

Masanori Inui

List of Publications by Year in descending order

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151
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279487

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151
docs citations

151
times ranked

696
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Transverse Acoustic Excitations in Liquid Ga. <i>Physical Review Letters</i> , 2009, 102, 105502. | 2.9 | 131 |
| 2 | Energy-dispersive x-ray diffraction equipment for fluids at extreme conditions of high temperatures and high pressures. <i>Review of Scientific Instruments</i> , 1999, 70, 144-152. | 0.6 | 100 |
| 3 | Transverse excitations in liquid Sn. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 112101. | 0.7 | 73 |
| 4 | Photo-Induced Phenomena in Isolated Selenium Chains. <i>Journal of the Physical Society of Japan</i> , 1989, 58, 1811-1822. | 0.7 | 71 |
| 5 | Semiconductor-to-metal transition in fluid selenium at high pressure and high temperature: An investigation using x-ray-absorption spectroscopy. <i>Physical Review B</i> , 1998, 57, 258-268. | 1.1 | 65 |
| 6 | Transverse excitations in liquid Fe, Cu and Zn. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 194104. | 0.7 | 62 |
| 7 | Structural Study of Molten Silver Halides by Neutron Diffraction. <i>Journal of the Physical Society of Japan</i> , 1991, 60, 3025-3031. | 0.7 | 57 |
| 8 | Structural changes and the metal-non-metal transition in supercritical fluids. <i>Journal of Physics Condensed Matter</i> , 2001, 13, R337-R368. | 0.7 | 53 |
| 9 | Damping of the collective modes in liquid Fe. <i>Physical Review B</i> , 2008, 77, . | 1.1 | 46 |
| 10 | EXAFS measurements of liquid Se-Te mixtures. <i>Journal of Physics Condensed Matter</i> , 1991, 3, 7495-7510. | 0.7 | 44 |
| 11 | Structures of Molten CuCl, CuBr and CuI. <i>Journal of the Physical Society of Japan</i> , 1991, 60, 2678-2683. | 0.7 | 43 |
| 12 | EXAFS Study on Selenium-Tellurium Mixed Chains. <i>Journal of the Physical Society of Japan</i> , 1988, 57, 553-561. | 0.7 | 42 |
| 13 | Fast Sound in Expanded Fluid Hg Accompanying the Metal-Nonmetal Transition. <i>Physical Review Letters</i> , 2004, 93, 097801. | 2.9 | 41 |
| 14 | Ultrasonic Velocity and Density Measurement of Liquid Bi-Ga Alloys with Miscibility Gap Region. <i>Journal of the Physical Society of Japan</i> , 1992, 61, 3203-3208. | 0.7 | 39 |
| 15 | Local structure of expanded fluid mercury using synchrotron radiation: From liquid to dense vapor. <i>Physical Review B</i> , 2003, 68, . | 1.1 | 37 |
| 16 | Instability of the Electron Gas in an Expanding Metal. <i>Physical Review Letters</i> , 2007, 98, 096401. | 2.9 | 37 |
| 17 | XAFS measurements at high temperatures and pressures. <i>Review of Scientific Instruments</i> , 1995, 66, 1382-1384. | 0.6 | 34 |
| 18 | Medium-Range Fluctuations Accompanying the Metal-Nonmetal Transition in Expanded Fluid Hg. <i>Physical Review Letters</i> , 2007, 98, 185504. | 2.9 | 34 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | EXAFS measurements for liquid As ₂ Se ₃ at high temperatures and pressures. Journal of Non-Crystalline Solids, 1992, 150, 351-355. | 1.5 | 30 |
| 20 | Extended x-ray absorption fine structure studies of dense selenium vapor. Journal of Chemical Physics, 1992, 97, 786-791. | 1.2 | 28 |
| 21 | X-ray diffraction studies of expanded fluid mercury using synchrotron radiation. Journal of Physics Condensed Matter, 1998, 10, 11405-11417. | 0.7 | 27 |
