Sites Tuned by High Pressure: Oligomerization of Solid-State Cyanamide. Journal of Physical Chemistry C, 2015, 119, 12801-12807.	1.5	6
35	Use of Synchrotron Radiation-Analytical Techniques To Reveal Chemical Origin of Silver-Nanoparticle Cytotoxicity. ACS Nano, 2015, 9, 6532-6547.	7.3	246
36	Combined Raman Scattering and X-ray Diffraction Study of Phase Transition of the Ionic Liquid [BMIM][TFSI] Under High Pressure. Journal of Solution Chemistry, 2015, 44, 2106-2116.	0.6	18

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37	High-Pressure Phase Transitions of PbTe Using the First-Principles Calculations. Chinese Physics Letters, 2015, 32, 016101.	1.3	3
38	Structural transition behavior of ZnS nanotetrapods under high pressure. High Pressure Research, 2015, 35, 9-15.	0.4	9
39	Structural and magnetic transition in stainless steel Fe-21Cr-6Ni-9Mn up to 250 GPa. Chinese Physics B, 2015, 24, 066103.	0.7	3
40	Pressure-Induced Phase Transformations of Zircon-Type LaVO ₄ Nanorods. Journal of Physical Chemistry C, 2015, 119, 8364-8372.	1.5	31
41	P-V-T equation of state of Ca ₃ Cr ₂ Si ₃ O ₁₂ uvarovite garnet by using a diamond-anvil cell and in-situ synchrotron X-ray diffraction. American Mineralogist, 2015, 100, 588-597.	0.9	10
42	Structural phase transitions of tellurium nanoplates under pressure. Chinese Physics B, 2015, 24, 036401.	0.7	2
43	Discovery of High-Pressure Polymorphs for a Typical Polymorphic System: Oxalyl Dihydrazide. Journal of Physical Chemistry C, 2015, 119, 10178-10188.	1.5	15
44	Emergence of double-dome superconductivity in ammoniated metal-doped FeSe. Scientific Reports, 2015, 5, 9477.	1.6	39
45	Correlation between intercalated magnetic layers and superconductivity in pressurized EuFe ₂ (As _{0.81} P _{0.19}) ₂ . Europhysics Letters, 2015, 111, 57007.	0.7	4
46	Gadolinium(III)-Chelated Silica Nanospheres Integrating Chemotherapy and Photothermal Therapy for Cancer Treatment and Magnetic Resonance Imaging. ACS Applied Materials & Interfaces, 2015, 7, 25014-25023.	4.0	70
47	Diamond- <i>c</i> /BN alloy: A universal cutting material. Applied Physics Letters, 2015, 107, .	1.5	28
48	Strength of tungsten triboride under pressure up to 86 GPa from radial X-ray diffraction. Journal of Alloys and Compounds, 2015, 621, 116-120.	2.8	7
49	Radial X-ray diffraction study of the static strength and equation of state of MoB ₂ to 85 GPa. Journal of Alloys and Compounds, 2015, 623, 442-446.	2.8	7
50	P-V-T equation of state of spessartine- <i>almandine</i> solid solution measured using a diamond anvil cell and in situ synchrotron X-ray diffraction. Physics and Chemistry of Minerals, 2015, 42, 63-72.	0.3	9
51	Exploring the behavior of molybdenum diboride (MoB ₂): A high pressure x-ray diffraction study. Journal of Applied Physics, 2014, 115, .	1.1	17
52	Structure determination of the intermediate phase of PbSe using experiments and calculations. Journal of Applied Physics, 2014, 116, 053502.	1.1	3
53	High-pressure x-ray diffraction study of YBO ₃ /Eu ³⁺ , GdBO ₃ , and EuBO ₃ : Pressure-induced amorphization in GdBO ₃ . Journal of Applied Physics, 2014, 115, .	1.1	14
54	Pressure-induced amorphization in orthorhombic Ta ₂ O ₅ : An intrinsic character of crystal. Journal of Applied Physics, 2014, 115, .	1.1	9

