

Pressure Dependence of Infrared Eigenfrequencies of K

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Raman spectrum of ammonium chloride at high pressures. <i>Chemical Physics Letters</i> , 1969, 3, 480-483.	2.6	25
2	Shell Model Calculation of Microscopic Gr ^{1/4} neisen Parameters for Rocksalt-type Materials. <i>Physica Status Solidi (B): Basic Research</i> , 1969, 35, 881-892.	1.5	31
3	Temperature dependence of the damping of the lattice resonance of alkali halides. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1969, 29, 111-112.	2.1	8
4	Pressure-Induced Phonon Frequency Shifts Measured by Raman Scattering. <i>Physical Review</i> , 1969, 186, 942-944.	2.7	266
5	Far-Infrared Spectra of Inorganic Nitrate and Chloride Glasses, Liquids, and Crystals: Complex Ions or Optical Phonons?. <i>Journal of Chemical Physics</i> , 1969, 51, 4519-4530.	3.0	37
6	Pressure dependence of the optical properties of alkali halide crystals. <i>Philosophical Magazine and Journal</i> , 1969, 20, 619-628.	1.7	38
7	Influence of Lattice Anharmonicity on the Longitudinal Optic Modes of Cubic Ionic Solids. <i>Physical Review B</i> , 1970, 1, 2754-2763.	3.2	113
8	Lattice Dynamics, Mode Gr ^{1/4} neisen Parameters, and Coefficient of Thermal Expansion of CsCl, CsBr, and CsI. <i>Physical Review B</i> , 1970, 2, 2167-2175.	3.2	40
9	Compressibility and polymorphism of the elements. <i>Physica Status Solidi (B): Basic Research</i> , 1970, 42, 681-686.	1.5	8
10	Pressure Dependence of the Infrared-Active Phonons in the Mixed Crystal System KCl _{1-x} Br _x . <i>Applied Optics</i> , 1970, 9, 5.	2.1	27
11	Pressure Effects on the Vibrational Modes of K ₂ PtCl ₄ , K ₂ PdCl ₄ , K ₂ PtCl ₆ , and K ₂ PdCl ₆ . <i>Journal of Chemical Physics</i> , 1970, 53, 117-119.	3.0	21
12	Anharmonic effects and the lattice dynamics of insulators. <i>CRC Critical Reviews in Solid State Sciences</i> , 1971, 2, 181-254.	1.2	72
13	Line shape and temperature dependence of the first order Raman spectrum of diamond. <i>Solid State Communications</i> , 1971, 9, 1377-1381.	1.9	76
14	Anharmonic contribution to the Mossbauer fraction of ⁸² Kr in solid krypton. <i>Journal of Physics C: Solid State Physics</i> , 1971, 4, 1929-1935.	1.5	8
15	New Techniques Used with Far-Infrared Measurements. , 1971, , 53-64.		0
16	Pressure Dependence of Infrared Eigenfrequencies of KI, RbI, and Their Mixed Crystals. <i>Journal of Applied Physics</i> , 1971, 42, 3677-3681.	2.5	24
17	Pressure Dependence of Effective Ionic Charge of Solids. <i>Journal of Chemical Physics</i> , 1971, 55, 1817-1820.	3.0	25
18	Simple Shell-Model Calculation of Lattice Dynamics and Thermal Expansion of Alkali Halides. <i>Physical Review B</i> , 1971, 3, 4398-4403.	3.2	47

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19	Anharmonicity in the Silver and Thallium Halides: Far-Infrared Dielectric Response. <i>Physical Review B</i> , 1972, 6, 1490-1498.	3.2	69
20	Temperature Dependence of Long-Wavelength Optic Phonons of NaF Single Crystals. <i>Physical Review B</i> , 1972, 5, 4094-4101.	3.2	22
21	The one-phonon Green function and the dielectric properties of sodium chloride. <i>Journal of Physics C: Solid State Physics</i> , 1972, 5, 1345-1359.	1.5	35
22	Anharmonicity in the Silver and Thallium Halides: Low-Frequency Dielectric Response. <i>Physical Review B</i> , 1972, 6, 4667-4674.	3.2	29
23	Pressure Dependence of Ionic Conductivity in KCl, NaCl, KBr, and NaBr. <i>Physical Review B</i> , 1972, 5, 4935-4945.	3.2	100
24	Anharmonicity of Infrared Vibration Modes in Beryl. <i>Physica Status Solidi (B): Basic Research</i> , 1972, 51, 701-712.	1.5	25