| 22 | Collective dynamics of supercritical water. Journal of Physics and Chemistry of Solids, 2005, 66, 2246-2249. | 1.9 | 27 |
| 23 | Icosahedral ordering in liquid iron studied via x-ray scattering and Monte Carlo simulations. Physical Review B, 2009, 80, . | 1.1 | 24 |
| 24 | X-ray diffraction measurements for expanded fluid selenium up to the metallic region. Journal of Non-Crystalline Solids, 1996, 205-207, 261-264. | 1.5 | 23 |
| 25 | X-ray diffraction measurements for expanded fluid-Se using synchrotron radiation. Journal of Non-Crystalline Solids, 1999, 250-252, 519-524. | 1.5 | 20 |
| 26 | Electron-Ion Correlation in Liquid Magnesium. Journal of the Physical Society of Japan, 1994, 63, 1794-1802. | 0.7 | 19 |
| 27 | Transverse excitations in liquid Ga. European Physical Journal: Special Topics, 2011, 196, 85-93. | 1.2 | 19 |
| 28 | Small angle X-ray scattering measurements for expanded fluid Se near the critical point. Journal of Non-Crystalline Solids, 1999, 250-252, 531-536. | 1.5 | 18 |
| 29 | X-ray diffraction and small-angle x-ray scattering measurements on expanded fluid selenium. Journal of Physics Condensed Matter, 1996, 8, 9347-9351. | 0.7 | 17 |
| 30 | Molybdenum cell for x-ray diffraction measurements of fluid alkali metals at high temperatures and high pressures. Review of Scientific Instruments, 2004, 75, 709-712. | 0.6 | 17 |
| 31 | Dynamical inhomogeneity of liquid Te near the melting temperature proved by inelastic x-ray scattering measurements. Journal of Physics Condensed Matter, 2008, 20, 494244. | 0.7 | 17 |
| 32 | EXAFS studies of liquid As ₂ Te ₃ and GeTe ₂ . Journal of Non-Crystalline Solids, 1993, 156-158, 712-715. | 1.5 | 16 |
| 33 | X-ray diffraction measurements for expanded fluid mercury using synchrotron radiation: from the liquid to dense vapor. Journal of Non-Crystalline Solids, 2002, 312-314, 284-289. | 1.5 | 16 |
| 34 | Structure and dynamical properties of molten V ₂ O ₅ . Journal of Non-Crystalline Solids, 1996, 205-207, 151-154. | 1.5 | 15 |
| 35 | Electron-ion correlation in liquid metals. Journal of Non-Crystalline Solids, 1996, 205-207, 365-369. | 1.5 | 14 |
| 36 | Structure of Isolated Selenium Chain in the Channels of Mordenite*. Zeitschrift Fur Physikalische Chemie, 1988, 156, 507-511. | 1.4 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Exafs studies on liquid Se _i -Te mixtures. Journal of Non-Crystalline Solids, 1990, 117-118, 112-115. | 1.5 | 13 |
| 38 | Molar Volume of Molten Cuprous Halides. Journal of the Physical Society of Japan, 1991, 60, 3190-3191. | 0.7 | 13 |
| 39 | Structural investigation of liquid Ge-chalcogen mixtures. Journal of Non-Crystalline Solids, 1996, 205-207, 106-109. | 1.5 | 13 |
| 40 | X-ray absorption fine structure studies on expanded fluid Se: from liquid to dense vapor. Journal of Non-Crystalline Solids, 1999, 250-252, 525-530. | 1.5 | 13 |
| 41 | Anomalous dispersion of the acoustic mode in liquid Bi. Physical Review B, 2015, 92, . | 1.1 | 13 |
| 42 | Mössbauer Studies on the Tellurium-Selenium Mixed Chains. Journal of the Physical Society of Japan, 1988, 57, 3587-3593. | 0.7 | 12 |
| 43 | Structure and dynamical properties of liquid In ₂ Te ₃ . Journal of Non-Crystalline Solids, 2002, 312-314, 366-370. | 1.5 | 12 |
| 44 | Viscoelastic narrowing of a collective mode in molten CsCl observed by inelastic x-ray scattering. Journal of Physics Condensed Matter, 2007, 19, 466110. | 0.7 | 12 |
| 45 | Density fluctuations at the continuous liquid-liquid phase transition in chalcogen systems. Physical Review B, 2012, 86, . | 1.1 | 12 |