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55	Effect of pressure on heterocyclic compounds: Pyrimidine and s-triazine. Journal of Chemical Physics, 2014, 141, 114902.	1.2	15
56	Structure determination of the high-pressure phase of CdSe. Journal of Applied Physics, 2014, 115, 223507.	1.1	10
57	Role of the 245 phase in alkaline iron selenide superconductors revealed by high-pressure studies. Physical Review B, 2014, 89, .	1.1	31
58	Experimental and theoretical investigations on high-pressure phase transition of Sr ₂ Fe ₂ O ₅ . Physics and Chemistry of Minerals, 2014, 41, 449-459.	0.3	6
59	Structural phase transition of BaZrO ₃ under high pressure. Journal of Applied Physics, 2014, 115, .	1.1	26
60	Compressibility of a natural smithsonite ZnCO ₃ up to 50 GPa. High Pressure Research, 2014, 34, 89-99.	0.4	22
61	Compression behavior of nanocrystalline TiN. Solid State Communications, 2014, 182, 26-29.	0.9	7
62	Pressure transmitting medium-dependent structure stability of nanoanatase TiO ₂ under high pressure. High Pressure Research, 2014, 34, 259-265.	0.4	7
63	Strength and equation of state of NaCl from radial x-ray diffraction. Journal of Applied Physics, 2014, 115, .	1.1	11
64	Anomalous pressure-induced phase transformation in nano-crystalline erbium sesquioxide (Er ₂ O ₃): partial amorphization under compression. High Pressure Research, 2014, 34, 70-77.	0.4	10
65	High-Pressure-Induced Reversible Phase Transition in Sulfamide. Journal of Physical Chemistry C, 2014, 118, 18640-18645.	1.5	18
66	A novel pressure-induced phase transition in CaZrO ₃ . CrystEngComm, 2014, 16, 4441.	1.3	13
67	Structural Phase Transition and Photoluminescence Properties of YF ₃ :Eu ³⁺ Nanocrystals under High Pressure. Journal of Physical Chemistry C, 2014, 118, 22739-22745.	1.5	29
68	Pure Hexagonal Phase of EuF ₃ Modulated by High Pressure. Journal of Physical Chemistry C, 2014, 118, 7562-7568.	1.5	12
69	P-V-T equation of state of molybdenite (MoS ₂) by a diamond anvil cell and in situ synchrotron angle-dispersive X-ray diffraction. Physica B: Condensed Matter, 2014, 451, 53-57.	1.3	8
70	High-Pressure-Induced Polymorphic Transformation of Maleic Hydrazide. Journal of Physical Chemistry C, 2014, 118, 8122-8127.	1.5	29
71	Pressure-Induced Phase Transition in Hydrogen-Bonded Supramolecular Structure: Ammonium Formate. Journal of Physical Chemistry C, 2014, 118, 8521-8530.	1.5	15
72	Equation of state of adamite up to 11 GPa: a synchrotron X-ray diffraction study. Physics and Chemistry of Minerals, 2014, 41, 547-554.	0.3	5

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73	Exploration of the Hydrogen-Bonded Energetic Material Carbohydrazide at High Pressures. <i>Journal of Physical Chemistry C</i> , 2014, 118, 22960-22967.	1.5	36
74	High-Pressure Studies of Abnormal Guest-Dependent Expansion in $\{[\text{Cu}(\text{CO})_3]_2\}(\text{CH}_6\text{N}_3)_2$. <i>Journal of Physical Chemistry C</i> , 2014, 118, 5848-5853.	1.5	21
75	New Assembly of Acetamidinium Nitrate Modulated by High Pressure. <i>Journal of Physical Chemistry C</i> , 2014, 118, 23443-23450.	1.5	10
76	Unusual Compression Behavior of Nanocrystalline CeO ₂ . <i>Scientific Reports</i> , 2014, 4, 4441.	1.6	21
77	Structural transformations in cubic Dy ₂ O ₃ at high pressures. <i>Solid State Communications</i> , 2013, 169, 37-41.	0.9	29
78	Pressure-Induced Amorphization in Gd ₂ O ₃ /Er ³⁺ Nanorods. <i>Journal of Physical Chemistry C</i> , 2013, 117, 8503-8508.	1.5	18