25	Grüneisen parameters of CaF ₂ and BaF ₂ from a lattice dynamical shell model. <i>Journal of Physics and Chemistry of Solids</i> , 1972, 33, 83-86.	4.0	20
26	Hydrostatic Pressure Dependence of First-Order Raman Frequencies in Se and Te. <i>Physica Status Solidi (B): Basic Research</i> , 1973, 56, 223-229.	1.5	64
27	Pressure effects on the far infrared spectra of nitrate glasses. <i>Chemical Physics Letters</i> , 1973, 18, 221-224.	2.6	0
28	On the phonon self-energy. <i>Solid State Communications</i> , 1973, 13, 1211-1214.	1.9	11
29	Stabilization of the paraelectric phase of KTaO ₃ and SrTiO ₃ by strong quartic anharmonicity. <i>Journal of Physics C: Solid State Physics</i> , 1973, 6, 932-944.	1.5	43
30	The infra-red spectra of crystalline solids. , 1973, , 57-84.		3
31	Equations of state and thermal expansion of alkali halides. <i>CRC Critical Reviews in Solid State Sciences</i> , 1973, 3, 451-504.	1.2	10
32	On the theory of the far infrared absorption by alkali halide crystals. <i>Journal of Physics C: Solid State Physics</i> , 1973, 6, 174-188.	1.5	26
33	Temperature dependence of transverse- and longitudinal-optic modes in TiO ₂ (rutile). <i>Physical Review B</i> , 1974, 10, 1642-1654.	3.2	234
34	Lattice Dynamics and Anharmonic Effects in AgCl. <i>Physica Status Solidi (B): Basic Research</i> , 1974, 66, 295-304.	1.5	33
35	Pressure-Raman effects and vibrational scaling laws in molecular crystals: S ₈ and As ₂ S ₃ . <i>Physical Review B</i> , 1974, 9, 4485-4496.	3.2	230
36	Temperature dependence of F-centre hyperfine interactions. <i>Journal of Physics and Chemistry of Solids</i> , 1975, 36, 549-555.	4.0	11

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37	Anharmonic temperature dependences of the reststrahlen frequencies and the dielectric properties of potassium halides. <i>Physical Review B</i> , 1975, 12, 1501-1515.	3.2	10
38	Temperature dependence of transverse and longitudinal optic modes in the $\hat{\Gamma}$ - and \hat{L} -phases of quartz. <i>Physical Review B</i> , 1975, 11, 3944-3950.	3.2	182
39	Optical studies of the vibrational properties of disordered solids. <i>Reviews of Modern Physics</i> , 1975, 47, S1-S179.	45.6	699
40	Dynamical properties of crystals of $\text{Sr}(\text{NO}_3)_2$, $\text{Ba}(\text{NO}_3)_2$, and $\text{Pb}(\text{NO}_3)_2$. II. Temperature dependence of the infrared spectra. <i>Physica Status Solidi (B): Basic Research</i> , 1976, 78, 453-464.	1.5	12
41	Impurity-induced first-order Raman spectra of KI and KBr in the fcc and sc phases. <i>Journal of Applied Physics</i> , 1976, 47, 2467-2472.	2.5	2
42	Temperature and pressure dependence of the transverse-optic modes of ionic crystals and their associated anharmonic self-energies. <i>Physical Review B</i> , 1976, 14, 3598-3620.	3.2	87
43	Transverse optic mode Gruneisen parameter and dielectric properties of alkali halides. <i>Solid State Communications</i> , 1977, 21, 643-646.	1.9	12
44	An estimate of the pressure dependence of the dielectric constant in alkali halides. <i>Physica Status Solidi (B): Basic Research</i> , 1978, 90, 339-343.	1.5	65
45	Optic mode gruneisen parameters and their strain derivatives in alkali halides. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1978, 94, 331-345.	0.9	10
46	Influence of pressure and temperature on phonons in molecular chalcogenides: Crystalline As_4S_4 and S_4N_4 . <i>Physical Review B</i> , 1978, 18, 5775-5798.	3.2	152
47	Vibrational studies of solid inorganic and coordination complexes at high pressures. <i>Coordination Chemistry Reviews</i> , 1979, 29, 1-66.	18.8	22
48	Analytical study of the volume derivative of the effective ionic charge in alkali halides. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1980, 41, 473-483.	0.6	0