| 46 | Local structures of liquid and vitreous V ₂ O ₅ and P ₂ O ₅ . Journal of Physics and Chemistry of Solids, 1999, 60, 1483-1486. | 1.9 | 10 |
| 47 | Local structure of molten Ag(Cl ₁ ~I) mixtures. Journal of Non-Crystalline Solids, 1999, 250-252, 410-414. | 1.5 | 10 |
| 48 | Small angle X-ray scattering measurements for supercritical fluid metals using synchrotron radiation. Journal of Non-Crystalline Solids, 2002, 312-314, 269-273. | 1.5 | 10 |
| 49 | Observation of fast sound in metal~nonmetal transition in liquid Hg. Journal of Physics and Chemistry of Solids, 2005, 66, 2223-2229. | 1.9 | 10 |
| 50 | Collective dynamics of supercritical water probed by inelastic X-ray scattering. Nuclear Instruments & Methods in Physics Research B, 2005, 238, 146-149. | 0.6 | 10 |
| 51 | Synchrotron radiation studies of an expanded fluid alkali metal. European Physical Journal: Special Topics, 2011, 196, 95-107. | 1.2 | 10 |
| 52 | Electron momentum density in liquid silicon. Physical Review B, 2013, 88, . | 1.1 | 10 |
| 53 | Transverse excitations in liquid metals. AIP Conference Proceedings, 2013, , . | 0.3 | 10 |
| 54 | Small Angle Scattering of Supercritical Metallic Fluids Using High Energy X-rays. Nihon Kessho Gakkaishi, 2006, 48, 76-80. | 0.0 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Structure of chalcogen nano-droplets. <i>Journal of Non-Crystalline Solids</i> , 1993, 156-158, 695-699. | 1.5 | 9 |
| 56 | Collective dynamics in dense Hg vapour. <i>Journal of Physics Condensed Matter</i> , 2004, 16, L45-L50. | 0.7 | 9 |
| 57 | High frequency dynamics in liquid nickel: An inelastic x-ray scattering study. <i>Journal of Chemical Physics</i> , 2008, 128, 234502. | 1.2 | 9 |
| 58 | Acoustic Phonons in Molten NaI. <i>Electrochemistry</i> , 2009, 77, 608-610. | 0.6 | 9 |
| 59 | Inelastic x-ray scattering study of plasmon dispersions in solid and liquid Rb. <i>Physical Review B</i> , 2014, 89, . | 1.1 | 9 |
| 60 | Peculiar atomic dynamics in liquid GeTe with asymmetrical bonding: Observation by inelastic x-ray scattering. <i>Physical Review B</i> , 2018, 97, . | 1.1 | 9 |
| 61 | Low energy excitation in liquid Sb and liquid Bi observed in inelastic x-ray scattering spectra. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 475101. | 0.7 | 9 |
| 62 | Electron Charge Distribution in Liquid Te. <i>Journal of the Physical Society of Japan</i> , 1993, 62, 4277-4286. | 0.7 | 8 |
| 63 | Electron Charge Distribution in Amorphous Se. <i>Journal of the Physical Society of Japan</i> , 1994, 63, 1378-1385. | 0.7 | 8 |
| 64 | X-ray diffraction measurement of liquid As ₂ Se ₃ by using third-generation synchrotron radiation. <i>Journal of Non-Crystalline Solids</i> , 2007, 353, 1985-1989. | 1.5 | 8 |
| 65 | Structural study of expanded fluid cesium. <i>Journal of Physics: Conference Series</i> , 2008, 98, 012003. | 0.3 | 8 |
| 66 | Collective dynamics and de Gennes narrowing in polymeric liquid Se: High-resolution inelastic x-ray scattering. <i>Physical Review B</i> , 2008, 77, . | 1.1 | 8 |
| 67 | First example of multi-scale reverse Monte Carlo modeling for small-angle scattering experimental data using reverse mapping from coarse-grained particles to atoms. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 404215. | 0.7 | 8 |
| 68 | Reverse Monte Carlo Simulations in Liquid Chalcogens. <i>Journal of the Physical Society of Japan</i> , 1993, 62, 4287-4294. | 0.7 | 8 |
| 69 | Structural Study of Liquid Bi-Ga Alloys with Miscibility Gaps. <i>Journal of the Physical Society of Japan</i> , 1992, 61, 1585-1589. | 0.7 | 7 |