79	Pressure effect on structural and vibrational properties of Y-substituted BiFeO ₃ . <i>Journal of Physics Condensed Matter</i> , 2013, 25, 365401.	0.7	5
80	An experimental study on SrB ₄ O ₇ :Sm ²⁺ as a pressure sensor. <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	35
81	Phase transitions in PbTe under quasi-hydrostatic pressure up to 50 GPa. <i>High Pressure Research</i> , 2013, 33, 713-719.	0.4	14
82	Structural transition of BaF ₂ nanocrystals under high pressure. <i>Chinese Physics C</i> , 2013, 37, 088001.	1.5	4
83	High-Pressure Stability and Compressibility of Zircon-Type YV ₂ P ₂ O ₄ :Eu ³⁺ Solid-Solution Nanoparticles: An X-ray Diffraction and Raman Spectroscopy Study. <i>Journal of Physical Chemistry C</i> , 2013, 117, 18603-18612.	1.5	10
84	Structural and vibrational properties of phenanthrene under pressure. <i>Journal of Chemical Physics</i> , 2013, 139, 104302.	1.2	24
85	Structural phase transition and photoluminescence properties of YF ₃ and YF ₃ :Eu ³⁺ under high pressure. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 19925.	1.3	32
86	Pressure-Induced Irreversible Phase Transition in the Energetic Material Urea Nitrate: Combined Raman Scattering and X-ray Diffraction Study. <i>Journal of Physical Chemistry C</i> , 2013, 117, 152-159.	1.5	39
87	Structural stability and Raman scattering of CoPt and NiPt hollow nanospheres under high pressure. <i>Progress in Natural Science: Materials International</i> , 2013, 23, 382-387.	1.8	7
88	Pressure-induced structural and vibrational evolution in ferroelectric RInO ₃ (R=Eu, Gd, Dy). <i>Solid State Communications</i> , 2013, 173, 51-55.	0.9	10
89	Indexing of multi-particle diffraction data in a high-pressure single-crystal diffraction experiment. <i>Journal of Applied Crystallography</i> , 2013, 46, 387-390.	1.9	5
90	Garnet-to-Perovskite Transition in Gd ₃ Sc ₂ Ga ₃ O ₁₂ at High Pressure and High Temperature. <i>Inorganic Chemistry</i> , 2013, 52, 431-434.	1.9	10

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91	Temperature and pressure effects of multiferroic Bi ₂ NiTiO ₆ compound. Journal of Applied Physics, 2013, 113, .	1.1	11
92	Morphology-Tuned Phase Transitions of Anatase TiO ₂ Nanowires under High Pressure. Journal of Physical Chemistry C, 2013, 117, 8516-8521.	1.5	45
93	Stabilization of 9/10-Fold Structure in Bismuth Selenide at High Pressures. Journal of Physical Chemistry C, 2013, 117, 10045-10050.	1.5	43
94	Pressure-induced structural phase transition and equation of state of LiTaO ₃ . Journal of Physics Condensed Matter, 2013, 25, 215401.	0.7	4
95	High-Pressure Behaviors of SrF ₂ Nanocrystals with Two Morphologies. Journal of Physical Chemistry C, 2013, 117, 615-619.	1.5	15
96	Cubic perovskite polymorph of strontium metasilicate at high pressures. American Mineralogist, 2013, 98, 2096-2104.	0.9	19
97	Phase transformations and vibrational properties of coronene under pressure. Journal of Chemical Physics, 2013, 139, 144308.	1.2	35
98	Pressure-induced isostructural phase transition in Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} . Chinese Physics C, 2013, 37, 088003.	1.5	4
99	Study of high pressure structural stability of CeO ₂ nanoparticles. Chinese Physics C, 2013, 37, 098003.	1.5	12