49	Determination of the Dielectric Constant of Alkali Halide Mixed Crystals. <i>Physica Status Solidi (B): Basic Research</i> , 1980, 100, K133.	1.5	61
50	The effect of pressure on the Raman spectrum of NH_4Cl . <i>Journal of Physics and Chemistry of Solids</i> , 1980, 41, 769-776.	4.0	20
51	Dielectric properties of alkali halides using mott-littleton polarization theory. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1983, 121, 175-180.	0.9	0
52	Raman study of anharmonic effects in $\hat{\Gamma}$ - LiIO_3 . <i>Physical Review B</i> , 1983, 27, 7716-7729.	3.2	34
53	Vibrational Infrared and Raman Spectra of Non-Metals. <i>Handbuch Der Physik</i> , 1984, , 1-591.	0.1	9
54	Pressure-Raman effects in covalent and molecular solids. <i>Topics in Applied Physics</i> , 1984, , 463-527.	0.8	60

#	ARTICLE	IF	CITATIONS
55	On the Calculation of the Pressure Dependence of the Transverse Optical Mode Frequency of Cubic Ionic Crystals. <i>Physica Status Solidi (B): Basic Research</i> , 1985, 130, 115-120.	1.5	1
56	Theoretical study of solid NaF and NaCl at high pressures and temperatures. <i>Journal of Geophysical Research</i> , 1985, 90, 7803-7813.	3.3	90
57	Far-Infrared Spectroscopy in Diamond Anvil Cells. <i>Applied Spectroscopy</i> , 1986, 40, 298-303.	2.2	11
58	Comparisons between shell and deformation dipole models for the thermal conductivity of alkali halides and its volume dependence. <i>Journal of Physics Condensed Matter</i> , 1989, 1, 347-359.	1.8	12
59	Raman scattering in diamond up to 1900 K. <i>Physical Review B</i> , 1991, 43, 12490-12493.	3.2	166
60	Anharmonic self-energies of phonons in silicon. <i>Physical Review B</i> , 1991, 43, 4541-4544.	3.2	68
61	Dielectric Constants and Their Pressure and Temperature Derivatives for Ionic Crystals. <i>Physica Status Solidi A</i> , 1991, 123, 17-50.	1.7	26
62	First-order Raman scattering in homoepitaxial chemical vapor deposited diamond at elevated temperatures. <i>Thin Solid Films</i> , 1992, 212, 206-215.	1.8	33
63	Thermal expansion and anharmonic phonon-phonon interaction effects on an effective charge in GaAs and KCl. <i>Journal of Physics and Chemistry of Solids</i> , 1993, 54, 387-395.	4.0	15
64	Temperature dependence of the cubic boron nitride Raman lines. <i>Physical Review B</i> , 1993, 47, 14193-14199.	3.2	65
65	Temperature dependence of Raman scattering in Ge _{1-x} Si _x alloys. <i>Physical Review B</i> , 1993, 48, 15016-15024.	3.2	93
66	Second-order Raman scattering in diamond up to 1900 K. <i>Physical Review B</i> , 1994, 49, 3213-3216.	3.2	6
67	IR spectroscopy of alkali halides at very high pressures: Calculation of equations of state and of the response of bulk moduli to the B1-B2 phase transition. <i>Physical Review B</i> , 1997, 56, 5835-5855.	3.2	64
68	Laser power effects on the Raman spectrum of isolated diamond chemical vapor deposition particles. <i>Journal of Applied Physics</i> , 1997, 82, 243-248.	2.5	14
69	The intrinsic temperature effect of the Raman spectra of graphite. <i>Applied Physics Letters</i> , 1999, 74, 1818-1820.	3.3	141
70	Stress and temperature self-sensing fibres. <i>Chemical Physics Letters</i> , 2003, 367, 270-277.	2.6	9
71	The intrinsic temperature effect of Raman spectra of double-walled carbon nanotubes. <i>Chemical Physics Letters</i> , 2004, 396, 372-376.	2.6	23
72	Raman spectrum of cubic boron nitride at high pressure and temperature. <i>Physical Review B</i> , 2004, 69, .	3.2	53

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73	Temperature Dependence of the Raman Spectra of Individual Carbon Nanotubes. <i>Journal of Physical Chemistry B</i> , 2006, 110, 1206-1209.	2.6	53