| 70 | XAFS measurements on molten silver halides. <i>Journal of Non-Crystalline Solids</i> , 1995, 192-193, 351-354. | 1.5 | 7 |
| 71 | Electronic structure study of liquid germanium based on x-ray-absorption near-edge structure spectroscopy. <i>Physical Review B</i> , 1999, 59, 1571-1574. | 1.1 | 7 |
| 72 | Structural studies of expanded fluid mercury using synchrotron radiation. <i>Journal of Non-Crystalline Solids</i> , 1999, 250-252, 148-153. | 1.5 | 7 |

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|----|---|-----|-----------|
| 73 | Heavy Particle Dynamics in Liquid Se: Inelastic X-ray Scattering. Journal of the Physical Society of Japan, 2007, 76, 053601. | 0.7 | 7 |
| 74 | Structural and electronic properties of expanding fluid metals. Journal of Physics Condensed Matter, 2008, 20, 114102. | 0.7 | 7 |
| 75 | Inelastic X-ray Scattering Study on Plasmon Dispersion in Liquid Cs. Journal of the Physical Society of Japan, 2015, 84, 084701. | 0.7 | 7 |
| 76 | Impurity effects in the microscopic elastic properties of polycrystalline Mg-Zn-Y alloys with a synchronized long-period stacking ordered phase. Journal of Alloys and Compounds, 2017, 695, 426-432. | 2.8 | 7 |
| 77 | Ultrasonic Velocity and Density Measurements of Molten CuCl ₂ -CuBr Mixtures. Journal of the Physical Society of Japan, 1993, 62, 3142-3149. | 0.7 | 6 |
| 78 | Neutron scattering studies on liquid GeSe mixtures. Physica B: Condensed Matter, 1995, 213-214, 558-560. | 1.3 | 6 |
| 79 | EXAFS measurements for liquid Ge ₂ Si alloys. Journal of Synchrotron Radiation, 2001, 8, 767-769. | 1.0 | 6 |
| 80 | Dynamics in the melt of an icosahedral Al ₇₂ Pd ₂₀ Mn ₈ quasicrystal. Journal of Physics Condensed Matter, 2006, 18, L613-L618. | 0.7 | 6 |
| 81 | X-ray diffraction measurements for liquid Ge ₂ Si alloys using synchrotron radiation. Journal of Non-Crystalline Solids, 2007, 353, 3376-3379. | 1.5 | 6 |
| 82 | Structural instability and the metal ^{to} non-metal transition in expanded fluid metals. Journal of Non-Crystalline Solids, 2007, 353, 3348-3357. | 1.5 | 6 |
| 83 | EXAFS Measurements for Liquid Ge ₂ Se Mixtures at High Temperatures and Pressures. Japanese Journal of Applied Physics, 1993, 32, 694. | 0.8 | 6 |
| 84 | EXAFS Measurement of Molten Cuprous Halides. Japanese Journal of Applied Physics, 1993, 32, 697. | 0.8 | 6 |
| 85 | Modification of the chain structure of liquid chalcogen by adding halogens and alkalis. Journal of Non-Crystalline Solids, 1993, 156-158, 756-759. | 1.5 | 5 |
| 86 | SANS measurements of liquid and amorphous selenium. Physica B: Condensed Matter, 1995, 213-214, 552-554. | 1.3 | 5 |
| 87 | Structure and thermodynamic properties of molten Ag(Cl _{1-x} Br _x). Journal of Non-Crystalline Solids, 1996, 205-207, 159-162. | 1.5 | 5 |
| 88 | In Situ X-Ray Diffraction and XAFS Studies of Expanded Fluid Selenium Using Synchrotron Radiation. MRS Bulletin, 1999, 24, 26-31. | 1.7 | 5 |
| 89 | Structural studies of supercritical fluid metals using synchrotron radiation. Journal of Non-Crystalline Solids, 2002, 312-314, 247-255. | 1.5 | 5 |
| 90 | Small-angle X-ray scattering measurements of expanded fluid Se in the semiconductor ^{to} metal transition region using synchrotron radiation. Journal of Applied Crystallography, 2007, 40, s537-s539. | 1.9 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Inelastic x-ray scattering measurements of dynamical cross-over in liquid As ₂ Se ₃ at high temperature and high pressure. <i>European Physical Journal: Special Topics</i> , 2011, 196, 167-174. | 1.2 | 5 |