100	Suppression of Bragg reflection glitches of a single-crystal diamond anvil cell by a polycapillary half-lens in high-pressure XAFS spectroscopy. Journal of Synchrotron Radiation, 2013, 20, 243-248.	1.0	20
101	Radial x-ray diffraction of tungsten tetraboride to 86â€‰%GPa under nonhydrostatic compression. Journal of Applied Physics, 2013, 113, 033507.	1.1	23
102	High pressure-induced phase transitions in CdS up to 1 Mbar. Journal of Applied Physics, 2013, 113, .	1.1	11
103	High-pressure synthesis and in-situ high pressure x-ray diffraction study of cadmium tetraphosphide. Journal of Applied Physics, 2013, 113, 053507.	1.1	5
104	Pressure effect on structural and vibrational properties of Sm-substituted BiFeO ₃ . Journal of Applied Physics, 2013, 114, 154110.	1.1	15
105	High-pressure x-ray diffraction and Raman spectroscopy of phase transitions in Sm ₂ O ₃ . Journal of Applied Physics, 2013, 113, .	1.1	51
106	Pressure-induced phase transitions of multiferroic BiFeO ₃ . Chinese Physics C, 2013, 37, 128001.	1.5	5
107	A high-pressure study of PbCO ₃ by XRD and Raman spectroscopy. Chinese Physics C, 2013, 37, 038001.	1.5	13
108	Pressure-induced isosymmetric phase transition in sulfamic acid: A combined Raman and x-ray diffraction study. Journal of Chemical Physics, 2013, 138, 214505.	1.2	29

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109	High pressure phase transition of ZnO/SiO ₂ core/shell nanospheres. Journal of Applied Physics, 2013, 113, 054314.	1.1	5
110	Pressure-induced phase transitions in single-crystalline Cu ₄ Bi ₄ S ₉ nanoribbons. Chinese Physics B, 2013, 22, 116201.	0.7	2
111	Compressive behaviors of bcc bismuth up to 55 GPa. Physica Status Solidi (B): Basic Research, 2013, 250, 1398-1403.	0.7	8
112	Compression studies of face-to-face π -stacking interaction in sodium squarate salts: Na ₂ C ₄ O ₄ and Na ₂ C ₄ O ₄ ·3H ₂ O. Journal of Chemical Physics, 2012, 137, 184905.	1.2	11
113	The structural stability of AlPO ₄₋₅ zeolite under pressure: Effect of the pressure transmission medium. Journal of Applied Physics, 2012, 111, .	1.1	14
114	Strength and equation of state of fluorite phase CeO ₂ under high pressure. Journal of Applied Physics, 2012, 112, .	1.1	12
115	Exploration of the Pyrazinamide Polymorphism at High Pressure. Journal of Physical Chemistry B, 2012, 116, 14441-14450.	1.2	44
116	Phase transformation in hexagonal ErMnO ₃ under high pressure. Journal of Applied Physics, 2012, 112, 113512.	1.1	13
117	High-Pressure and High-Temperature <i>in situ</i> X-Ray Diffraction Study of FeP ₂ up to 70 GPa. Chinese Physics Letters, 2012, 29, 026102.	1.3	8
118	Effect of Grain Size on Pressure-Induced Structural Transition in Mn ₃ O ₄ . Journal of Physical Chemistry C, 2012, 116, 2165-2171.	1.5	41
119	Stability and phase transition of nanoporous rutile TiO ₂ under high pressure. RSC Advances, 2012, 2, 9052.	1.7	19
120	High pressure structural study of β -Ti ₃ O ₅ : X-ray diffraction and Raman spectroscopy. Journal of Solid State Chemistry, 2012, 192, 356-359.	1.4	31
121	Synthesis and high-pressure transformation of metastable wurtzite-structured CuGaS ₂ nanocrystals. Nanoscale, 2012, 4, 7443.	2.8	38
122	Effect of High Pressure on the Typical Supramolecular Structure of Guanidinium Methanesulfonate. Journal of Physical Chemistry B, 2012, 116, 3092-3098.	1.2	27
123	A re-investigation on pressure-induced phase transition of Mg ₂ Si. Solid State Communications, 2012, 152, 2160-2164.	0.9	14