74	Temperature Dependence of the Raman Spectra of Graphene and Graphene Multilayers. <i>Nano Letters</i> , 2007, 7, 2645-2649.	9.1	1,057
75	Variable temperature Raman microscopy as a nanometrology tool for graphene layers and graphene-based devices. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	163
76	Atomistic origin and temperature dependence of Raman optical redshift in nanostructures: a broken bond rule. <i>Journal of Raman Spectroscopy</i> , 2007, 38, 780-788.	2.5	33
77	High temperature Raman spectroscopy studies of carbon nanowalls. <i>Journal of Raman Spectroscopy</i> , 2007, 38, 1449-1453.	2.5	32
78	Low-Temperature Raman Spectroscopy of Individual Single-Wall Carbon Nanotubes and Single-Layer Graphene. <i>Journal of Physical Chemistry C</i> , 2008, 112, 13893-13900.	3.1	36
79	Raman nanometrology of graphene on arbitrary substrates and at variable temperature. <i>Proceedings of SPIE</i> , 2008, , .	0.8	4
80	Carbonitriding of silicon using plasma focus device. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2009, 27, 381-387.	2.1	20
81	Probing mechanical properties of graphene with Raman spectroscopy. <i>Journal of Materials Science</i> , 2010, 45, 5135-5149.	3.7	208
82	Raman Spectroscopic Characterization of Graphene. <i>Applied Spectroscopy Reviews</i> , 2010, 45, 369-407.	6.7	213
83	Low-cost set-up for Fourier-transform infrared spectroscopy in diamond anvil cell from 4000 to 400 Åcm^{-1} . <i>High Pressure Research</i> , 2011, 31, 445-453.	1.2	9
84	Anharmonic phonon effects in Raman spectra of unsupported vertical graphene sheets. <i>Physical Review B</i> , 2011, 83, .	3.2	66
85	Thermal effects on the characteristic Raman spectrum of molybdenum disulfide (MoS ₂) of varying thicknesses. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	220
86	Incandescent porous carbon microspheres to light up cells: solution phenomena and cellular uptake. <i>Journal of Materials Chemistry</i> , 2012, 22, 432-439.	6.7	33
87	A planetary environment and analysis chamber (PEACH) for coordinated Raman-“LIBS”-IR measurements under planetary surface environmental conditions. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 212-227.	2.5	23
88	Quantitative analysis of the temperature dependency in Raman active vibrational modes of molybdenum disulfide atomic layers. <i>Nanoscale</i> , 2013, 5, 9758.	5.6	80
89	Ab initio temperature dependence of the thermal expansion of diamond and the frequency shift of optical phonons. <i>Physics of the Solid State</i> , 2013, 55, 160-163.	0.6	12
90	Contrast and Raman spectroscopy study of single- and few-layered charge density wave material: 2H-TaSe ₂ . <i>Scientific Reports</i> , 2013, 3, 2593.	3.3	120

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91	Raman study of the temperature and magnetic-field dependence of the electronic and lattice properties of MnSi. <i>Physical Review B</i> , 2014, 90, .	3.2	29
92	Anomalous vibrational properties of cubic boron arsenide. <i>Physical Review B</i> , 2014, 89, .	3.2	32
93	Thermal Conductivity of Monolayer Molybdenum Disulfide Obtained from Temperature-Dependent Raman Spectroscopy. <i>ACS Nano</i> , 2014, 8, 986-993.	14.6	666
94	Prediction of superconductivity of Ta ₂ AlC: <i>in situ</i> Raman spectrometry and density functional investigations. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 202-207.	2.5	2
95	Extraordinary Photoluminescence and Strong Temperature/Angle-Dependent Raman Responses in Few-Layer Phosphorene. <i>ACS Nano</i> , 2014, 8, 9590-9596.	14.6	604
96	Temperature dependent phonon frequency shift and structural stability of free-standing graphene: a spectral energy density analysis. <i>2D Materials</i> , 2015, 2, 035014.	4.4	23