| 92 | Charge inhomogeneity in an expanded fluid metal: X-ray Compton scattering observation. <i>Europhysics Letters</i> , 2017, 117, 17004. | 0.7 | 5 |
| 93 | Viscoelastic anomaly accompanying anti-crossing behaviour in liquid As ₂ Se ₃ . <i>Journal of Physics Condensed Matter</i> , 2018, 30, 28LT02. | 0.7 | 5 |
| 94 | Structure and thermodynamic properties of liquid Bi _{1-x} Ga _x alloys with miscibility gap. <i>Journal of Non-Crystalline Solids</i> , 1993, 156-158, 153-156. | 1.5 | 4 |
| 95 | Structure of Molten AgCl-AgI Mixtures. <i>High Temperature Materials and Processes</i> , 1999, 18, 65-70. | 0.6 | 4 |
| 96 | X-ray diffraction technique in energy-dispersive mode at SPring-8 for fluids at high temperatures and high pressures. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 467-468, 1065-1068. | 0.7 | 4 |
| 97 | Structural studies of expanded fluid rubidium up to the supercritical regions. <i>Science and Technology of Advanced Materials</i> , 2006, 7, 483-489. | 2.8 | 4 |
| 98 | Collective dynamics of $\langle \mathbf{m}_i \cdot \mathbf{m}_j \rangle$ in liquid Fe. <i>Journal of Physics: Conference Series</i> , 2008, 98, 022004. | 1.5 | 4 |
| 99 | Collective dynamics of liquid Fe. <i>Journal of Physics: Conference Series</i> , 2008, 98, 022004. | 0.3 | 4 |
| 100 | Chemical order in liquid As ₂ Se ₃ at high temperatures obtained by X-ray scattering and reverse Monte Carlo modeling. <i>Journal of Non-Crystalline Solids</i> , 2013, 366, 22-29. | 1.5 | 4 |
| 101 | Microscopic Elastic Properties of Polycrystalline Mg ₈₅ Zn ₆ Y ₉ Alloy with Long-Period Stacking Ordered 18R Phase Investigated by Inelastic X-ray Scattering. <i>Materials Transactions</i> , 2015, 56, 914-916. | 0.4 | 4 |
| 102 | Phonon Excitations in Pd ₄₀ Ni ₄₀ P ₂₀ Bulk Metallic Glass by Inelastic X-Ray Scattering. <i>Materials Science Forum</i> , 0, 879, 767-772. | 0.3 | 4 |
| 103 | Critical Indices $\hat{\nu}_{1/2}$ and $\hat{\nu}_3$ Experimentally Obtained at the Liquid-Vapor Critical Point in Fluid Hg. <i>Journal of the Physical Society of Japan</i> , 2016, 85, 035001. | 0.7 | 4 |
| 104 | Experimental observation of density fluctuations in liquid metals associated with liquid-liquid, liquid-gas and metal-nonmetal transitions. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 274001. | 0.7 | 4 |
| 105 | Electron-ion correlation in liquid tellurium. <i>Journal of Non-Crystalline Solids</i> , 1993, 156-158, 683-686. | 1.5 | 3 |
| 106 | EXAFS Measurements for Dense Vapors of Chalcogens and Chalcogenides. <i>Japanese Journal of Applied Physics</i> , 1993, 32, 703. | 0.8 | 3 |
| 107 | EXAFS measurements on molten AgBr-AgI mixtures. <i>Journal of Non-Crystalline Solids</i> , 1996, 205-207, 155-158. | 1.5 | 3 |
| 108 | Structural studies on expanded fluid selenium up to the metallic region using synchrotron radiation. <i>Journal of Non-Crystalline Solids</i> , 2001, 293-295, 446-452. | 1.5 | 3 |

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| 109 | Wide and small angle X-ray scattering measurements for expanded fluid Se accompanying the semiconductor-metal and metal-nonmetal transition. <i>Journal of Non-Crystalline Solids</i> , 2007, 353, 3371-3375. | 1.5 | 3 |
| 110 | Reverse Monte Carlo analysis for small-angle scattering of expanded fluid Hg: connection to the wide-angle structure factor. <i>Journal of Applied Crystallography</i> , 2007, 40, s544-s548. | 1.9 | 3 |
| 111 | X-ray diffraction measurements of expanded fluid sulfur up to the supercritical region. <i>Journal of Physics: Conference Series</i> , 2008, 98, 012008. | 0.3 | 3 |