124	Determinations of the high-pressure crystal structures of Sb ₂ Te ₃ . Journal of Physics Condensed Matter, 2012, 24, 475403.	0.7	42
125	A new cubic perovskite in PbGeO ₃ at high pressures. American Mineralogist, 2012, 97, 1193-1198.	0.9	11
126	Elastic properties study of single crystal NH ₃ up to 26 GPa. Journal of Raman Spectroscopy, 2012, 43, 526-531.	1.2	6

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127	Pressure-induced structural change in orthorhombic perovskite GdMnO_3 . Journal of Physics Condensed Matter, 2012, 24, 115402.	0.7	24
128	Phase transformation of Ho_2O_3 at high pressure. Journal of Applied Physics, 2011, 110, .	1.1	36
129	Structural Properties and Halogen Bonds of Cyanuric Chloride under High Pressure. Journal of Physical Chemistry B, 2011, 115, 4639-4644.	1.2	21
130	The Study of Structural Transition of ZnS Nanorods under High Pressure. Journal of Physical Chemistry C, 2011, 115, 357-361.	1.5	28
131	High-Pressure Studies on CeO_2 Nano-Octahedrons with a (111)-Terminated Surface. Journal of Physical Chemistry C, 2011, 115, 4546-4551.	1.5	34
132	Stable structure of $\text{Zr}_{49}\text{Cu}_{44}\text{Al}_7$ metallic glass matrix composite with CuZr phase under high pressure up to 40.8 GPa. Science Bulletin, 2011, 56, 372-375.	1.7	3
133	Synthesis of boron-doped diamond with laser heated diamond anvil cell. Science Bulletin, 2011, 56, 1336-1339.	1.7	1
134	X-ray diffraction of cubic $\text{Gd}_2\text{O}_3/\text{Er}$ under high pressure. Physica Status Solidi (B): Basic Research, 2011, 248, 1123-1127.	0.7	18
135	The structural transition behavior of CdSe/ZnS core/shell quantum dots under high pressure. Physica Status Solidi (B): Basic Research, 2011, 248, 1149-1153.	0.7	14
136	High Pressure X-Ray Diffraction Study of a Grossular-Andradite Solid Solution and the Bulk Modulus Variation along this Solid Solution. Chinese Physics Letters, 2011, 28, 076101.	1.3	9
137	Low-compressibility of tungsten tetraboride: a high pressure X-ray diffraction study. High Pressure Research, 2011, 31, 275-282.	0.4	40
138	Large volume collapse observed in the phase transition in cubic PbCrO_3 perovskite. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14026-14029.	3.3	68
139	Pressure-induced competition between superconductivity and Kondo effect in $\text{CeFeAsO}_{1-x}\text{F}_x$ ($x=0.16$ and 0.3). Europhysics Letters, 2010, 91, 57008.	0.7	18
140	Exploring Intertrimer $\text{Cu}\cdots\text{Cu}$ Interactions and Further Phosphorescent Properties of Aryl Trimer Copper(I) Pyrazolates via Substituent Changing and External Pressure. Inorganic Chemistry, 2010, 49, 1658-1666.	1.9	52
141	Pressure-Induced Phase Transition in Hydrogen-Bonded Supramolecular Structure: Guanidinium Nitrate. Journal of Physical Chemistry B, 2010, 114, 6765-6769.	1.2	33
142	Pressure-induced phase transition in cubic Lu_2O_3 . Journal of Applied Physics, 2010, 108, .	1.1	39
143	<i>Ab initio</i> thermodynamics beyond the quasiharmonic approximation: W as a prototype. Physical Review B, 2010, 81, .	1.1	20
144	Valence change of europium in EuFe_2 compressed. Physical Review B, 2010, 82, .	1.1	33

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145	Pressure-induced lattice collapse in the tetragonal phase of single-crystalline FeMn_2O_7 . Physical Review B, 2009, 80, .	1.1	29