97	High temperature Raman investigation of few-layer MoTe ₂ . <i>Applied Physics Letters</i> , 2016, 108, .	3.3	33
98	The Effects of the Organic-Inorganic Interactions on the Thermal Transport Properties of CH ₃ NH ₃ Pb ₃ . <i>Nano Letters</i> , 2016, 16, 2749-2753.	9.1	95
99	Significant G peak temperature shift in Raman spectra of graphene on copper. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 8879-8883.	2.2	9
100	Abnormal high-temperature luminescence enhancement observed in monolayer MoS ₂ flakes: thermo-driven transition from negatively charged trions to neutral excitons. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9187-9196.	5.5	15
101	Sol-Gel Synthesis and Micro-Raman Characterization of $\mu\text{-Fe}_2\text{O}_3$ Micro- and Nanoparticles. <i>Chemistry of Materials</i> , 2016, 28, 511-518.	6.7	115
102	Enhancement of Exciton Emission from Multilayer MoS ₂ at High Temperatures: Intervalley Transfer versus Interlayer Decoupling. <i>Small</i> , 2017, 13, 1700157.	10.0	19
103	Light-induced nonthermal population of optical phonons in nanocrystals. <i>Physical Review B</i> , 2017, 95, .	3.2	20
104	Origin of the thermal expansion anomaly in layered Bi_2X_3 topological insulators: Ultrafast time-resolved pump-probe experiments and theory. <i>Physical Review B</i> , 2017, 96, .	3.2	5
105	Exciton dynamics in tungsten dichalcogenide monolayers. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 17877-17882.	2.8	14
106	Low-temperature anharmonic phonon properties of supported graphene. <i>Carbon</i> , 2017, 111, 587-591.	10.3	11
107	Cross-Plane Carrier Transport in Van der Waals Layered Materials. <i>Small</i> , 2018, 14, e1703808.	10.0	15
108	Temperature-dependent layer breathing modes in two-dimensional materials. <i>Physical Review B</i> , 2018, 97, .	3.2	8

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109	Interplay Between Extra Charge Injection and Lattice Evolution in VO ₂ /CH ₃ NH ₃ PbI ₃ Heterostructure. Physica Status Solidi - Rapid Research Letters, 2018, 12, 1700416.	2.4	3
110	Surface modification of Al6061 by graphene impregnation through a powder metallurgy assisted friction surfacing. Surface and Coatings Technology, 2018, 337, 12-23.	4.8	60
111	The Effect of Low Energy Nitrogen Ion Implantation on Graphene Nanosheets. Electronic Materials Letters, 2018, 14, 488-498.	2.2	7
112	Raman Scattering., 2018, , 1-54.		0
113	From Titanium Sesquioxide to Titanium Dioxide: Oxidation-Induced Structural, Phase, and Property Evolution. Chemistry of Materials, 2018, 30, 4383-4392.	6.7	42
114	Anomalous temperature dependence of optical and acoustic phonons in Bi ₂ Se ₃ arising from stacking faults. Physica Scripta, 2019, 94, 115706.	2.5	3
115	Photoluminescence of Cu ₂ O nanostructured in stressed thin films induced by temperature. Journal of Luminescence, 2019, 215, 116642.	3.1	7
116	Intrinsic Low Thermal Conductivity and Phonon Renormalization Due to Strong Anharmonicity of Single-Crystal Tin Selenide. Nano Letters, 2019, 19, 4941-4948.	9.1	41
117	Phonon anharmonicities in supported graphene. Carbon, 2019, 141, 190-197.	10.3	12
118	Black phosphorus: Light-matter interactions and potential applications. , 2020, , 159-173.		1
119	Raman response of topologically protected surface states in submicrometric Pb _{0.77} Sn _{0.23} Se flakes. Journal of Raman Spectroscopy, 2020, 51, 2489-2495.	2.5	1
120	Temperature dependence of the Raman spectra of multilayer graphene nanoribbons fabricated by unzipping method. Diamond and Related Materials, 2020, 109, 108047.	3.9	12