| 112 | Isotactic poly(4-methyl-1-pentene) melt as a porous liquid: Reduction of compressibility due to penetration of pressure medium. <i>Journal of Chemical Physics</i> , 2017, 146, 194503. | 1.2 | 3 |
| 113 | Longitudinal acoustic and higher-energy excitations in the liquid phase-change material Ge ₂ Sb ₂ Te ₅ . <i>Physical Review B</i> , 2021, 104, . | 1.1 | 3 |
| 114 | EXAFS study of the liquid-glass transition in binary nitrate systems. <i>Journal of Non-Crystalline Solids</i> , 1993, 156-158, 555-558. | 1.5 | 2 |
| 115 | EXAFS Studies of Liquid Semiconductors. <i>Japanese Journal of Applied Physics</i> , 1993, 32, 165. | 0.8 | 2 |
| 116 | Structural study of liquid V ₂ O ₅ . <i>Physica B: Condensed Matter</i> , 1995, 213-214, 499-501. | 1.3 | 2 |
| 117 | A study of density fluctuations near the critical point of fluid Se by small angle X-ray scattering. <i>Journal of Non-Crystalline Solids</i> , 2002, 312-314, 279-283. | 1.5 | 2 |
| 118 | Static and Dynamic Structures of Expanded Fluid Mercury. <i>Zeitschrift Fur Physikalische Chemie</i> , 2003, 217, 1045-1064. | 1.4 | 2 |
| 119 | X-ray diffraction studies of fluid rubidium: From the liquid to a dense vapor. <i>Journal of Non-Crystalline Solids</i> , 2007, 353, 3380-3383. | 1.5 | 2 |
| 120 | Structural fluctuations in expanded fluid Se accompanying the semiconductor-metal transition. <i>Journal of Physics: Conference Series</i> , 2008, 98, 012028. | 0.3 | 2 |
| 121 | Small-angle x-ray scattering of supercritical fluid Hg: Bi-impurity effect. <i>Journal of Physics: Conference Series</i> , 2008, 98, 012002. | 0.3 | 2 |
| 122 | X-ray Compton scattering experiments for fluid alkali metals at high temperatures and pressures. <i>AIP Conference Proceedings</i> , 2015, , . | 0.3 | 2 |
| 123 | Plasmons in Liquid Rb at Elevated Temperatures Studied by Inelastic X-ray Scattering. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 084703. | 0.7 | 2 |
| 124 | Structural studies on fluid sulfur at high temperatures and high pressures: II. Molecular structure obtained by ab initio molecular dynamics simulations. <i>Journal of Non-Crystalline Solids</i> , 2019, 510, 15-19. | 1.5 | 2 |
| 125 | Structural studies on fluid Hg and fluid Se at high temperatures and high pressures by means of X-ray diffraction and small angle X-ray scattering. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021, 235, 3-24. | 1.4 | 2 |
| 126 | XANES study of the electronic structure of molten germanium. <i>Journal of Synchrotron Radiation</i> , 1999, 6, 540-542. | 1.0 | 1 |

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|-----|--|-----|-----------|
| 127 | X-ray diffraction measurements for expanded fluid Se using synchrotron radiation up to the dense vapor region. <i>Journal of Non-Crystalline Solids</i> , 2002, 312-314, 274-278. | 1.5 | 1 |
| 128 | Dynamical structure in liquid Te using inelastic x-ray scattering: from semiconductor-metal transition to metallic regime. <i>Journal of Physics: Conference Series</i> , 2008, 98, 022001. | 0.3 | 1 |
| 129 | Small-angle x-ray scattering and density measurements of liquid Se ₅₀ Te ₅₀ mixture at high temperatures and high pressures using synchrotron radiation. <i>Journal of Physics: Conference Series</i> , 2010, 215, 012078. | 0.3 | 1 |
| 130 | Wide angle X-ray scattering measurements of supercritical water using synchrotron radiation. <i>Journal of Physics: Conference Series</i> , 2010, 215, 012090. | 0.3 | 1 |