146	The thermal equation of state of $(\text{Fe}_{0.86}\text{Mg}_{0.07}\text{Mn}_{0.07})_3\text{Al}_2\text{Si}_3\text{O}_{12}$ almandine. Mineralogical Magazine, 2009, 73, 95-102.	1.1	12
147	Pressure-induced phase transformations in cubic Gd_2O_3 . Journal of Applied Physics, 2009, 106, .	1.1	40
148	X-ray diffraction studies and equation of state of methane at 202GPa. Chemical Physics Letters, 2009, 473, 72-74.	1.2	43
149	Structural Phase Transformations of Mg_3N_2 at High Pressure: Experimental and Theoretical Studies. Inorganic Chemistry, 2009, 48, 9737-9741.	1.9	23
150	Pressure-Induced Phase Transition in Hydrogen-Bonded Supramolecular Adduct Formed by Cyanuric Acid and Melamine. Journal of Physical Chemistry B, 2009, 113, 14719-14724.	1.2	52
151	Thermal equation of state of natural chromium spinel up to 26.8 GPa and 628 K. Journal of Materials Science, 2008, 43, 5546-5550.	1.7	16
152	High pressure effects on the crystal structure and electric conductivity of perovskite like $(\text{Ca/Sr})_2\text{CuO}_2\text{Cl}_2$ compounds. Science Bulletin, 2008, 53, 2739-2742.	4.3	3
153	Pressure-Induced Phase Transitions on a Liquid Crystalline Europium(III) Complex. Journal of Physical Chemistry B, 2008, 112, 5291-5295.	1.2	5
154	Photoacoustic and Fluorescence Spectroscopy of Metallomesogens Containing Lanthanide Ions. Chinese Journal of Chemical Physics, 2008, 21, 99-104.	0.6	1
155	In situ HPHT resistance measurement of $(\text{Fe}_{0.125}\text{Mg}_{0.875})_2\text{SiO}_4$ in a designed laser heated diamond anvil cell. Journal of Physics Condensed Matter, 2007, 19, 425210.	0.7	1
156	Electrical conductivity measurements of B^{12} -boron under high pressure and temperature. Journal of Physics Condensed Matter, 2007, 19, 425216.	0.7	2
157	<i>In situ</i> electrical impedance spectroscopy under high pressure on diamond anvil cell. Applied Physics Letters, 2007, 91, .	1.5	29
158	In situ electrical conductivity measurement of high-pressure molten $(\text{Mg}_{0.875}\text{Fe}_{0.125})_2\text{SiO}_4$. Applied Physics Letters, 2007, 90, 113507.	1.5	27
159	Equation of state and structural studies of $\text{Na}_{0.5}\text{CoO}_2$ under high pressure. Journal of Physics Condensed Matter, 2007, 19, 425238.	0.7	1
160	The effects of high temperature on the high-pressure behavior of CeO_2 . Journal of Physics Condensed Matter, 2007, 19, 425213.	0.7	10
161	Compression behavior and equation of state of $\text{Ni}_{77}\text{P}_{23}$ amorphous alloy. Science Bulletin, 2007, 52, 440-443.	1.7	2
162	Fracture-related intracrystalline transformation of olivine to ringwoodite in the shocked Sixiangkou meteorite. Meteoritics and Planetary Science, 2006, 41, 731-737.	0.7	25

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163	New diamond anvil cell system for in situ resistance measurement under extreme conditions. Review of Scientific Instruments, 2006, 77, 123902.	0.6	28
164	Exploring pressure-induced phase transitions of C ₃ N ₄ with graphite structure by electrical resistance measurements. Carbon, 2005, 43, 1108-1110.	5.4	6
165	Pressure-induced phase transformation in controlled shape ZnO nanorods. Solid State Communications, 2005, 135, 780-784.	0.9	32
166	Integrated microcircuit on a diamond anvil for high-pressure electrical resistivity measurement. Applied Physics Letters, 2005, 86, 064104.	1.5	76
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