121	Extracting the Anharmonic Properties of the G-Band in Graphene Nanoplatelets. Journal of Physical Chemistry C, 2020, 124, 4835-4842.	3.1	17
122	Correlation of local strain and temperature measurements in confocal Raman microscopy. Journal of Raman Spectroscopy, 2021, 52, 1123-1134.	2.5	2
123	Temperature dependent Raman spectroscopy of shear and layer breathing modes in bilayer MoS ₂ . Current Applied Physics, 2021, 25, 41-46.	2.4	7
124	Temperature dependence of the optical phonon reflection band in GaP. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2021, 39, .	1.2	9
125	Phonon Anomalies Associated with Spin Reorientation in the Kagome Ferromagnet Fe ₃ Sn ₂ . Physica Status Solidi (B): Basic Research, 2022, 259, 2100169.	1.5	4
126	Temperature-dependent optical phonon shifts and splitting in cubic ¹⁰ BP, ^{nat} BP, and ¹¹ BP crystals. Optics Letters, 2021, 46, 4844.	3.3	7

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127	High Pressure Research in the Far Infrared Region. , 1970, , 451-474.		2
128	Thermal Properties. Springer Series in Materials Science, 2001, , 51-101.	0.6	2
129	HIGH-PRESSURE VIBRATIONAL SPECTROSCOPY. , 1971, , 57-77.		7
130	Morphic Effects in Lattice Dynamics. Dynamical Properties of Solids, 1980, 4, 157-375.	0.0	20
131	Temperature Dependence of Raman Spectra of Silicon Nanocrystals in Oxide Matrix. Ukrainian Journal of Physics, 2013, 58, 980-987.	0.2	8
132	Phonon Spectra. Springer Series in Materials Science, 2001, , 155-172.	0.6	0
133	THE EFFECT OF PRESSURE ON THE RAMAN SPECTRUM OF NH ₄ I. , 1980, , 766-768.		0
134	INORGANIC COMPOUNDS. , 1984, , 63-119.		0
136	Raman Scattering. , 2019, , 541-594.		1
137	Extended anisotropic phonon dispersion and optical properties of two-dimensional ternary SnSSe. Inorganic Chemistry Frontiers, 2022, 9, 294-301.	6.0	5
138	Phonon anharmonicities in 7-armchair graphene nanoribbons. Carbon, 2022, 190, 312-318.	10.3	11
139	Large Two-Magnon Raman Hysteresis Observed in a Magnetically Uncompensated Hematite Coating across the Morin Transition. Coatings, 2022, 12, 540.	2.6	4
140	A Raman spectroscopic study of the pyrolysis of lactose and tannins. Journal of Raman Spectroscopy, 2022, 53, 1361-1370.	2.5	6
141	Giant pyroelectricity in nanomembranes. Nature, 2022, 607, 480-485.	27.8	34
142	Reduction in thermal conductivity of monolayer WS ₂ caused by substrate effect. Nano Research, 2022, 15, 9578-9587.	10.4	12
143	Giant quartic-phonon decay in PVD-grown $\hat{\Gamma}$ -MoO ₃ flakes. Nano Research, 2023, 16, 1115-1122.	10.4	7
144	Investigation of the Electronâ€“Phonon Coupling in Dirac Semimetal PdTe ₂ via Temperatureâ€“Dependent Raman Spectroscopy. Physica Status Solidi - Rapid Research Letters, 2022, 16, .	2.4	7
145	Phonon anharmonicity in exfoliated black arsenic flakes. Applied Physics Letters, 2022, 121, 122106.	3.3	2

#	ARTICLE	IF	CITATIONS
146	Substrate effect on phonon in graphene layers. Carbon Letters, 0, , .	5.9	1
147	Effects of hot phonons and thermal stress in micro-Raman spectra of molybdenum disulfide. Applied Physics Letters, 2022, 121, .	3.3	3
149	Spatially Controlled Single Photon Emitters in hBN-Capped WS ₂ Domes. Advanced Optical Materials, 2023, 11, .	7.3	4
150	Thermally induced mechanical strain of graphene on copper and other substrates. Journal of Physics and Chemistry of Solids, 2023, 179, 111371.	4.0	2
151	The Characterization Analysis of Graphene. Engineering Materials, 2023, , 105-126.	0.6	0
152	A strategy for 2D MXenes as thermal management materials by laser shock nanoshaping. JPhys Materials, 2023, 6, 045005.	4.2	0
153	Anharmonic strong-coupling effects at the origin of the charge density wave in CsV ₃ Sb ₅ . Nature Communications, 2024, 15, .	12.8	0