| 131 | Atomic Dynamics in Extreme Environments via Inelastic X-Ray Scattering at SPring-8. <i>Synchrotron Radiation News</i> , 2010, 23, 17-25. | 0.2 | 1 |
| 132 | Static and dynamical inhomogeneity at liquid - liquid phase transition of Se-Te mixtures. <i>EPJ Web of Conferences</i> , 2011, 15, 02002. | 0.1 | 1 |
| 133 | Inelastic x-ray scattering studies on dynamic structure factor of polymeric liquid Se under pressure. <i>AIP Conference Proceedings</i> , 2015, , . | 0.3 | 1 |
| 134 | X-ray Compton Scattering Study of Liquid Germanium and Tin. <i>Journal of the Physical Society of Japan</i> , 2017, 86, 124703. | 0.7 | 1 |
| 135 | Asymmetrical bonding in liquid Bi disentangled by inelastic X-ray scattering. <i>EPJ Web of Conferences</i> , 2017, 151, 06001. | 0.1 | 1 |
| 136 | Inelastic x-ray scattering measurements of liquid water-glycerol mixtures. <i>EPJ Web of Conferences</i> , 2017, 151, 06003. | 0.1 | 1 |
| 137 | Static and dynamic structures of liquid Ba ₈ Ga ₁₆ Sn ₃₀ : a melt of the thermoelectric clathrate compounds. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 455101. | 0.7 | 1 |
| 138 | Dynamical sound speed and structural inhomogeneity in liquid Te studied by inelastic x-ray scattering. <i>Journal of Non-Crystalline Solids: X</i> , 2019, 1, 100006. | 0.5 | 1 |
| 139 | Structural studies on fluid sulfur at high temperatures and high pressures: I. Atomic dynamics investigated by inelastic x-ray scattering. <i>Journal of Non-Crystalline Solids</i> , 2019, 522, 119571. | 1.5 | 1 |
| 140 | X-ray Diffraction Studies of Expanded Fluid Mercury Using Synchrotron Radiation at SPring-8. <i>Japanese Journal of Applied Physics</i> , 1999, 38, 452. | 0.8 | 1 |
| 141 | X-Ray Scattering Studies of Expanded Fluid Metals. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2017, , 102-134. | 0.2 | 1 |
| 142 | Peculiar temperature dependence of dynamical sound speed in liquid Se ₅₀ Te ₅₀ by inelastic x-ray scattering. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 214003. | 0.7 | 1 |
| 143 | Ultrasonic velocity and sound attenuation in molten cuprous halide mixtures. <i>Journal of Non-Crystalline Solids</i> , 1993, 156-158, 779-782. | 1.5 | 0 |
| 144 | Small angle X-ray scattering measurements for fluid selenium near the liquid-vapour critical point. <i>Journal of Non-Crystalline Solids</i> , 2001, 293-295, 569-574. | 1.5 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | High-resolution inelastic X-ray scattering measurements of an Al ₇₂ Pd ₂₀ Mn ₈ alloy above the melting point. <i>Journal of Non-Crystalline Solids</i> , 2007, 353, 3174-3176. | 1.5 | 0 |
| 146 | Dispersion relations of the acoustic modes in divalent liquid metals. <i>EPJ Web of Conferences</i> , 2017, 151, 06002. | 0.1 | 0 |
| 147 | Sound Speed in Glassy As _x Se _{1-x} (x = 0.4, 0.5, and 0.6) by Inelastic X-ray Scattering. <i>Physica Status Solidi (B): Basic Research</i> , 2020, 257, 2000134. | 0.7 | 0 |
| 148 | X-ray Compton Scattering Study of Liquid Sodium at Elevated Temperatures. <i>Physica Status Solidi (B): Basic Research</i> , 2020, 257, 2000187. | 0.7 | 0 |
| 149 | Furnace for Inelastic X-ray Scattering from Liquids up to 1600°C. <i>Physica Status Solidi (B): Basic Research</i> , 2020, 257, 2000093. | 0.7 | 0 |
| 150 | X-Ray Scattering Studies of Expanded Fluid Metals. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2021, , 183-217. | 0.2 | 0 |
| 151 | Static and Dynamic Structures of Supercritical Fluid Hg Accompanying the Metal-Nonmetal Transition. <i>Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu</i> , 2008, 18, 321-327. | 0.1 | 0 |